Energy, Environment & Green audit report
Of

UNIVERSITY OF MYSORE
YUVARAJA'S COLLEGE (Autonomous)
(A CONSTITUENT AUTONOMOUS COLLEGE OF THE UNIVERSITY OF MYSORE)
Re-Accredited A Grade by NAAC with CGPA of 3.34 & College with Potential for Excellence
MYSORE - 570 005.

Prepared by: **Feb 2022**

RACHANA ENER CARE

Engineers for Energy& Environment

(Team of BEE-Dept of energy Certified energy managers & auditors)
No555/I,13th cross,TK lay out ,Beside BSNL RTTC
Saraswati puram (p)Mysuru- 570009 - Ph-9449837309
www.rachanaenercare.com, Mail; rachanaenercare@gmail.com

I. Work order details

Title	Energy ,Environment & Green audit
Scope	Evaluation of present condition & scope for improvement
WO number & date	UOM/YCM/WO/852/2021-22 Dt 09.11.2021
Study & Report submission	Feb 2022
Conducted by	Rachana Ener Care (Engineers for energy & environment) Team of BEE (Govt of India) certified energy managers & auditors –Mysore Environment consultants NIE CREST- Centre for Renewable energy & sustainable technologies - Mysore
Contact person	ANIL KUMAR NADIGER (Director & Energy Specialist)
PH NO	9449837309
E mail ID	rachanaenercare@gmail.com
web	rachanaenercare.com

II Acknowledgement

We appreciate the initiation taken by YUVARAJA'S COLLEGE (AUTONOMOUS), UNIVERSITY OF MYSURU, JLB Road, Mysuru for their interest to have an energy environment & green audit. This will not only benefit institutions but society at large.

We are thankful to the institution for giving this opportunity to us. This is a great opportunity for us to serve in our passionate area of energy & environment.

We are thankful to the Principal & all staff for this initiation and giving consent to conduct an audit.

We are thankful to the office staff providing us data. Thanks to all office staff & other members who have supported us in the audit process.

Head of NIE CREST (National Institute of Engineering) Mr. Sham sunder has provided vital information and constancy in waste management & green technologies. Thanks to NIE CREST & team

We need to mention our gratitude to the entire workforce of the institution, who have co operated and shared information during our frequent visit to campus.

Sustainability in Energy & Environment is everyone's need & its conservation is everyone's responsibility. But practicing is a challenge. We are sure that institution will go ahead in this regard.

Thank you.

For RACHANA ENER CARE

ANIL KUMAR NADIGER

B.E. (E & E) M.I.E

(DIRECTOR & ENERGY SPECIALIST)

iii INDEX

No	chapter	Page No.
	Front cover	1
I	Work order details	2
II	Acknowledgment	3
III	Index	4
1	Abbreviations & glossary	6
2	References, Guide Books & Standards	8
3	**Executive summary**	9
4	**Introduction**	16
4.1	Introduction about Yuvaraja college , Rachana enercare , NIE crest	16
4.2	Energy, environment & green: Need for conservation & audit	17
4.3	Scope of Energy ,environment & green audit	18
5	**Energy audit**	20
5.1	Introduction to energy audit	20
5.2	Flow chart	22
6	**Source side data collection & analysis**	23
6.1	Sources of energy	23
6.2	Power connection details	24
6.3	Transformer details	25
6.4	Energy consumption pattern of three years (Year & monthly basis)	26
6.5	Power factor (on transformer supply side)	28
6.6	Maximum demand (variation on supply side)	29
6.7	Category of Connected load & its impact on source	31
7	**Power quality**	33
7.1	introduction to power quality	33
7.2	Voltage variation	34
7.3	Load variation	36
7.4	Energy consumption on different days	41
7.5	TOD Energy (Time of the day)	42
7.6	Power Factor (PF) variation	45
8	**Demand side management (DSM)**	47
8.1	Introduction	47
8.2	Details of Connected Load type, power & statistics in the institution	48
8.3	Load distribution (sections wise)	49
8.4	Lighting	54
8.5	Fans	56
8.6	UPS	59
8.7	Computer & accessories	63
8.8	Pumps	64
8.9	Air conditioners	67
8.10	Refrigerators	70
8.11	Automation	73

8.12	Lux level	74
8.13	Water TDS (hardness)	77
8.14	Natural day light & ventilation	77
8.15	Electrical panel board	78
9	**Renewable energy**	79
9.1	Introduction renewable energy	79
9.2	Present usage & recommendations	80
9.3	Present condition of solar Street lights	83
10	**Energy bench mark**	84
10.1	EPI –Energy Performance Index	84
10.2	Per capital energy consumption	84
11	**Environment audit**	85
11.1	Introduction	85
11.2	Type of waste generation	86
11.3	Sewage water	86
11.3.1	Rain water harvesting	88
11.3.2	Bore well recharge pit	89
11.3.3	Water Flow control at taps	89
11.3.4	other water conservation measures	89
11.4	Dry waste (paper waste)	91
11.5	Dry waste (leaf waste)	91
11.6	Dry waste (plastic waste)	91
11.7	Wet waste (food waste)	93
11.8	Biological Hazardous waste (sanitary pads)	93
11.9	Chemical waste	93
11.10	E waste (electrical & electronic equipments)	94
11.11	Hazardous waste (Mercury waste)	94
11.12	Hazardous waste (lead waste)	95
11.13	Air pollution	95
11.14	Noise pollution	95
11.15	Promoting Electrical vehicles by charging points	96
12	**Green Audit**	97
12.1	Introduction	97
12.2	Green coverage inventory	97
12.3	Type of flora	99
12.4	Types of fauna (Bio diversity)	115
12.5	Water bodies	118
13	**Awareness Activities**	119
14	Annexure	121
14.1	E-waste PCB norms	
14.2	Sample Electricity bill	
14.3	Sample water bills	
14.4	Audit meetings	
14.5	Battery buy back bills	
15	Photos	

1. Abbreviations and Glossary

AC – Alternating Current

AH - Ampere Hour (Used to define capacity of battery)

BD – Billing Demand

BEE - Bureau of energy efficiency (A statutory body under Dept of energy India)

BLDC - Brush Less DC fans (Most advance technology fans)

CD- Contract Demand (Power demanded by consumer to ESCOMs)

CFM – Cubic Feet per Minute (measure of flow)

CHESCOM – Chamundeswari electricity Company

CT - Current transformer (small device used in electrical panel)

DC - Direct Current

DG - Diesel Generator

DG – Diesel Generator

DISCOMS - Distribution Company (electricity)

ECBC - Energy conservation building code

EER – Energy Efficiency Ratio

Efficacy – capacity to deliver desired out put

ESCOM – Electricity Company (CHESCOM ,BESCOM,MESCOM,GESCOM,HESCOM)

EV- Electric Vehicle

HP - Horse power (1hp = 0.745 kw)

HT – High Tension (High voltage 11,000 Volts)

KWH – Kilo watt hour generally used as 'Units'

LED – Light Emitting Diode

LPH – Litre per hour (related to flow)

Lumens- Unit to measure total output light

LUX – Illumination level in unit area

Mains- Electricity supply point

MCC- Mysuru City Corporation

MD- Maximum Demand

NGT – National Green Tribunal

PCB - Pollution control board

PCB – Pollution Control Board

PF – Power factor

PPM – Parts per million (Units of measure)

Refrigerant- Chemical used in refrigerator

RO – Reverse Osmosis

RWH - Rain water Harvesting.

SHCG – Solar Heat Gain Coefficient

SMF – Sealed Maintenance Free

Star label – Indication of energy efficiency of any equipment

TDS - Total dissolved salts

UPS – Uninterrupted Power Supply

VA – Volts and amps multiple

W – Watts – Units to measure power

2.REFERENCES, GUIDE BOOKS & STANDARDS

Guidelines and standards set by following professional bodies, societies and government bodies were used in report. We acknowledge them.

BEE – Bureau of energy efficiency

Nodal agency under department of energy, government of India

NPC – National productivity council

Star label standards – beestarlabel.com

ECBC – Energy Conservation Building Code

ISHRAE- Indian Society of Hating Refrigerating & air conditioning Engineers

ASHRAE- American Society of Hating Refrigerating & air conditioning Engineers

PCB – Pollution Control Board

SEEM – Society of Energy Engineers & Managers

UNSDG- United Nation Sustainable Development Goals - https://sdgs.un.org/goals

KREDL-Karnataka State Renewable Energy Development Ltd

SDA - State designated agency under BEE

3.Executive summary

The purpose of energy , environment & green audit is to evaluate present condition and recommend for possible improvement.

Energy audit will focus on energy consumption trend, Types of load, power quality , opportunity to save energy and use of renewable energy. Cost implication , return on investment and environmental benefit also considered, while suggesting any energy conservation measures

Environmental audit will focus on quantum of waste generation , present way of managing waste adopted, possibility to reduce waste and better management option

Green audit will focus on green coverage, type of flora & fauna , etc

Energy Utilisation Pattern

Power details:

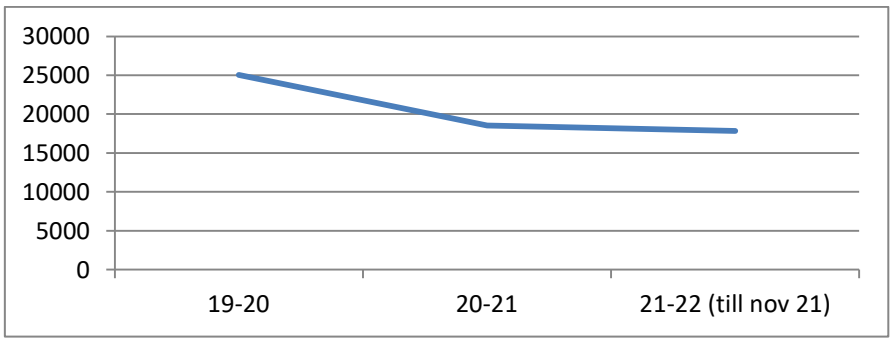
RR No	HT444(0641504157)
Type	INDUSTRIAL- HT2a
Tariff	3HT2A-N
Contract Demand	250KVA
Billing Demand	213KVA
Demand charges	Rs.220/- per KVA +TAX
Energy Charges	Rs 7.20 BASIC + 0.05 FAC + TAX
TAX	6%

Observations:

1) There is common HT supply to Platinum jubilee building, Maharaja College and Yuvaraja college buildings. There is no sub meter to record each building consumption.
2) Energy consumption has been analysed from Apr 2019 to Dec 2021. Due to lock down there is decrease in power demand & energy usage in 2020-21 and may & june months of 2021.
3) Normal working academic year 2019-2020 is considered as base line for energy consumption.
4) Institution complex has consumed 3,00,600 units in 2019-2020. That is 25055 units per month and 822 units per day.
5) Monthly average from 2019 to 2021 has shown decreasing trend.

Year	19-20	20-21	21-22 (till Nov 21)
Monthly average	25055	18519.5	17838.75

Graph: Units consumed v/s monthly average per year

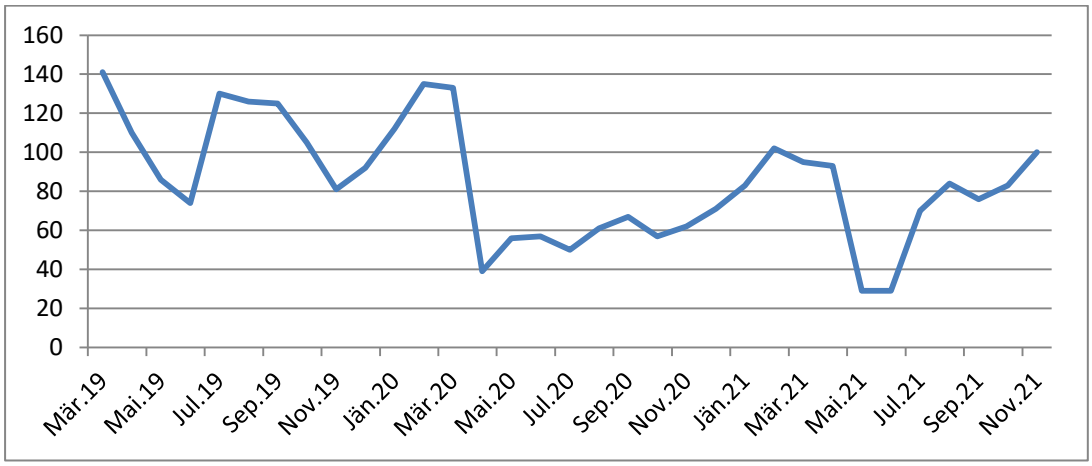


6) To analyse present energy usage trend , we have compared sept-nov 2019 with 20-21 and 21-22 .

Month	19-20	20-21	21-22
Sept	29162	16832	19042
Oct	24805	17682	17255
Nov	22710	18175	21127
total energy (three months)	76677	52689	57424

7) There is decrease trend in energy consumption , even after classes returned to normal.

8) Institution has contract demand of 250 kva and billing demand of 213 kva. After analysing about 36 months bill, we found maximum demand has not crossed 150kva.



9) Institution has maintained overall power factor of 0.99 to unity using powr factor corrector system ,which is appreciable.

10) Connected load in the institution is about 200kw

11) Power demand of institution is 25kva to 35 kva and will not cross 50kva

12) Energy consumption per month is estimated as.7000 to 8000 units

13) There is no solar photovoltaic system. It is recommended to install solar photo voltaic system ,preferably on grid system . On grid system will supply energy for own use and excess energy during holidays can be exported to grid. Recommended solar roof top capacity to make campus as 'net zero energy' or carbon neutral is discussed in preceding chapter.

14) Presently 10kwp solar off grid system for computer lab usage is in process

15) Presently there is no diesel generator. Power cut duration is about 3 to 5%. Institution is depending on UPS system for emergency back up. This has reduced air pollution by generator exhaust.

16) There is very limited use of air conditioners. Its usage i limited to lab purpose, that too not regularly , but as and when required. It is appreciable that there is no use of air conditioner for human comfort purpose and campus is well ventilated.

Energy Conservation Measures Table

sl	Proposal	Investment (rs)	Energy saved per annum (units)	Payback period (years)	Carbon dioxide saved per annum
1	Replacing all Regular 1242 regular Tube lights to LED	4,34,700/-	37260	1.56 years	44712kgs
2	Replacing 17 very old & 376 old fans totally 393 fans to recent technology BLDC fans	9,82,500/-	29475	4.44 years	35370
3	Switch off inverter section of Online UPS, when not in use	nil	7008	-na-	8410
4	Use of SMPS charger for on line UPS	60,000/-	3504	2.2 years	31526
5	Solar off grid system in lieu of regular UPS (additional cost for 5kva)	2,00,000/-	4500	4.9 years	5400

Note:

- Above is indicative only. Actual investment and payback period may vary time to time.
- Professional advice is required before any change in the system or implementing new system

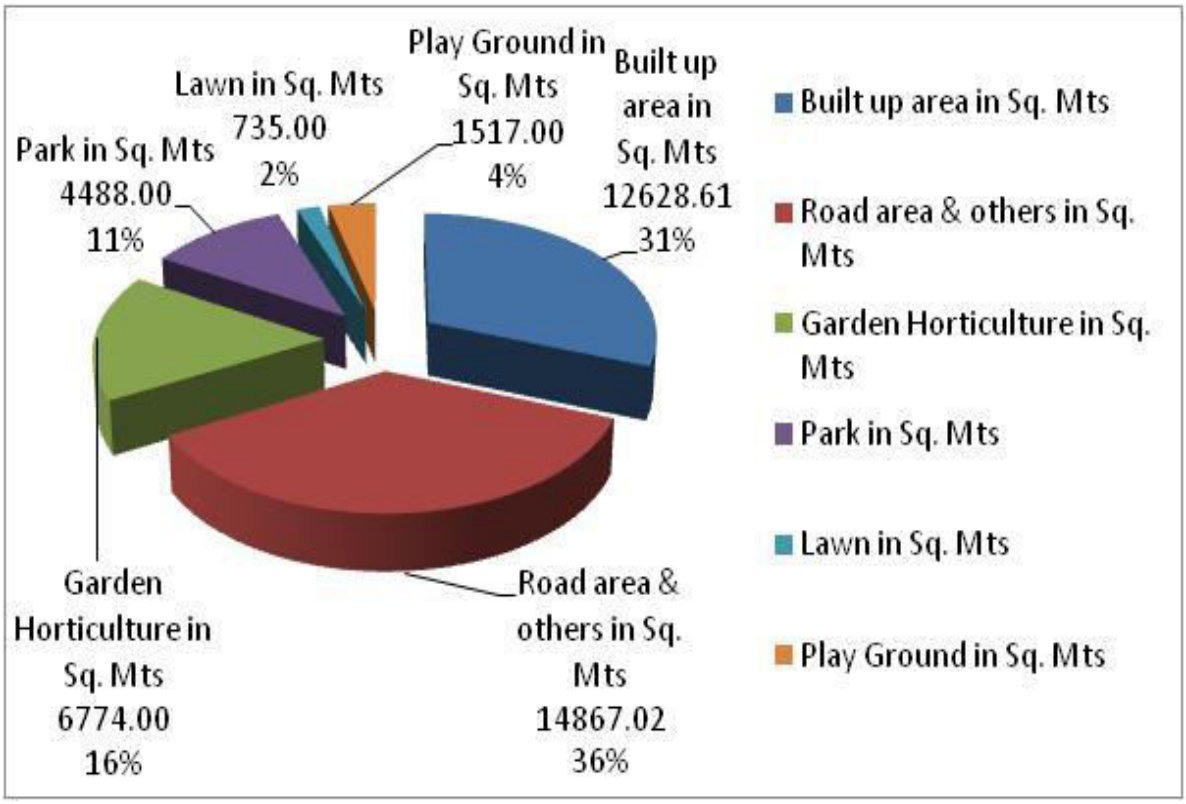
Environmental audit observations

1) Institution is sourcing it water needs mainly from corporation. An average 286000 ltrs per month of water is consumed from corporation. This is mainly used for basic needs of more than 4000 students and staff. Water required for garden purpose is sourced from Kukkarahalli lake. Institution also has bore well for its emergency need.
2) Water conservation measures: Institution new building has well designed RWH Rain water harvesting system of 1.5 lakh litre capacity. RO purifier system is used for lawn purpose. We recommend regular maintenance of RWH for proper utilisation.
3) Other conservation measures such as bore well recharge, flow control valves for taps, automatic controls can be adopted for further water conservation.
4) Water used for human basic needs is drained to corporation UGD system. Entire college campus can have a common Sewage treatment plant (STP) as long term water conservation measure.
5) Dry waste : Waste papers , dry leaves , small amount of plastic wastes are generated in the campus. All individual departments have dust bins. Dust bins are also placed in common places and park area. These are collectively dumped in a common place. This will be picked up by corporation. We recommend to keep a large collector bins , instead of dumping in open place. It is also recommended for more awareness boards , particularly in park & common areas. We also recommend to install composter to convert dry leaves to manure. This is useful for your garden purpose.
6) Wet waste: Quantum of wet waste generation is very less. Canteen is disposing it as cattle feed. Majority of students carry back their left over food back to home. However it is good practice to have wet waste collector bins.
7) Hazardous waste : Used tubes which contain mercury , computer parts which is main e waste , Batteries having lead waste constitute major hazardous waste. Old batteries are disposed by way of 'Buy back' system. This is approved way of disposal by pollution control board. Used tube lights are given to corporation. All other E waste is given to scrap dealer. As per E waste management act such tubes has to be disposed after properly packing and labelling. Guide lines copy is given in annexure.
8) Other hazardous waste: Institution has more girls students. Hence considerable amount of sanitary pad waste will be generated. Institution has incinerator in all rest rooms. Other hazardous waste is the chemical waste from labs. Quantum generation is less. These are buried in barren land

9) Noise & air pollution: Due to restricted movement of vehicles and parking places sound and noise pollution is less. In addition ,there is no generator system. Students are advised not to unnecessarily use vehicle horns in the campus. We have advised to provide E vehicle charging facility to two wheelers as initiative to encourage E vehicles.

Green audit observations

1) Institution has best utilised the space available to keep campus green , There are large trees, plants, ornamental plants in park and also in corridor of new building.
2) Trees and plants are labelled with both common and scientific name. This initiates will enhance interest among students and also in visitors
3) About 30 % of area is covered by green with large trees, small plants , ornamental plants and lawn.
4) More than 150 different types of vegetation are available the campus
5) More than 50 different resident & migratory birds can be seen in the campus.
6) There is neither natural or artificial water bodies in the campus.



Awareness activities

- Institution has conducted about 20 program to create awareness among students . This programs were done both inside and outside the campus, both independently and along with other organisations. About 1500 students and staff were participated in these programs.
- Institution has also fixed boards to create awareness on plastic free zon and protecting nature. We feel that there is need to add more posters and boards in th campus.

Consolidation

Best practices & systems adopted;

1) Maximum demand has not crossed contract demand any time (CD 250kva ,MD less than 150kva)
2) Power factor correction is good ranging from 0.99 to unity.
3) Air conditioner usage is limited
4) New auditorium and other installations have adopted LED lighting
5) Campus is largely depending on UPS and not any DG source at present
6) New building has good natural illumination (day light)
7) Water requirement is mainly sourced from corporation , which has less hardness and hence no salt deposition on any taps
8) New building has well designed RWH unit
9) RO drain water is used for lawn
10) Water is sourced from Kukkrhalli lake for gardening purpose
11) Campus is maintained green & clean in most of places
12) Garden has more than 150 verity of plants & more than 50 types of birds
13) Plant are labelled to educate and develop interest.
14) Awareness boards are kept at many strategic locations
15) Inside and outside campus activities are regularly carried out

Limitations:

1) Limited use of LED lights
2) old fans are still in use
3) Illumination level is less in many class rooms in old buildings (lights not working)
4) Renewable energy usage is less (present 6 solar lights are also not working)
5) Electrical panel boards have rats inside to be protected immediately
6) Panel boards needs metering, labelling and SLD (Single Line Diagram)
7) Dust bins and central collection bins are needed
8) Old tubes & e waste to be disposed as per PCB norms
9) More awareness boards required
10) Automatic controls are implemented (see list below)
11) RWH (Rain Water Harvesting) system not maintained

Prioritizing implementation

1)solar street lights 2 nos @ cost Rs. 20,000/-
2)composter (small) @ cost Rs. 6000/-
3)composter (large) @ cost Rs. 25000/-
4)repair of RWH (rain water harvesting) @ cost Rs. 30000/-
5)Recharge pit for bore well @ cost Rs. 5000/-
6)awareness boards @ cost Rs. 2000/-
7) Awareness program (about audit) @ cost Rs. 1000/-
8)Energy meter CT and wiring 2nos@ cost Rs. 10,000/-
9) Labelling & primary protection for electrical panels@ cost Rs. 5000/-
9) Waste collection bins – (Corporation)
10)LED tubes at main places 25nos X300/-each @ cost Rs. 7500/-
11)BLDC fans in place of old fans – 10nos x 3000/-each @ cost Rs.30,000/-
12)solar off grid system @ cost Rs. 5,00,000/-
13) Automation - timer/ occupancy sensor/ day night switch. 1500/- x 2nos each @ cost Rs. 3000/-
14)Flow control for taps (Pressure reducer valves) 10 nosX 150/- each@ cost Rs1500/-
15)EV charging points for two wheelers @ cost Rs. 5000/-
16) Big collector for dry waste @ cost Rs. 5000/-

Other recommendations with long term benefits

1)Converting all regular lights to LED lights

2) Replacing all fans to energy efficient fans

3)Solar 'on grid' system for entire campus

4)STP –Sewage Treatment Plant for entire campus

5)Composters of higher capacity

----oooOOOooo----------

4.Introduction

4.1 Introduction : Yuvraja college, Rachana Ener Care & NIE CREST

YUVARAJA'S COLLEGE (AUTONOMOUS), Under UNIVERSITY OF MYSURU:

Yuvaraja's College, one of the four constituent Colleges of the University of Mysore is rich in history. It was first established as an Intermediate College on 24th June 1928 and in the year 1947-48, after Independence, the college was upgraded to a First Grade College. The University Grants Commission conferred Autonomous Status to the college in the year 2005 and it was extended up to 2020 in the year 2012. Currently, it offers various academic programs leading to B.Sc., BCA, BBA, Integrated M.Sc., M.Sc., M.A., M.B.A., and Ph.D. degrees for both boys and girls. Quality enhancement and sustenance being the hallmark of this institution is further proved during the third cycle of re-accreditation by NAAC in December 2015 at 'A' Grade with an upgraded CGPA of 3.34. Recently the college has been granted by UGC the status of College with potential for excellence for the second phase from year 2017-2022.

RACHANA ENER CARE:

Rachana ener care headed by Mr.Anil kumar Nadiger, is a team of experienced and qualified engineers, BEE certified energy manager and auditors. Its team members have undergone many training and certification programs. Such as ECBC, ASHRAE standards, Green buildings ,etc conducted by NPC- National Productivity Council, KREDL – Karnataka Renewable Energy development ltd, ISHRAE – Indian Society for Heating Refrigeration &Air conditioning engineers, SEEM – Society for energy engineers & managers, etc It has conducted many audits to reputed clients like South Western Railways, Karnataka Urban water supply & drainage board, Central workshop, Police training centre, Teresian college, NIE, Institution of engineers India & many more. They also conduct training & workshops for professionals , students & entrepreneurs

NIE CREST:

NIE-Center for Renewable Energy and Sustainable Technologies (NIE-CREST) is a renowned Green technology promoting centre at the premises of The National Institute of Engineering (NIE), Mysore. The centre promotes eco- friendly energy systems, Renewable Energy and sustainable technologies. The Centre itself has successfully implemented numerous projects on eco-friendly and - renewable energy systems and sustainable technologies at International & National Level. NIE -CREST provides technology for, Design & Implementation of Renewable Energy Systems, Design and project, execution of Solar, Biomass & Other RE Devices, Design & Implementation of sustainable Technologies, Design & implementation of Technologies for Green Building, Design and implementation Of Rainwater Harvesting Systems and many more.

4.2 Energy, Environment and Green: Need for conservation & Audit

The rapid urbanization and economic development at local, regional and global levels has led to several environmental and ecological crises. On this background, it becomes imperative to develop & adopt new technologies, system and best practices that could lead to sustainability. Sustainability means meeting our own needs without compromising the ability of future generations to meet their own needs. In addition to natural resources, we also need social and economic resources. Sustainability is not just environmentalism. Embedded in most definitions of sustainability we also find concerns for social equity and economic development.

The Sustainable Development Goals (SDGs) or Global Goals are a collection of 17 interlinked global goals designed to be a "blueprint to achieve a better and more sustainable future for all". The SDGs were set up in 2015 by the United Nations General Assembly (UN-GA) and are intended to be achieved by the year 2030. They are included in a UN-GA Resolution called the 2030 Agenda or what is colloquially known as Agenda 2030. The SDGs were developed in the Post-2015 Development Agenda as the future global development framework to succeed the Millennium Development Goals which ended in 2015.

The 17 SDGs are: (1) No Poverty, (2) Zero Hunger, (3) Good Health and Well-being, (4) Quality Education, (5) Gender Equality, (6) Clean Water and Sanitation, (7) Affordable and Clean Energy, (8) Decent Work and Economic Growth, (9) Industry, Innovation and Infrastructure, (10) Reduced Inequality, (11) Sustainable Cities and Communities, (12) Responsible Consumption and Production, (13) Climate Action, (14) Life Below Water, (15) Life On Land, (16) Peace, Justice, and Strong Institutions, (17) Partnerships for the Goals.

There is need to involve all strata and demography of society to achieve the goals. Accordingly many organizations from global level to local level are striving hard. In India both government & non government organizations are active. BEE, MNRE, KREDL, ISHRAE, SEEM, TERI, IGBC, ASSOCHAM are some of them.

In order to have green campus, energy conservation, renewable energy usage, waste management, greenery maintenance has become main criteria to evaluate. Audit process includes understanding present condition and recommend suitable best possible improvement. Such suggestion will be based on present technology, guidelines by competent authority, limitations in the site and facilities. Suggestions will be out com of data evaluation, creativity, knowledge & experience, which will benefitall

4.3 Scope of Energy, Environment and Green Audit

Energy Audit:

- Annual energy consumption analysis
- Identify Major connected load & Usage
- Energy Base Line recording .Daily consumption analysis(Voltage, Current, PF, kw, Kwh on each phase - Every min recording for 72 hours, using data logger
- Efficiency rating & effective utilization of major Energy consuming units-Air conditioners, Pumps ,heaters, etc
- Identify energy conservation measures adopted at present –Example LED usage, Star rated fans, fridges, Best practices, etc& possibilities to improve.
- Identify & record renewable energy usage
- Walk through to identify Major Encon measures
- Automation , control and measurement meters ,presently adopted and possibilities to adopt.
- Lux level where lights are used in day time & in main places during night time.
- Option & feasibility study for solar roof top capacity based on site, contract demand & energy consumption.
- Report submission with Return on investment (simple payback period)

Environment audit:

- Water usage & sources
- LUX level day & night at strategic locations
- E waste generated and management and action taken
- Amount of lead generated (UPS & Vehicle batteries)in kgs & action taken
- Solid waste (dry waste) generation and action taken
- Wet waste generation & action taken
- Hazardous waste generation & action taken
- Plastic free environment measures.
- Rain water harvesting
- Waste water management
- Incinerator for sanitary pads

Green audit:

- Greenery maintenance
- Green coverage in campus
- Water bodies**.**

Expected outcome of energy & environment audit & its implementation:

- ✓ Human Comfort & wellness
- ✓ Energy savings : cost savings
- ✓ Extended equipment life ,reduction in breakdown
- ✓ Extended battery life ; cost savings , lead waste reduction, acid fumes reduction.
- ✓ E waste management; Effective Reuse, Recycle concept.
- ✓ Fuel savings.
- ✓ Awareness to students
- ✓ Awareness to public visiting campus.
- ✓ Water savings
- ✓ Eco system maintenance.

5. ENERGY AUDIT

5.1 Introduction to energy Audit:

As mentioned in the earlier chapter, Energy Audit plays an important role in reducing energy bills. In this we have given detailed analysis of bills and setup is done to understand the flow of energy. We can reduce energy bills up to 30% by adopting low cost investment projects also with less than 2 years payback period. We have collected electricity bills and analyzed to identify energy conservation measures. As there are 3 buildings in the campus such as Yuvaraja College, Maharaja College and VC Guest House the total power consuming is 300660KW per year and less than contract demand. In this case there is a possibility to save the energy as well as the cost minimization. Also we will check the possibilities to use renewable energy sources.

The fundamental goal of energy management is to produce goods and provide services with the least cost and least environmental effect. The term energy management means many things to many people. One definition of energy management is

"The judicious and effective use of energy to maximize profits (minimize costs) and enhance competitive positions" (Cape Hart, Turner and Kennedy, Guide to Energy Management Fairmont press inc. 1997)

Another comprehensive definition is "The strategy of adjusting and optimizing energy, using systems and procedures so as to reduce energy requirements per unit of output while holding constant or reducing total costs of producing the output from these systems"

- To minimise energy costs / waste without affecting production & quality
- To minimise environmental effects.

Energy Audit is the key to a systematic approach for decision-making in the area of energy management.

It attempts to balance the total energy inputs with its use, and serves to identify all the energy streams in a facility. It quantifies energy usage according to its discrete functions. Industrial energy audit is an effective tool in defining and pursuing comprehensive energy management programme. As per the Energy Conservation Act, 2001, Energy Audit is "the verification, monitoring and analysis of use of energy including submission of technical report containing recommendations for improving energy efficiency with cost benefit analysis and an action plan to reduce energy consumption".

Need for Energy Audit

In any industry or organisation, the three top operating expenses are often found to be energy (both electrical and thermal), labour (salary) and materials. If one were to relate to the manageability of the cost or potential cost savings in each of the above components, energy would invariably emerge

as a top ranker, and thus energy management function constitutes a strategic area for cost reduction. Energy Audit will help to understand more about the ways energy and fuel are used in any industry, and help in identifying the areas where waste can occur and where scope for improvement exists.

The Energy Audit would give a positive orientation to the energy cost reduction, preventive maintenance and quality control programmes which are vital for production and utility activities. Such an audit programme will help to keep focus on variations which occur in the energy costs, availability and reliability of supply of energy, decide on appropriate energy mix, identify energy conservation technologies, retrofit for energy conservation equipment etc. In general, Energy Audit is the translation of conservation ideas into realities, by lending technically feasible solutions with economic and other organizational considerations within a specified time frame.

The primary objective of Energy Audit is to determine ways to reduce energy consumption per unit of product output or to lower operating costs. Energy Audit provides a " bench-mark" (Reference point) for managing energy in the organization and also provides the basis for planning a more effective use of energy throughout the organization. (Information from BEE- Bureau of Energy efficiency Govt of India)

Promoting energy conservation practices in education sector will help to create awareness in students, which in turn will reach society. Students can incorporate such practices in the profession they involve in future or even take up this as career option. Along with energy conservation , use of renewable energy will provide ultimate suitability.

Your college campus has contract demand of 250kva and recorded maximum demand of 150kva. There is need of about three lakh units of energy requirement. This requirement is expected to grow more by another 25%, because of more facilities, e learning environment ,etc. Presently there is no use of renewable energy except six street lights. In this scenario, there is much scope to improve present condition.

Energy audit will analyses present condition and will recommend ways to improve it. This will be done in following ways.

1)study energy source, consumption pattern and power parameters in last three years

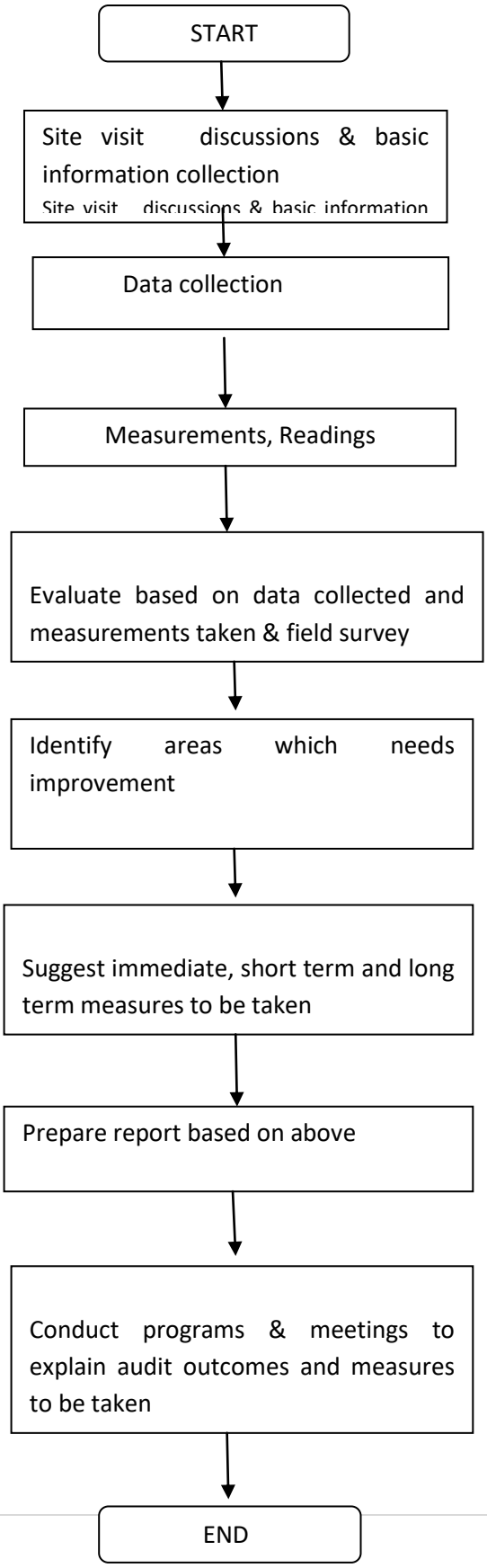
2)Study power quality and energy usage pattern in a day (Power quality)

3)Study connected load type, efficiency (DSM –Demand side management) & suggest changes

4)Study other factors that influence energy consumption. Such as water TDS, Lux level, automation

5)Possibility to incorporate renewable energy

5.2 Flow chart



6. Source side data collection & analysis

6.1 Sources of Energy

Different sources of energy used and in progress in the entire campus are as follows:

Sources	Energy	Remarks
CHESCOM(EB)	150 KVA Contract Demand for total campus	Power demand:25-50 KVA Yuvaraja College Energy demand 80,000 units to 90,000 units annually
LPG	8 to 10 Cylinders per month	For lab use
Solar Energy	20Wx6Nos= 120W	1) Street lights(Presently not working) 2) 10KWP Solar Off grid system is in progress
Diesel Generator	No Generator at present	63KVA Generator installation is in process
Power back up system	93.45 kva	UPS with 2-4 hours back up for computers and labs
Wheeling energy	Nil	Nil

Observation & recommendation:

- Energy consumption is within limit . But, there is need to integrate renewable energy share in utilization.
- ECBC- Energy Conservation Building Code compliance include use of renewable energy and mandates to reserve minimum 25% of roof top space for solar power.
- Energy produced by solar SPVRT* is much economic than all others. Solar energy costs 4 to 5 Rs per unit, Energy by generator costs Rs 25 to 30 rs per unit and present CHESCOM cost of energy is 7.50rs per unit.

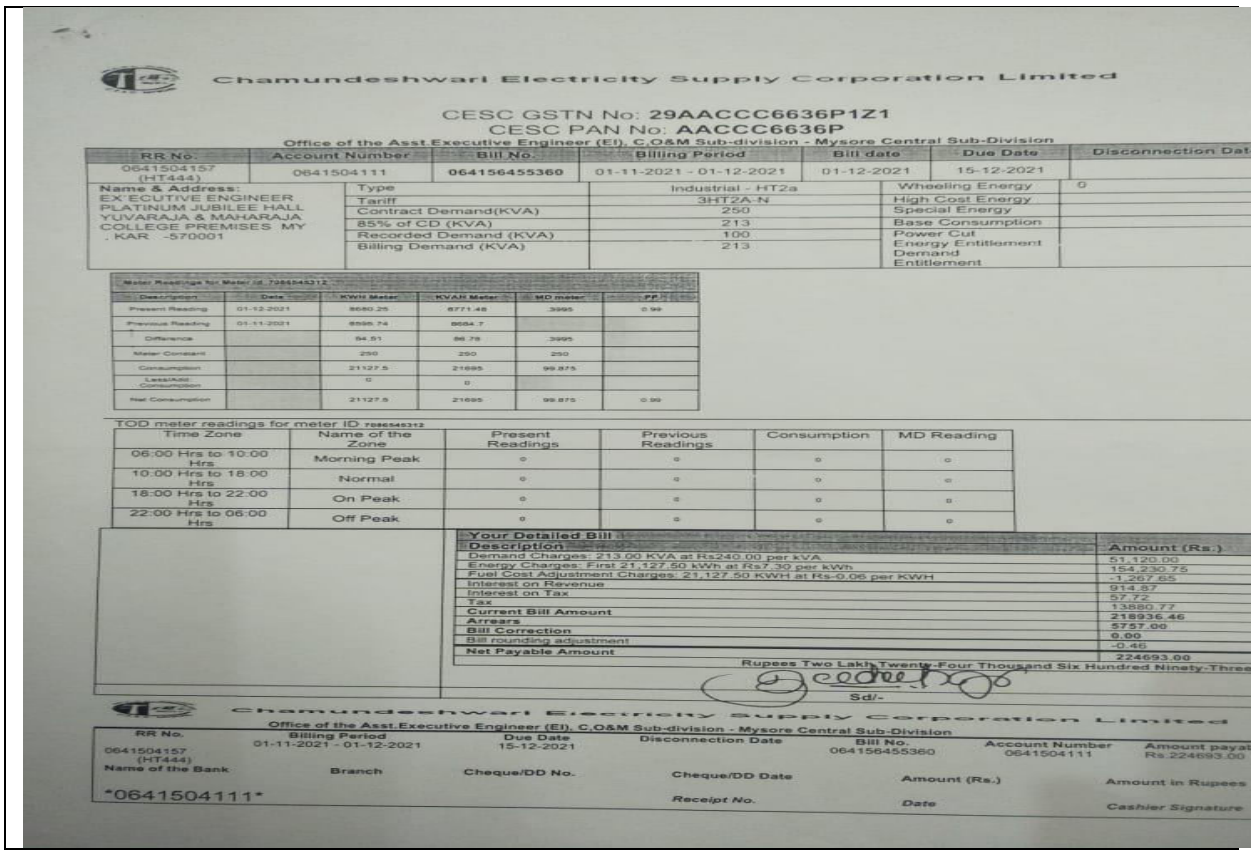
(*SPVRT- Solar Photo Voltaic Roof Top system with net metering facility) .

6.2 Power connection details

Power sanction details:

SOURCE: CHESCOM		
CONSUMER	YUVARAJA COLLEGE	
RRNO	HT444(0641504157)	INDUSTRIAL HT 2A (INSTITUTION)
TARIFF	3HT2AN	
CONTRACT DEMAND (CD)	250 KVA	RS240/- per kva
BILLING DEMAND (BD)	213 KVA	85% OF CD
SUPPLY VOLTAGE	11KV RYB	HT
TRANSFORMER	250KVA	11kv Delta /433v star
Demand charges	240/-Per KVA	Rs51120/- per month+TAX
Energy charges	Rs 7.30 Per KWH	+/- Fuel cost adjustment + taxes

Sample Electricity Bill:



Chamundeshwari Electricity Supply Corporation Limited

CESC GSTN No: 29AACCC6636P1Z1
CESC PAN No: AACCC6636P

Office of the Asst.Executive Engineer (EI), C,O&M Sub-division - Mysore Central Sub-Division

RR No.	Account Number	Bill No.	Billing Period	Bill date	Due Date	Disconnection Dat
0641504157 (HT444)	0641504111	064156455360	01-11-2021 - 01-12-2021	01-12-2021	15-12-2021	

Name & Address:
EX ECUTIVE ENGINEER
PLATINUM JUBILEE HALL
YUVARAJA & MAHARAJA
COLLEGE PREMISES MY
. KAR -570001

Type	Industrial - HT2a	Wheeling Energy	0
Tariff	3HT2A-N	High Cost Energy	
Contract Demand(KVA)	250	Special Energy	
85% of CD (KVA)	213	Base Consumption	
Recorded Demand (KVA)	100	Power Cut	
Billing Demand (KVA)	213	Energy Entitlement	
		Demand Entitlement	

Meter Readings for Meter Id. 7086545312

Description	Date	KWH Meter	KVAH Meter	MD meter	PF
Present Reading	01-12-2021	8680.25	8771.48	3995	0.99
Previous Reading	01-11-2021	8595.74	8684.7		
Difference		84.51	86.78	3995	
Meter Constant		250	250	250	
Consumption		21127.5	21695	99.875	
Less/Add Consumption		0	0		
Net Consumption		21127.5	21695	99.875	0.99

TOD meter readings for meter ID 7086545312

Time Zone	Name of the Zone	Present Readings	Previous Readings	Consumption	MD Reading
06:00 Hrs to 10:00 Hrs	Morning Peak	0	0	0	0
10:00 Hrs to 18:00 Hrs	Normal	0	0	0	0
18:00 Hrs to 22:00 Hrs	On Peak	0	0	0	0
22:00 Hrs to 06:00 Hrs	Off Peak	0	0	0	0

Your Detailed Bill	Amount (Rs.)
Demand Charges: 213.00 KVA at Rs240.00 per kVA	51,120.00
Energy Charges: First 21,127.50 kWh at Rs7.30 per kWh	154,230.75
Fuel Cost Adjustment Charges: 21,127.50 KWH at Rs-0.06 per KWH	-1,267.65
Interest on Revenue	914.87
Interest on Tax	57.72
Tax	13880.77
Current Bill Amount	218936.46
Arrears	5757.00
Bill Correction	0.00
Bill rounding adjustment	-0.46
Net Payable Amount	224693.00

Rupees Two Lakh Twenty-Four Thousand Six Hundred Ninety-Three

Sd/-

Chamundeshwari Electricity Supply Corporation Limited

Office of the Asst.Executive Engineer (EI), C,O&M Sub-division - Mysore Central Sub-Division

RR No.	Billing Period	Due Date	Disconnection Date	Bill No.	Account Number	Amount payal
0641504157 (HT444)	01-11-2021 - 01-12-2021	15-12-2021		064156455360	0641504111	Rs.224693.00

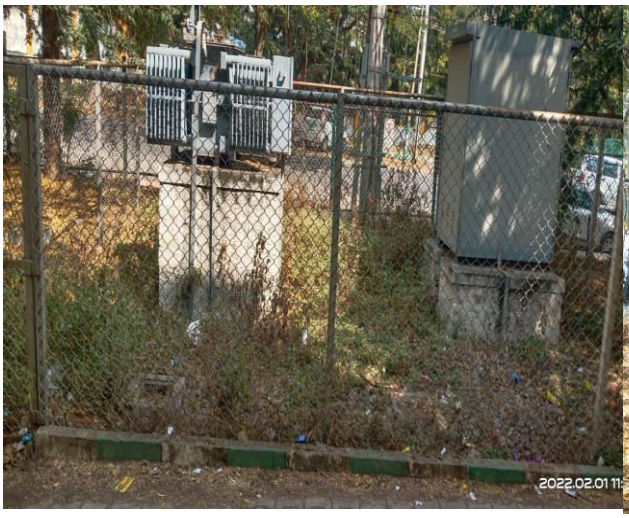
Name of the Bank	Branch	Cheque/DD No.	Cheque/DD Date	Amount (Rs.)	Amount in Rupees
			Receipt No.	Date	Cashier Signature

0641504111

6.3 Transformer Details

This campus has a dedicated transformer for all three buildings such as Yuvaraja college, Maharaja college and VC Guest house. Following are the details of Transformer:

Capacity	250 KVA
Contract Demand	250 KVA
Peak Demand	150 KVA
Average Load	60
Percentage	24%
Made by	Kirloskar Electric Co. Ltd.
Made in Year	2008
Winding Material	Copper
Star Label	Nil
Primary Voltage	11000
Primary Current	13.1
Secondary Voltage	433
Secondary Current	333.3
Connection	Delta – Star



Remarks:

1) Transformer is not overloaded at any time.
2) Transformer is maintained fairly well.
3) Recommended to spread gravel stones around the transformer to avoid the growth of weeds.

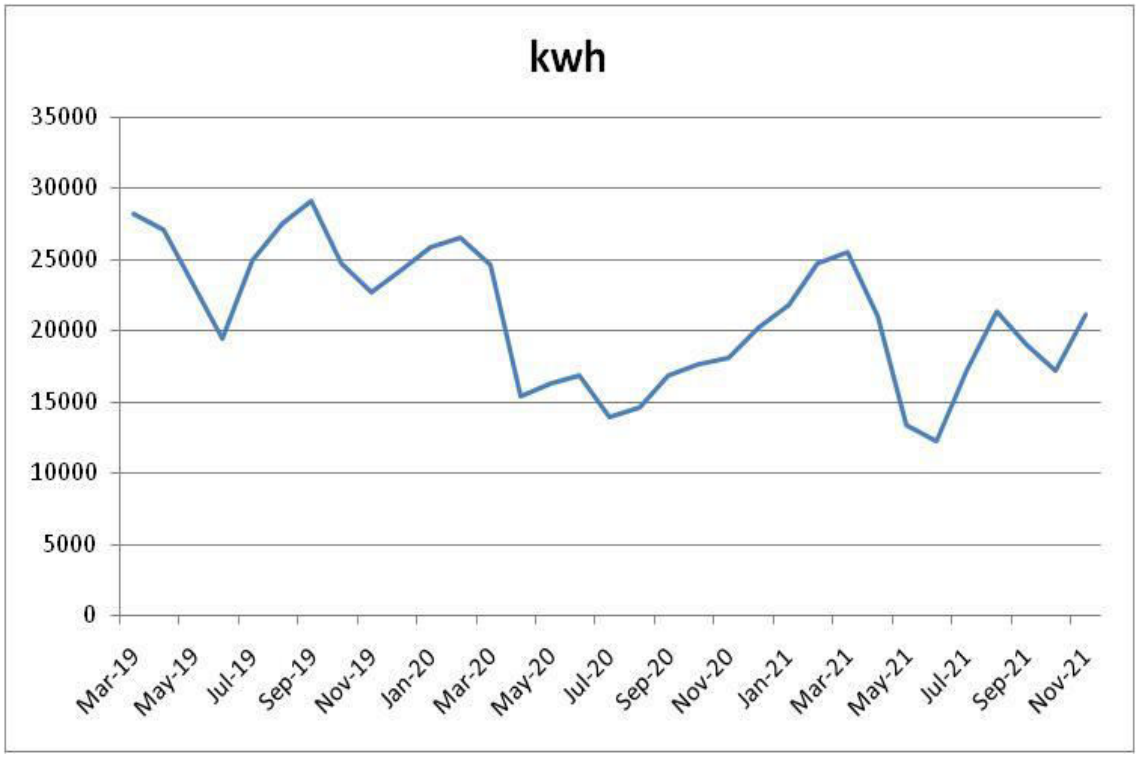
6.4 Energy consumption pattern of three years

Following table gives energy consumption details of last three years.

Month	19-20 KWH	20-21 KWH	21-22 KWH
apr	27137	15372	21010
may	23430	16312	13372
june	19467	16875	12262
july	24965	13975	17247
aug	27555	14595	21395
sept	29162	16832	19042
oct	24805	17682	17255
nov	22710	18175	21127
dec	24270	20287	
jan	25947	21835	
feb	26592	24742	
mar	24620	25552	
Avg/month	25055	18519.5	17838.75
Avg/day	821.4754	608.8603	584.877
Total	300660	222234	142710

(Apr , may 2020 and May ,June of 2021 had corona lock down impact)

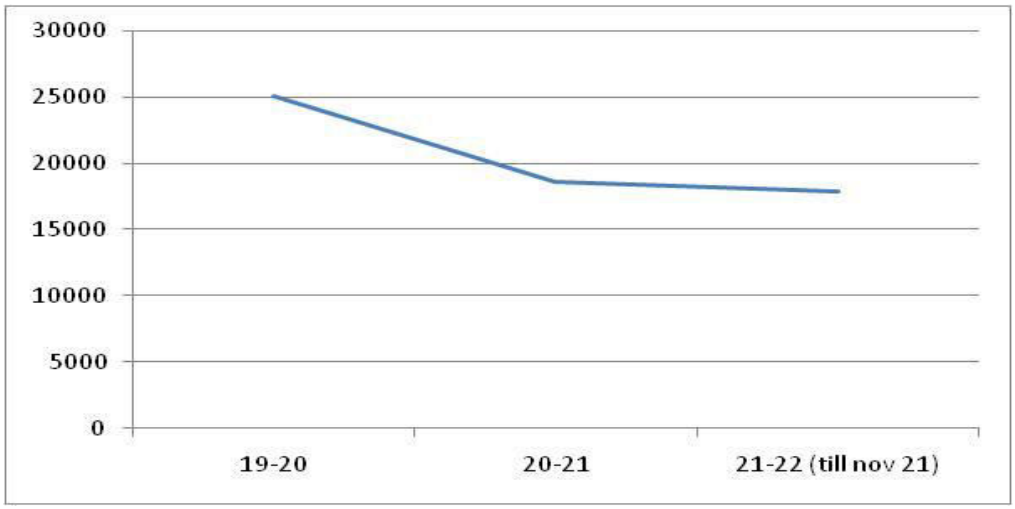
Monthly Energy consumption pattern since last three years



Maximum, minimum & average Monthly energy consumption of campus from April 2019 to November 2021 is given below.

max	29162
min	12262
average	21027.39

Average monthly energy consumption trend 19-20 to 21-22



To analyse present energy usage trend, we have compared sept-nov 2019 with 20-21 and 21-22 there is decrease trend in energy consumption, even after classes returned to normal.

Month	19-20	20-21	21-22
Sept	29162	16832	19042
Oct	24805	17682	17255
Nov	22710	18175	21127
total energy (three months)	76677	52689	57424

Observation & remark:

- Above data gives energy consumption of entire campus, which includes Maharaja college, VC quarters, auditorium etc.
- There is no sub meters to evaluate performance of each separately.
- Covid lock down has impacted academic system both during Year 2020 and 2021.
- In general we find there is increasing trend in energy consumption. There is marginally decrease in consumption pattern

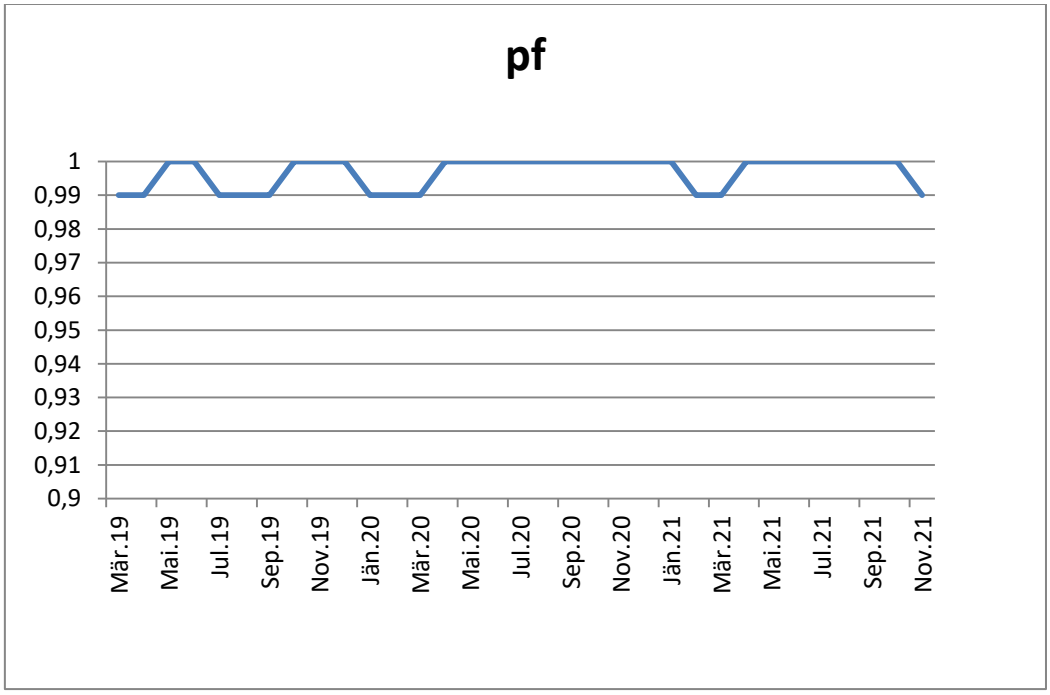
6.5 PF (Power factor)

Introduction:

Power Factor is an expression of energy efficiency. It is usually expressed as a percentage—and the lower the percentage, the less efficient power usage is. Power factor (PF) is the ratio of working power, measured in kilowatts (kW), to apparent power, measured in kilovolt amperes (KVA).

Study: We have tabulated power factor value of three years on monthly basis.

Month	Year - 2019	Year - 2020	Year - 2021
January	-	0.99	1
February	-	0.99	0.99
March	0.99	0.99	0.99
April	0.99	1	1
May	1	1	1
June	1	1	1
July	0.99	1	1
August	0.99	1	1
September	0.99	1	1
October	1	1	1
November	1	1	0.99
December	1	1	-



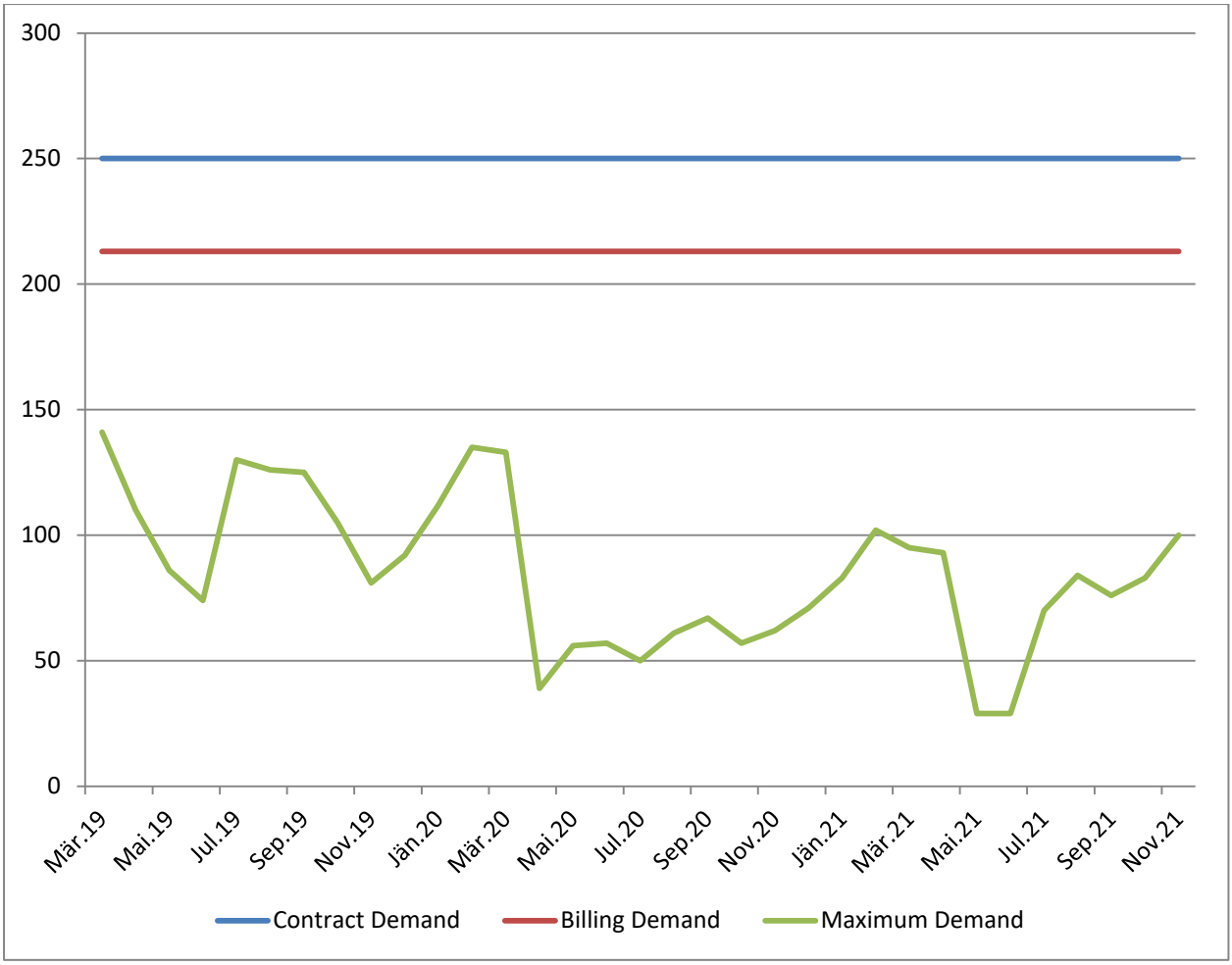
Remark: Institution has maintained excellent power factor of 0.99 to unity.

6.6 MAXIMUM DEMAND (MD)

Maximum demand is the highest level of electrical demand monitored in a particular period. All HT consumers will have contract demand with ESCOM based on their load. ESCOMS will bill the consumer at 85% of contract demand and maximum demand recorded by meter, whichever is higher. Study: based on ledger extract of CHESCOM, we have tabulated maximum demand for four years as below.

month/year	Contract Demand	Billing Demand	Maximum Demand	Excess KVA	EXCESS AMOUNT
Mar-19	250	213	141	72	16790.4
Apr-19	250	213	110	103	24019.6
May-19	250	213	86	127	29616.4
Jun-19	250	213	74	139	32414.8
Jul-19	250	213	130	83	19355.6
Aug-19	250	213	126	87	20288.4
Sep-19	250	213	125	88	20521.6
Oct-19	250	213	105	108	25185.6
Nov-19	250	213	81	132	30782.4
Dec-19	250	213	92	121	28217.2
Jan-20	250	213	112	101	23553.2
Feb-20	250	213	135	78	18189.6
Mar-20	250	213	133	80	18656
Apr-20	250	213	39	174	40576.8
May-20	250	213	56	157	36612.4
Jun-20	250	213	57	156	36379.2
Jul-20	250	213	50	163	38011.6
Aug-20	250	213	61	152	35446.4
Sep-20	250	213	67	146	34047.2
Oct-20	250	213	57	156	36379.2
Nov-20	250	213	62	151	35213.2
Dec-20	250	213	71	142	33114.4
Jan-21	250	213	83	130	30316
Feb-21	250	213	102	111	25885.2
Mar-21	250	213	95	118	27517.6
Apr-21	250	213	93	120	27984
May-21	250	213	29	184	42908.8
Jun-21	250	213	29	184	42908.8
Jul-21	250	213	70	143	33347.6
Aug-21	250	213	84	129	30082.8
Sep-21	250	213	76	137	31948.4
Oct-21	250	213	83	130	30316
Nov-21	250	213	100	113	26351.6

Graph of Contract demand, Billing demand, recorded maximum demand in kva v/s month & year



Remarks:

As per the three years electricity bill, we have recognized that the institution has taken 250 KVA contract demand but they are using below 150 KVA and Cheskom is billing for 213 KVA.

Recommendation:

1) Institution may reduce 50 KVA contract demand. This will reduce about Rs 10,000/- in mothly electricity bills .
2) If campus is planning to install Solar roof top in near future, it not recommended to reduce contract demand. (ref Chapter9 – Renewable energy) .

6.7 Category of connected load & impact on source

Loads are classified on different category based on their function and electrical characteristics. They have different impact on the electrical system.

SL	Category of load	Total Wattage	% load	Remark
A	Illumination with Regular tubes & CFLS	52649	27.094	low PF non surge
B	LED lighting	3020	1.554	high PF ,non surge
C	Fans of all types	33035	16.999	med PF, non surge
D	Air conditioning ,fridge, freezer	17090	8.794	med PF, surge
E	Computers, IT & peripherals ,lab equipments thro UPS)	88510	45.547	Med PF, non surge
F	PUMPS (motor load) RO	9	0.005	Med PF , surge
G	Miscellaneous	15	0.008	Med PF ,NON surge
	Total	194328	100.000	

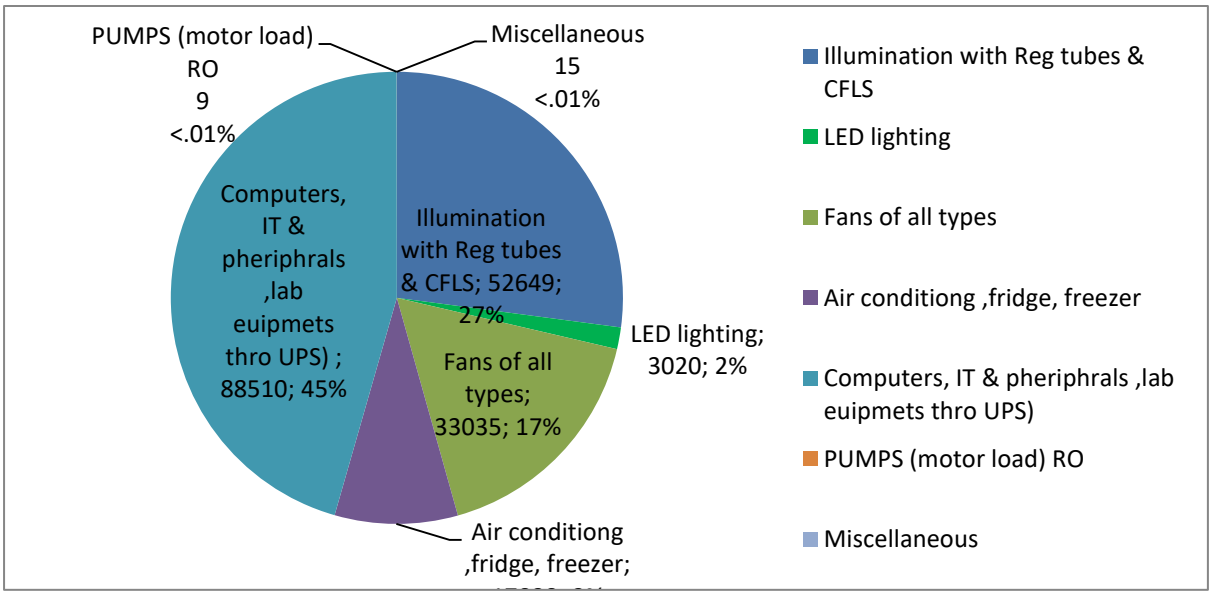
Note

NOTE:
Low PF 0.6 & below
Medium PF - 0.6 to 0.8
High PF 0.8 to 1.0
Non surge - regular staring current
Surge load - 3to 5 times starting current

Impact on grid:

Load characteristics	Impact on system
Low PF & surge	Very high
Medium PF & surge	High
Low PF & non surge	Medium
High PF & Non surge	Nil

PIE chart



Concluding remark:

- Consumer does not have any such load , which will have impact on grid.
- There are certain equipments such as UPS, Air conditioners, old tubes which have low to medium power factor. But automatic power factor capacitors have corrected power factor to near unity. .

7. POWER QUALITY

7.1 Introduction Power quality

Power quality refers to the ability of electrical equipment to consume the energy being supplied to it. A number of power quality issues including electrical harmonics, poor power factor, voltage instability and imbalance impact on the efficiency of electrical equipment.

This has a number of consequences including:

- Higher energy usage and costs
- Higher maintenance costs
- Equipment instability and failure

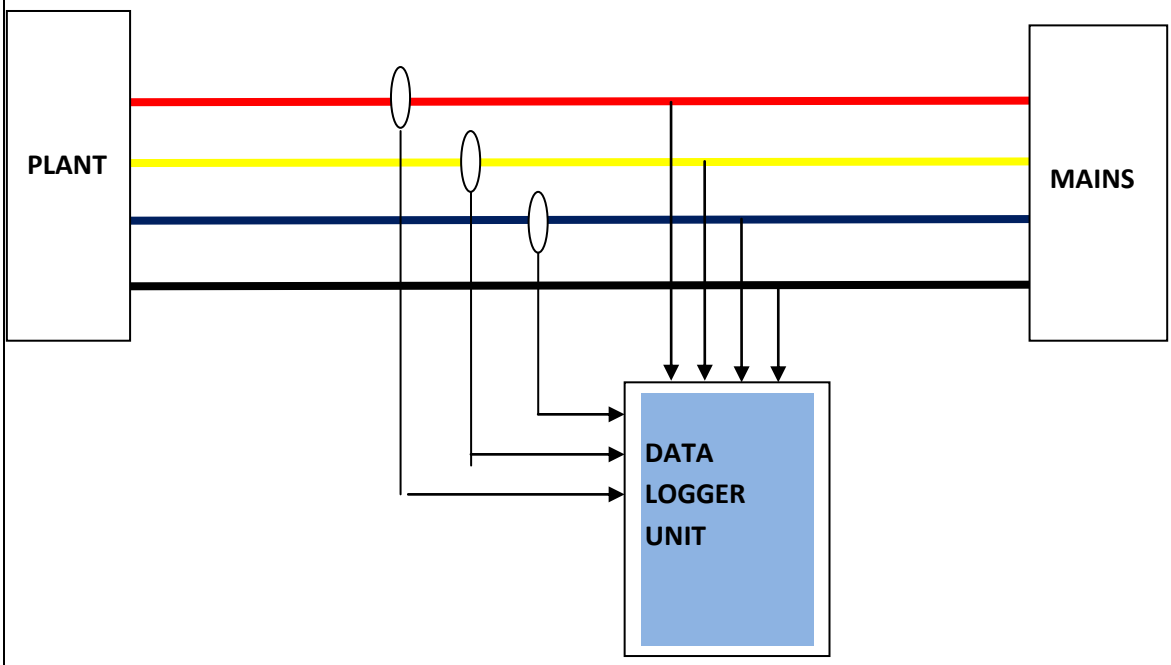
Energy management is an important consideration for any business, and it is critical that power quality be assessed as part of any energy management strategy.

Common Power quality problems includes Voltage variations, Voltage un balance, Power factor, Load unbalance

Your campus has dedicated transformer with 3phase supply and majority loads are ingle phase, there are chances of any of above issues. Power quality analysis will study above parameters for minimum 72 hours using advanced data log & soft ware tools more precisely. Samples bearing collected every minute basis for more accurate results

Power data logger , an advanced device

To analyse power parameter such as voltage, current, power factor ,kw variation on each phase, we installed a data logger. It collects all data at sampling rate one minute. Data logger was fixed on mains side as below.



Followings graphs were platted based on data collected:

1)Loading (power) on R, Y , B phase

2)Total power on each phase

3) Power variation on ach phase & total

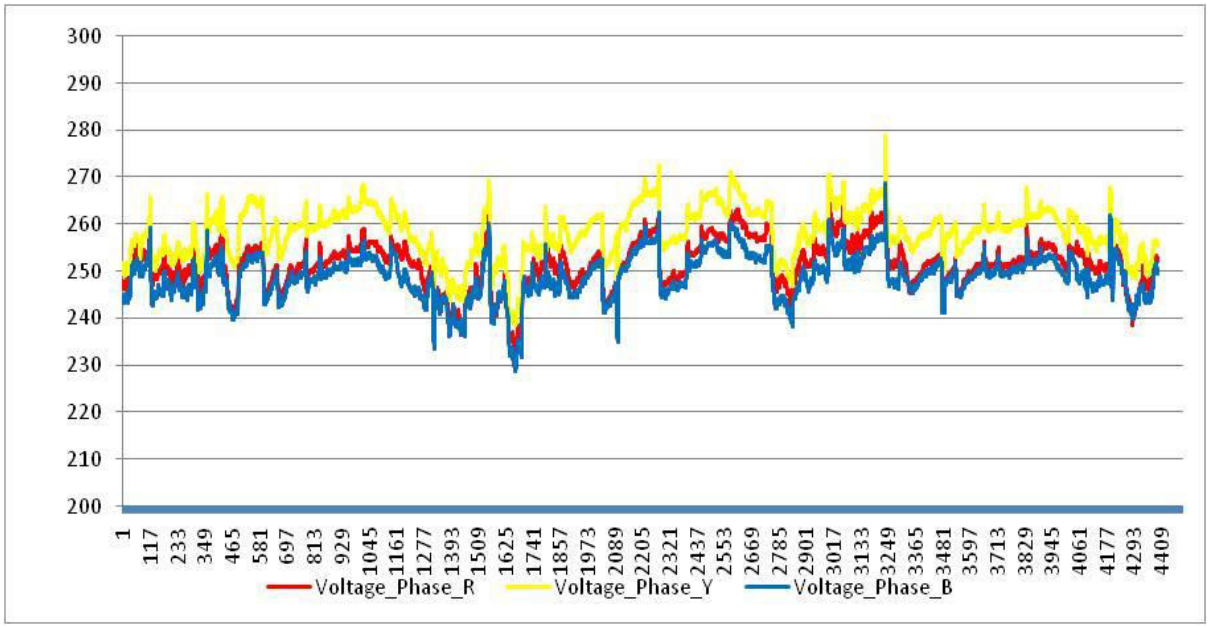
4) voltage variation on each phase

5) power factor variation

6) Energy consumption

NOTE; Your new building had necessary facility to connect data log. But old building did not had necessary facility to connect data logger unit. So we recorded main power parameters of old building using power analyser by frequent visits.

7.2 Voltage variation

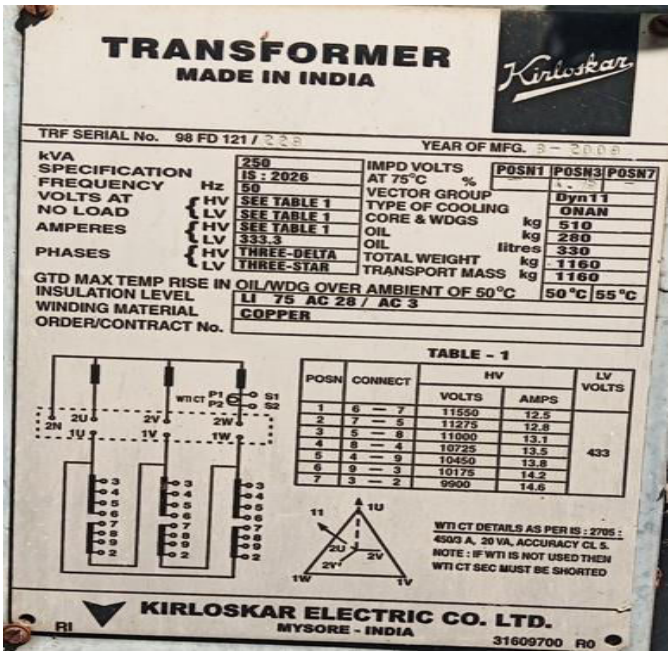


Remark:

1)Most of equipments run on single phase , hence voltage on each phase is plotted.

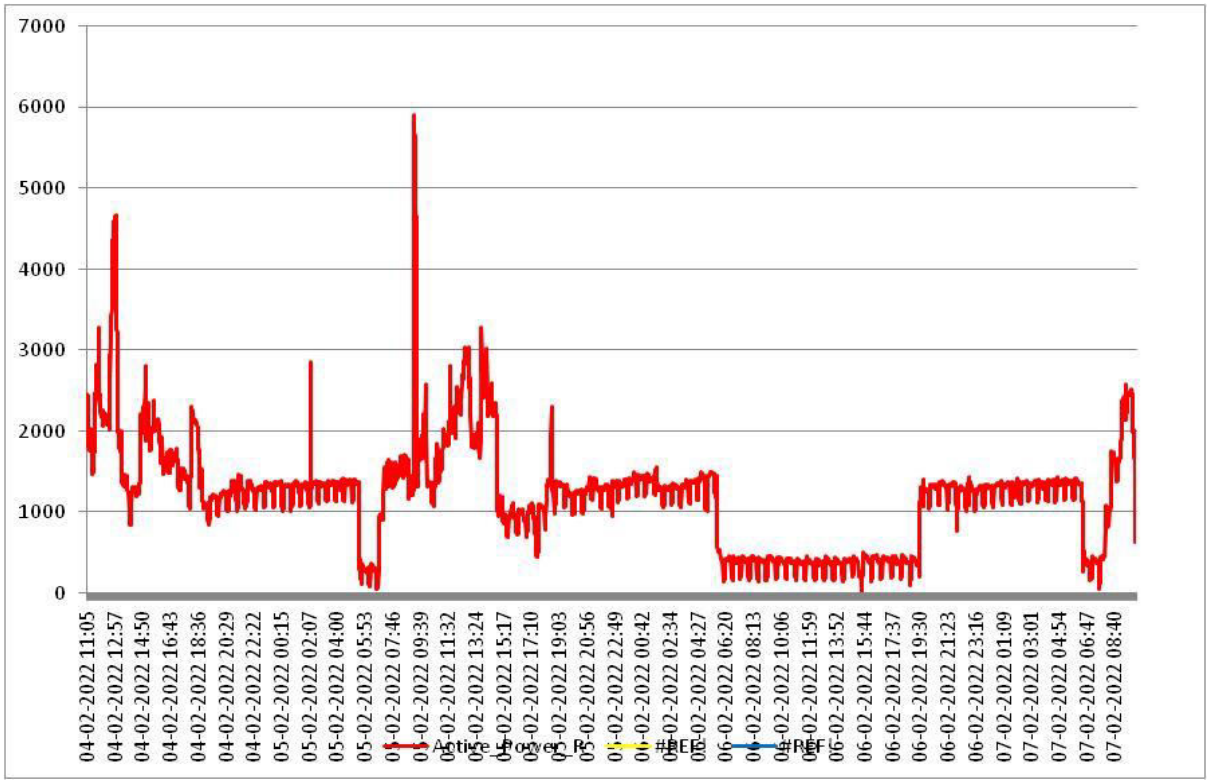
Voltage is higher on each phase. Voltage between 220 -240 is suitable for your application. But voltage is between240-260 volts most of time. However most of sophisticated equipments used in college is connected through UPS. Working range of UPS will be 170Vac to 270VAC. Above voltage variation will not have much impact.

2)Entire campus is connected to one single transformer of 250 kva. Transformer has tap changing facility (ref chapter 6.3 transformer). By using tap changer voltage level can be reduced.

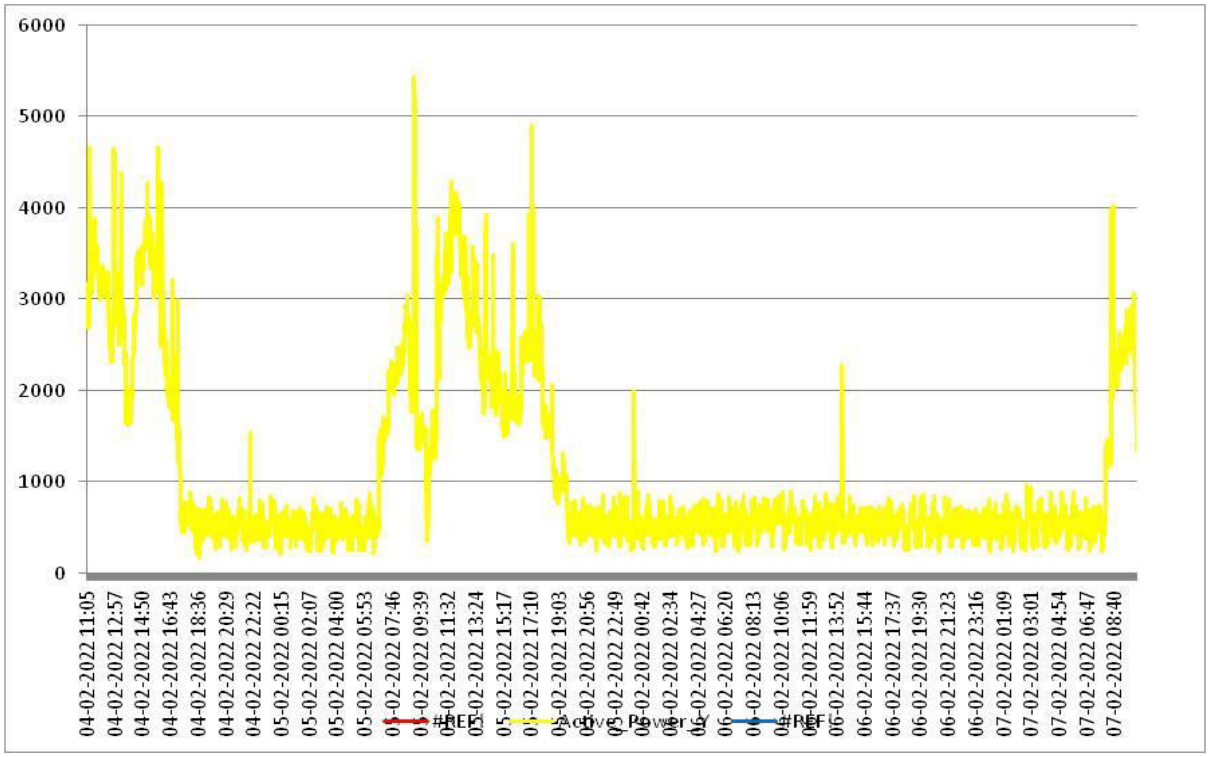


7.3 Load variation

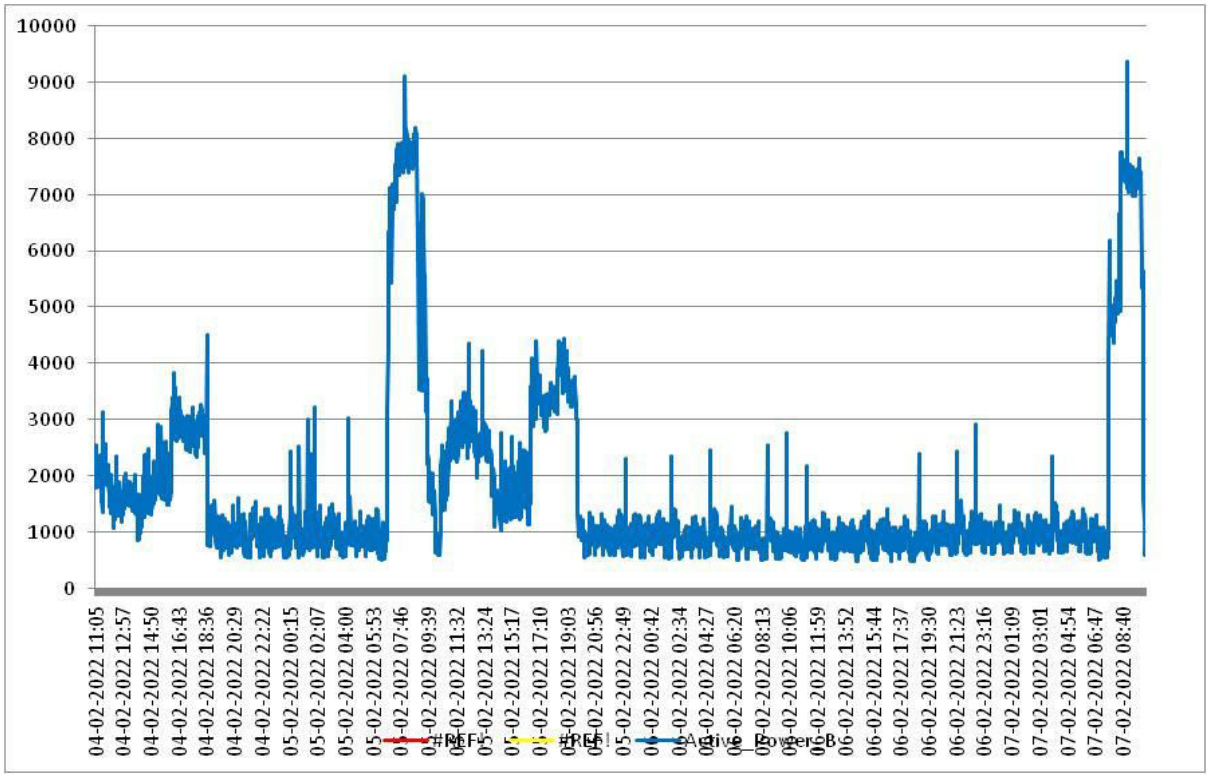
(a)R phase power variation from 4/2/22 to 7/2/22 (watt v/s Date& time)



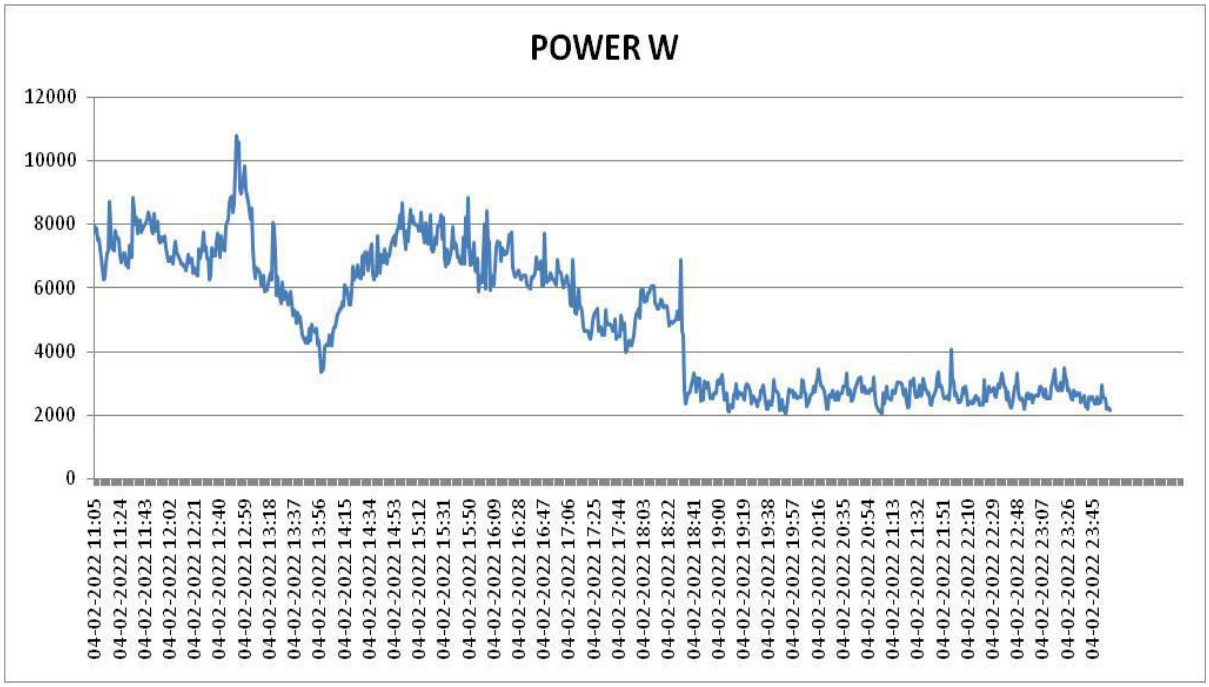
(b)Y phase power variation from 4/2/22 to 7/2/22 (watt v/s Date& time)



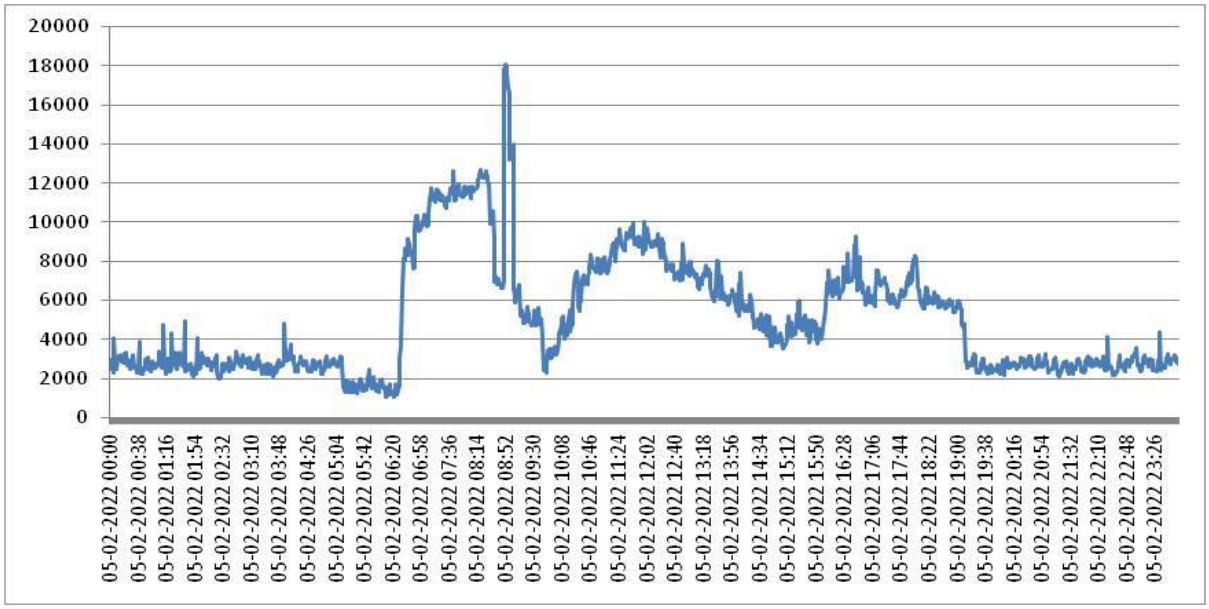
(c) B phase power variation from 4/2/22 to 7/2/22 (watt v/s Date& time)



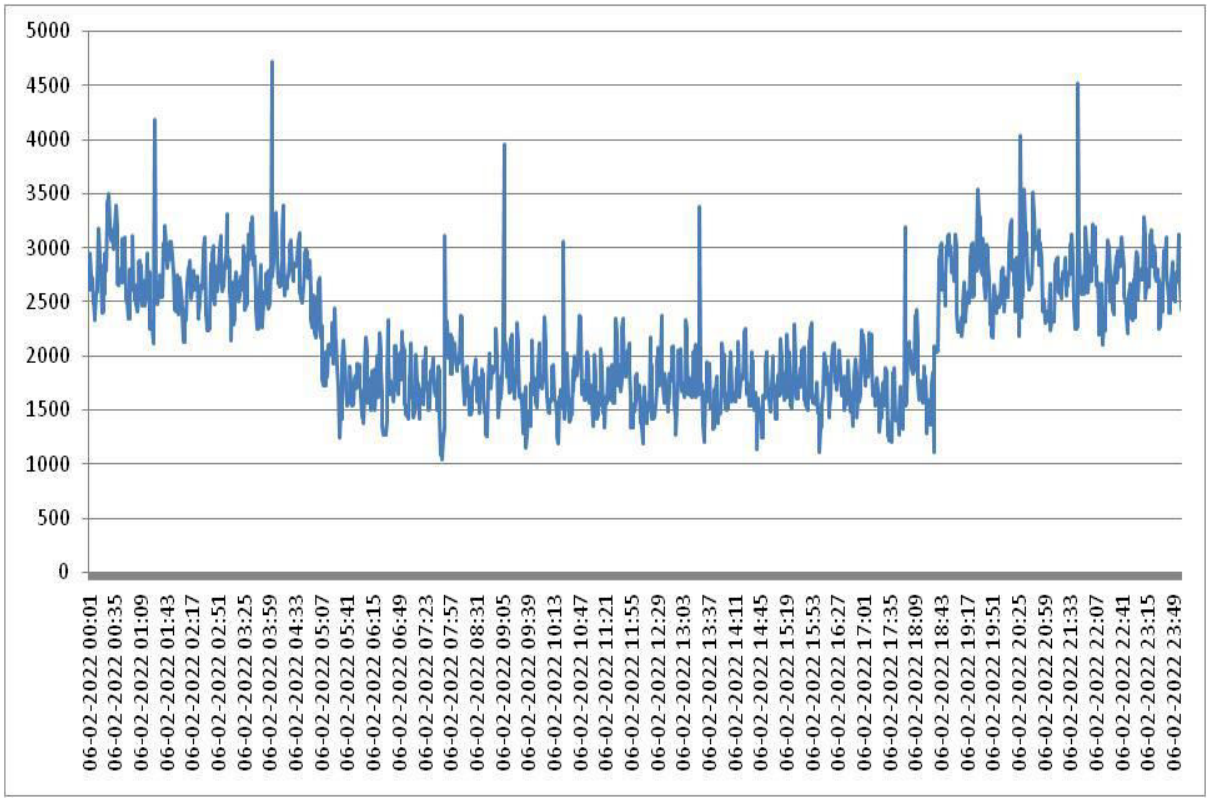
(d) Total Power consumption (including all three phases) on 4th feb 2022



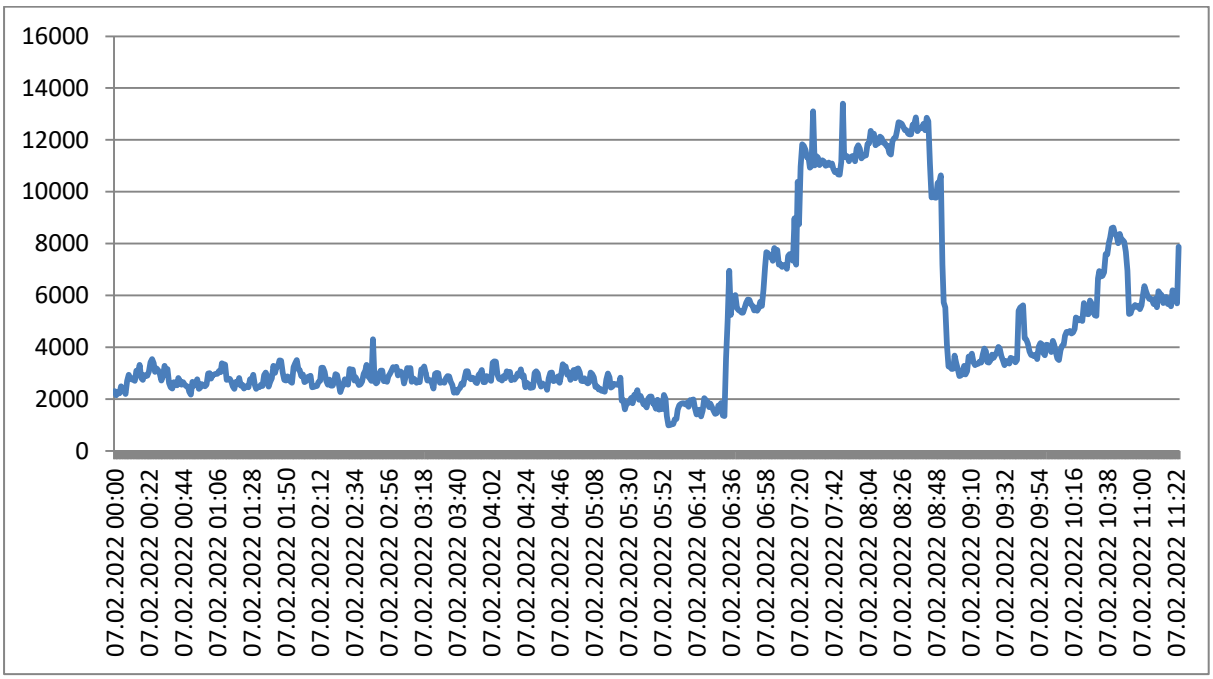
(e)Total Power consumption (including all three phases) on 5th feb 2022



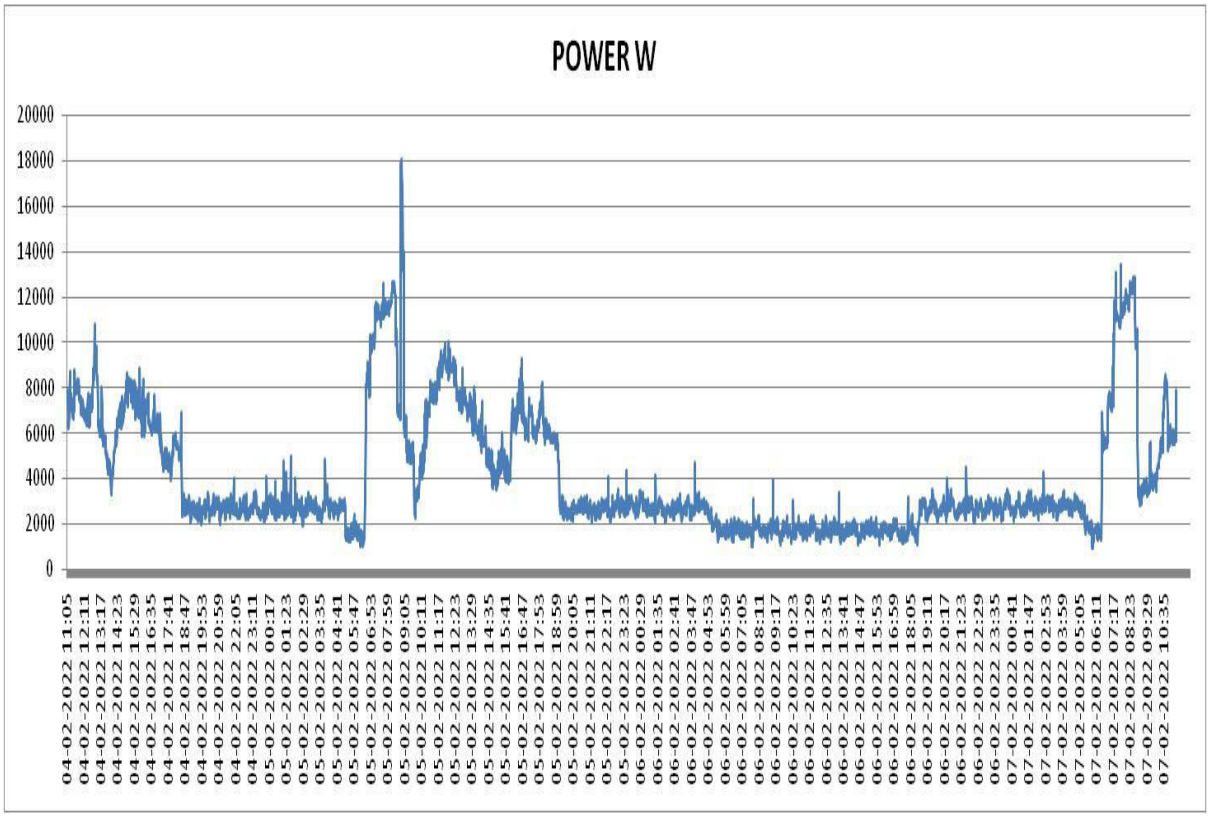
(f)Total Power consumption (including all three phases) on 6th feb 2022



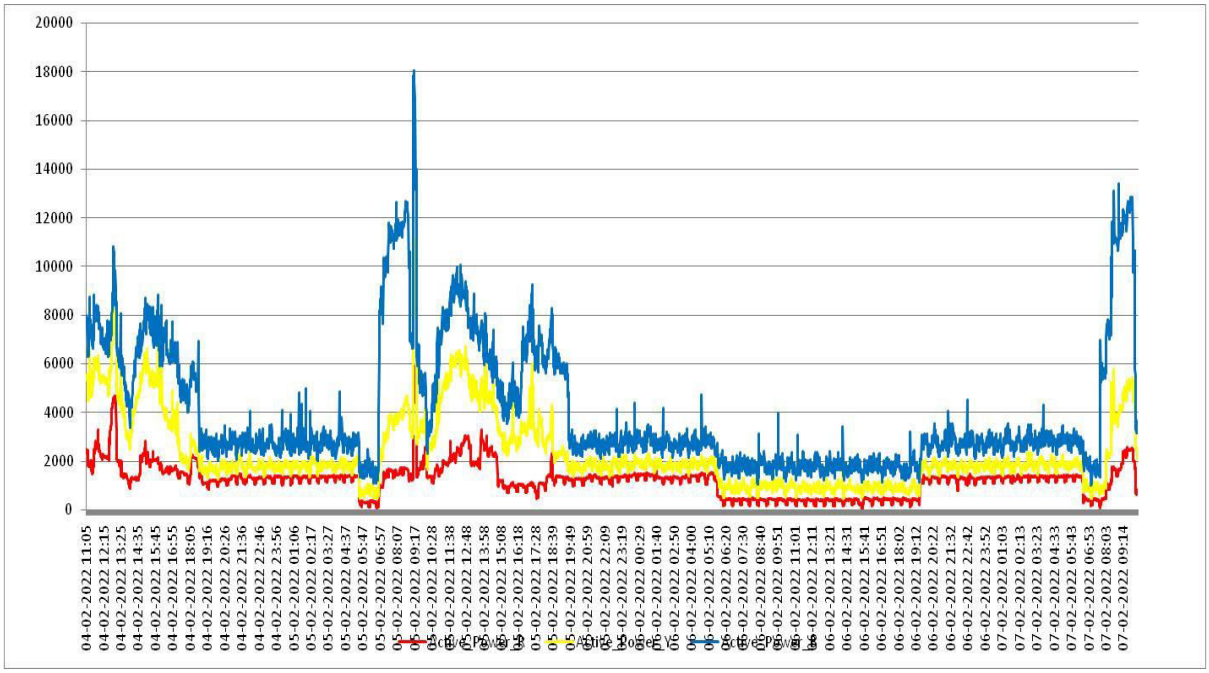
(g)Total Power consumption (including all three phases) on 7th feb 2022



(h)Total Power consumption (including all three phases) on 4th to 7th feb 2022



(i)Total Power consumption (including all three phases) on 4th to 7th feb 2022 (in all three phases)



Phase	R	Y	B	total
Minimum W	162.0573	175.6036	487.9177	990.9067
Maximum W	5913.176	5442.825	9368.284	18061.99
Average W	1222.566	1152.275	1672.354	4047.169

Observation & remark:

- Above graphs are related to new building panel. Old building did not had facility to install data logger.
- There is load un balance in loading on each phase. Blue phase has more load and Red has less load. This will be common in single phase and varying loads. But power on any phase has not crossed any safety limit. Leakage current in neutral is also with in safety limit.

7.4 Energy consumption on different days

(a)New building energy consumption recorded by digital data logger

Average power Friday / Monday (4th & 7th feb2022)	Average power Saturday (5th feb 2022)	Average power Sunday (6th feb2022)
4752.167	5050.741	2178.574
Energy Friday / Monday	Energy Saturday	Energy Sunday
114.052	121.217	52.285
	Total energy for 3 days	287.555

(b)For monthly consumption based on manual data reading at different time interval
(ref chapter TOD)
Calculate based on above for old building

Duration	8 hours	16 hours
Power Average (w)	7000	3000
Energy KWH	56	48
Total KWH (units)	104	per day

(c) Estimated energy consumption per month

	New building KWH (UNITS)	Old building KWH (UNITS)	Total/day KWH (UNITS)	No of days per month	Total KWH (UNITS)
Normal working day	121	104	235	25	5875
Sunday /holiday	52	30	82	5	410
Additional consumption by any event, programs ,etc KWH (UNITS)					715
Estimated energy consumption per month KWH (UNITS)					7000

(d)Peak power consumption (maximum demand)

Old building	11 KW
New building	12 kw
Total	22kw

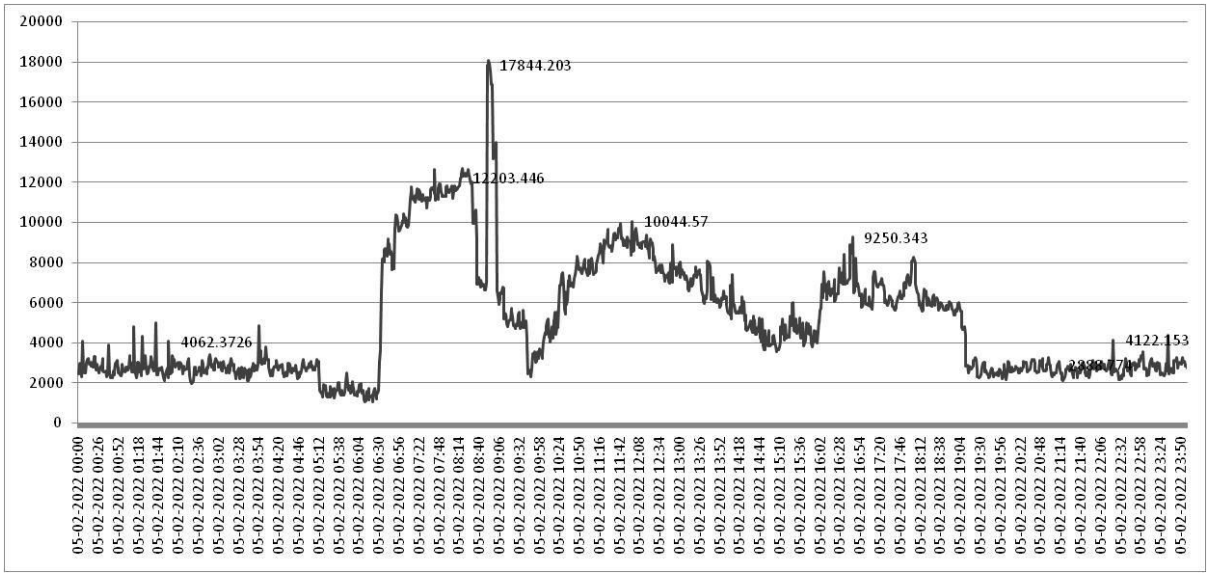
SAY 25 KW (Momentary surge load is not considered)

7.5 TOD ENERGY

TOD (Time of Day) is the term used in energy sector for defining energy consumption on dieerent time of day. It will be usually divided in to four zones or as per need.

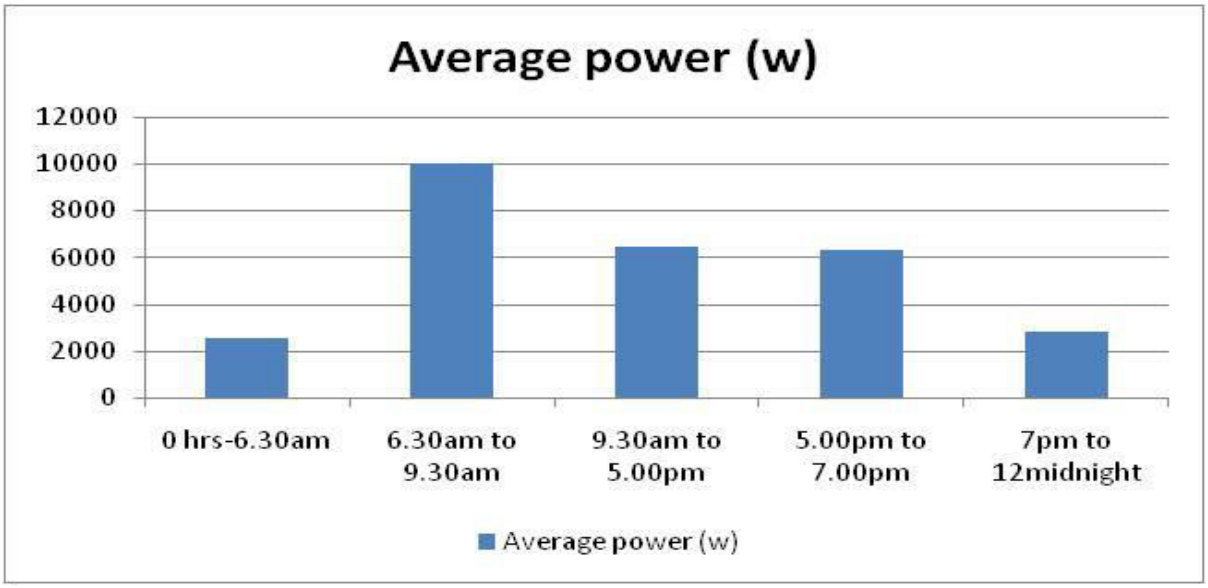
(a) NEW BUILDING

Following graph gives variation on working day 5th feb 2022 Saturday

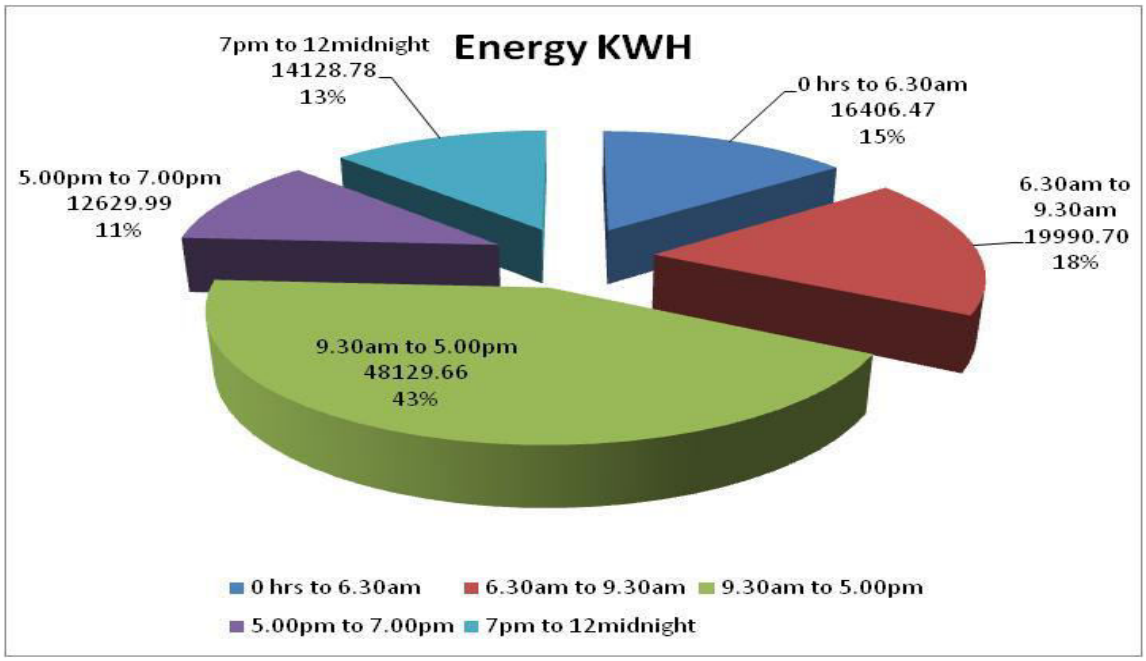


TOD	0 hrs-6.30 am	6.30am to 9.30 am	9.30 am to 5.00pm	5.00pm to 7.00pm	7.00pm to 12midnight
Average Power (w)	2524.072	9995.351	6417.288	6314.996	2825.757
Energy KWH	16.406	19.990	48.129.	12.629	14.128
%	15%	18%	43%	11%	13%

Total 111.285 kwh per day



Energy

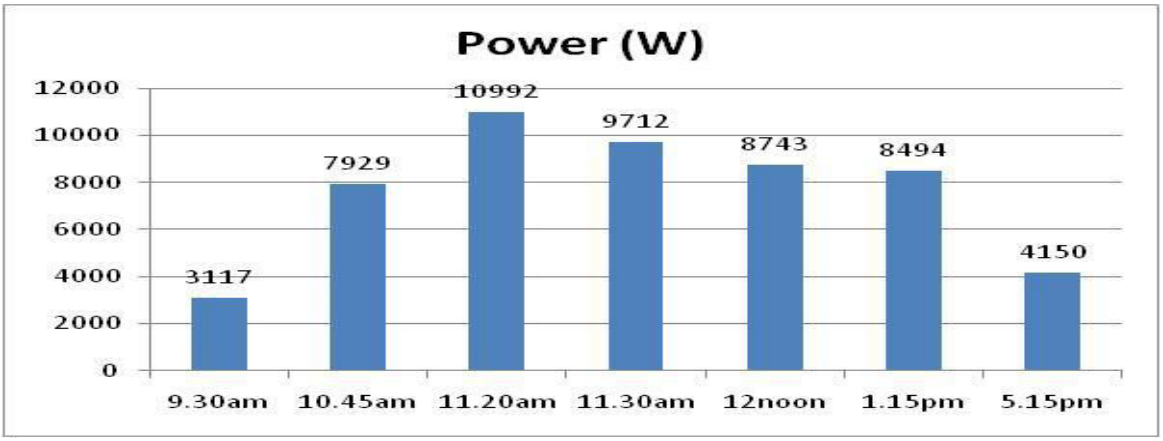


(b) OLD BUILDING;

Date	Time			Total Power(W)
01-02-2022	01:15 PM			
	R	Y	B	
Voltage	238.5	242.6	239	
Current	10.9	11.4	17.8	
PF	0.87	0.9	0.88	
Power (w)	2261.70	2489.08	3743.70	8494.47
Date	Time			
02-02-2022	10:45 AM			
	R	Y	B	
Voltage	231.8	237.3	235.3	
Current	12.9	7.73	18.72	
PF	0.78	0.89	0.9	
Power (w)	2332.37	1632.55	3964.33	7929.26
Date	Time			
02-02-2022	12:00 PM			
	R	Y	B	
Voltage	233.3	237.2	235.9	
Current	12.47	4.76	23.98	
PF	0.84	0.82	0.95	
Power (w)	2443.77	925.84	5374.04	8743.65
Date	Time			
02-02-2022	05:15 PM			
	R	Y	B	

Voltage	245.6	249.5	243.6	
Current	3.45	5.88	10.1	
PF	0.79	0.83	0.92	
Power (w)	669.38	1217.66	2263.53	4150.57
Date	Time			
03-02-2022	09:30 AM			
	R	Y	B	
Voltage	244.6	249.1	244.6	
Current	2.61	4.95	6.81	
PF	0.79	0.89	0.91	
Power (w)	504.34	1097.41	1515.81	3117.56
Date	Time			
04-02-2022	11:20 AM			
	R	Y	B	
Voltage	238.6	242.6	240.6	
Current	17.11	13.3	26.28	
PF	0.69	0.77	0.9	
Power (w)	2816.89	2484.47	5690.67	10992.03
Date	Time			
05-02-2022	11.30am			
	R	Y	B	
Voltage	235.3	243.9	237.9	
Current	13.93	12.45	21.53	
PF	0.8	0.8	0.91	
Power (w)	2622.18	2429.24	4661.01	9712.44

Graph

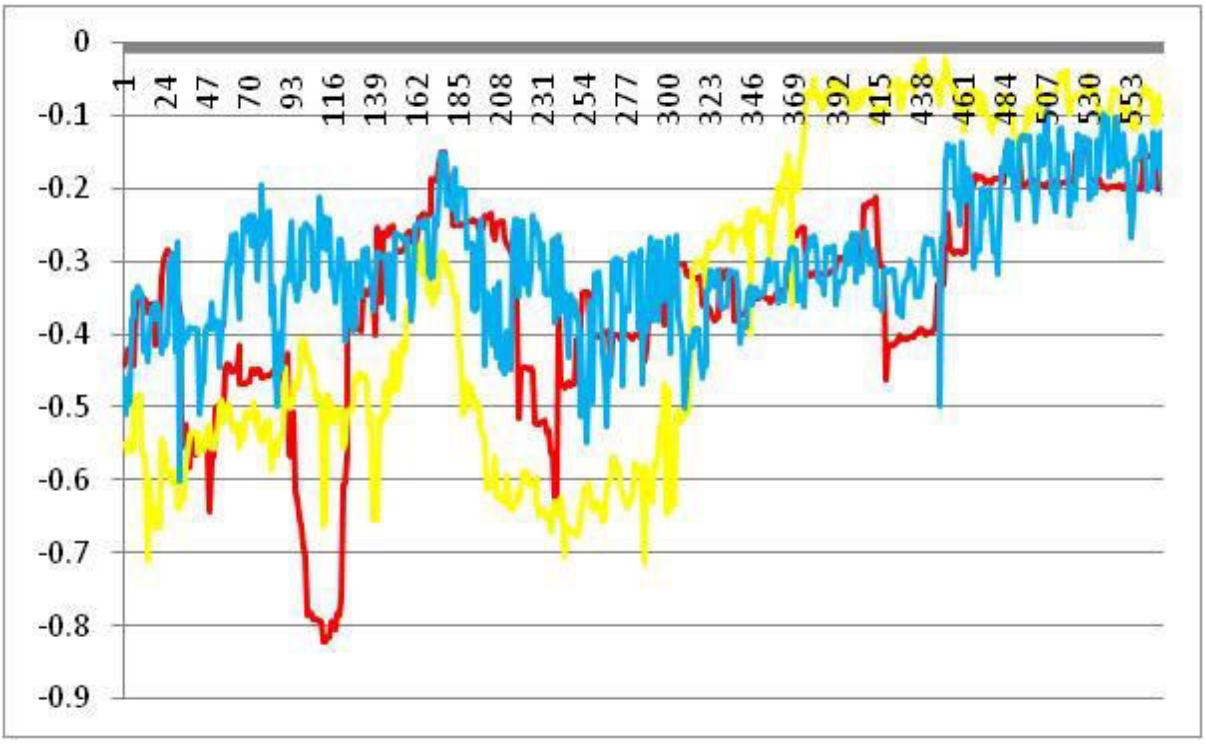


Energy of old building

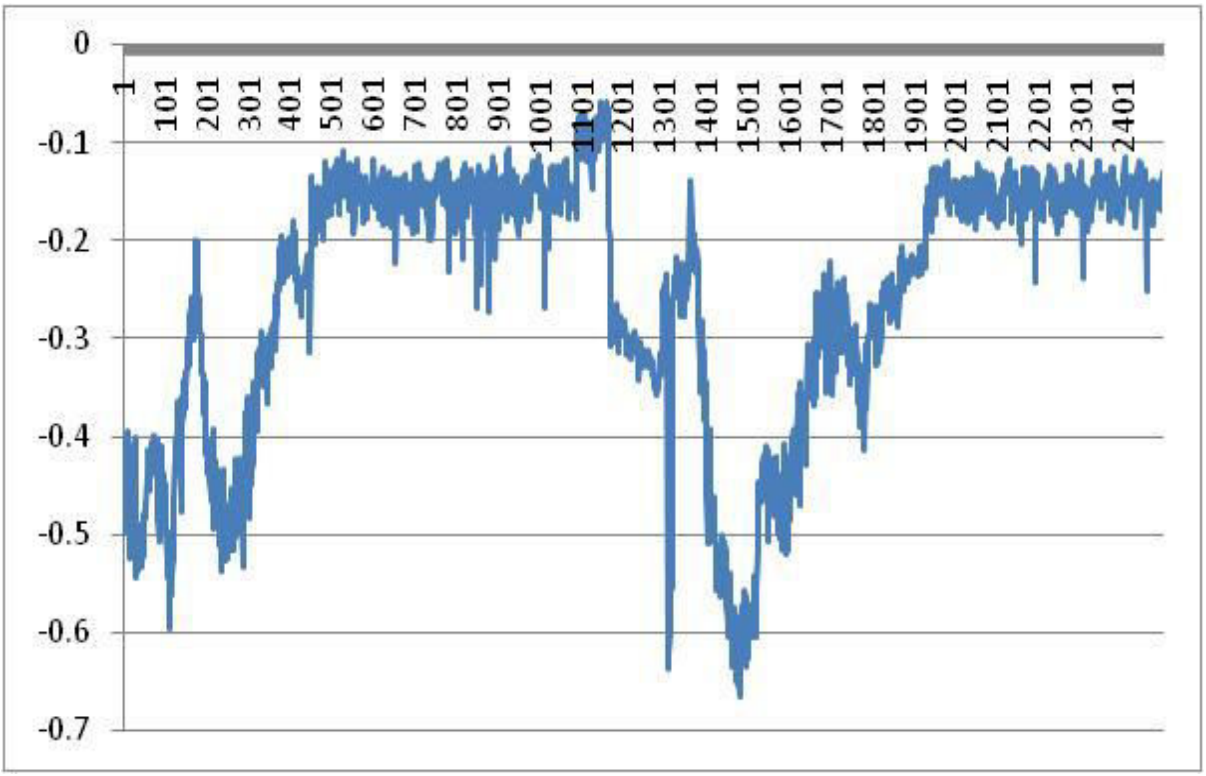
Duration	8 hours	16 hours
Power Average (w)	7000	3000
Energy KWH	56	48
Total KWH (units)	104	per day

7.6 PF variation

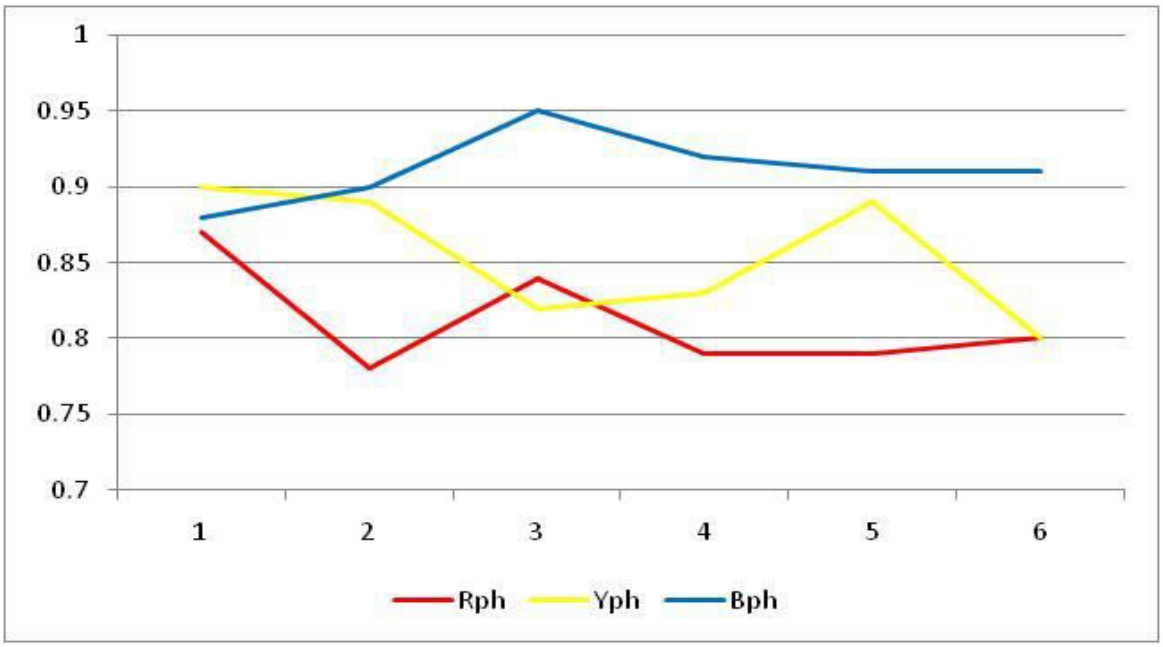
(a) Phase wise PF variation in new building



(b)Total PF variation in new building



(c) PF variation in Old building



Remark:

- Institution has majorly inductive load such as old tube lights, fans & UPS.
- Old building has lagging power factor. New building has lading power factor. In over all the entire premises has maintained good power factor.
- Over rated PF capacitor in new building can be reduced to unity by decreasing capacitor value. In general central power factor correction panel is most suitable for your type of application.

Image of capacitor at new building panel board .

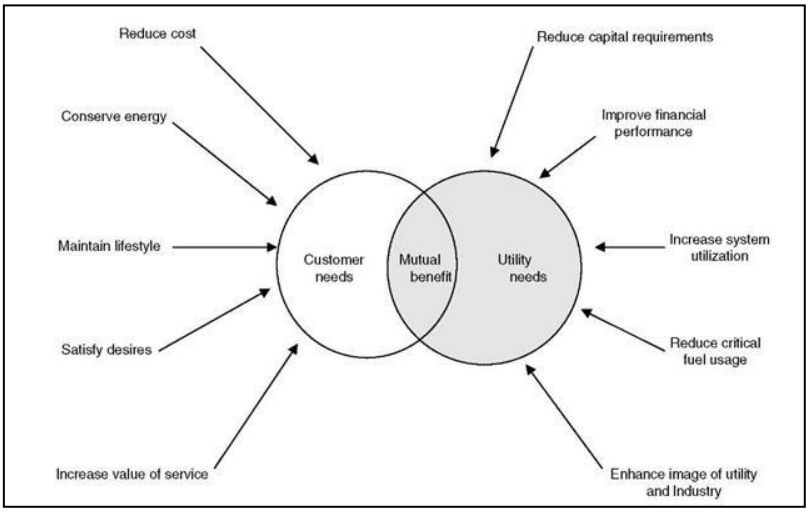
8 DEMAND SIDE MANAGEMENT(DSM)

8.1 Introduction : Demand Side Management (DSM) has been traditionally recognized as one of the major intervention to achieve reduction in energy demands while ensuring continuous development. In recent past, DSM has gained unprecedented importance and has become an integral part of almost all the central and state missions on promotion of Energy Efficiency. DSM interventions have helped utilities not only to reduce the peak electricity demands and but also to defer high investments in generation, transmission and distribution networks.

Demand-side management is the active planning and implementation of programs that will change consumers' use of electricity. These programs may encourage the adoption of more efficient appliances, the use of new technologies, and the time these and other devices are used.Demand-side management programs result from the planning and implementation of those activities designed to influence consumer use of energy in ways that will produce desired changes in the time pattern and magnitude of energy demand. Programs and initiatives falling under the umbrella of demand-side management include load management, new uses, strategic conservation, electrification, and adjustments in the market share of energy-consuming devices and appliances.

In simple way, DSM is analysing the load , equipment efficiency, sizing and usage pattern to optimise energy consumption. However while implanting any changes no compromise has to be made in safety, productivity and comfort level. Amount of investment , pay back period (ROI- Return on investment) amount of waste generation & pay back period will be given due preference.

Demand side management to achieve ENCON (energy conservation) is major and critical phase of any comprehensive energy audit. Such recommendation will be outcome of knowledge, experience, expertise and creativity of audit team



8.2 Details of connected load type, power and statistics in the institution

This chapter is cumulative information of all types of connected load.

Sl no	TYPE OF LOAD	Nos	wattage	Total wattage	% Load
1	Magnetic choke regular Tube	1207	40	48280	24.84459
2	Magnetic choke slim Tube	35	36	1260	0.648388
3	CFL luminary 60 W (2ftX2ft 3 CFL set)	36	60	2160	1.111523
4	Focus Light 100w	2	100	200	0.102919
5	Concealed Round lamp 9 W	82	9	738	0.37977
6	LED Tube	102	20	2040	1.049772
7	Yard light LED	12	20	240	0.123503
8	LED fitting 6inX6in 20 W +bulb	12	20	240	0.123503
9	CFL	1	11	11	0.005661
10	LED luminary	25	20	500	0.257297
11	Ceiling fan Fan (very old)	17	85	1445	0.743588
12	Ceiling fan (old)	376	70	26320	13.54411
13	Ceiling fan (new)	30	55	1650	0.84908
14	Wall Fan	54	60	3240	1.667284
15	Exhaust Fan	4	50	200	0.102919
16	Pedestal Fan	3	60	180	0.092627
17	Projector	30	500	15000	7.718908
18	Computer System	183	200	36600	18.83414
19	Printer with scanner	39	750	29250	15.05187
20	Fridge	20	200	4000	2.058376
21	Freezer	3	350	1050	0.540324
22	Xerox	5	1500	7500	3.859454
23	TV (old + new) 60+80	2	70	140	0.072043
24	Split Air conditioner	8	1500	12000	6.175127
25	Central air conditioner (4 compressors)	1	40	40	0.020584
26	pumps (2 reg + borewell)	3	3	9	0.004631
27	Lab equipments	L/s	avg	20	0.010292
28	Misc (CCTV,RO,UPS CHARGING, etc)	L/S	avg	15	0.007719
	TOTAL CONNCTED LOAD (watt)			194328	100%
	UPS CAPACITY	24	98450	kva	
	Loads wattage are taken as average				

8.3 Load Distribution (Section wise)

Room	OT *	SOT *	Fancy CFL 60W	100W FL*	CRB* 9W	LED Tube	LED Fix *	CFL	*FL Light	V.OCF *	OCF *	NCF *	Wall Fan	Ex Fan *	*S. Fan	Projector	System	Printer scanner	Fridge	Freezer	Xerox	UPS Capacity	TV	A/C
AO Chamber	2												1				1							
PriclAnti Chamber	3	1									1						1	1				1050VA /12VDC	1 (Old)	
Principal Chamber	2					4					2				1/ Old		1	1					1(LCD)	
Society	3														1/ Ol									
Office	9									1	1		5				11	11			2			
Ladies Room	5										1				1							10000VA /180VDC		
Language Lab	4										5						3	2				5000VA /120VDC		
CB Building	304										96													
RB Rooms						60						24												
Class Room Old Building	20										12					1								
Ground Floor	1	3																						
Lecture Hall	3										2													
Room No. 38	12										4					1								
NB Building	84										28					7	7							
NB Building Corridor	21																							
Examination Section	47										10						7					5000VA/120VDC		
Botony Hall	12										10					2								
Electronics	6										4					1								
MicroBiology Lab 1	16										7								1					
MicroBiology Lab 2	14										5					1			2	1				
Staff Room	16							1-11w			5						3	2				5.2kva/72		

OT*- Old Tube SOT* -Small Old Tube FL* - Focus Light CRB* - Conceiled Round Bulb Led Fix* - Led 1/2 Feetx1/2 Feet *FL Light - Fancy Led Light
V.OCF* - Very Old Ceiling Fan OCF* - Old Ceiling Fan NCF* - New Ceiling Fan EX Fan*- Exhaust Fan *S Fan - Stand Fan

Room	OT	SOT	Fancy CFL 60W	100 W FL	CRB 9W	LED Tube	LED Fix	CFL	FL Light	V.OCF	OCF	NCF	Wall Fan	Ex Fan	S. Fan	Projector	System	Printer scanner	Fridge	Freezer	Xerox	UPS Capacity	TV	A/C
ComputerScienceCS/1	18										6						20					5000VA /48VDC		
ComputerScienceCS/2	12										6						30					5000VA /72VDC		
BioChemistry Lab 1	20										6													
BioChemistry Lab 2	14										6			4					1	1		5000VA /72VDC		
Biochemistry Staffroom	16										3						2	2						
Biotec Lab 1	16										4			2					1			3000VA /48VDC		
Biotec Lab 2	14										6								1					
Biotec Staff Room	16										4						1	1						
Molecular Biology Lab 1	18										3					1	1		1	1		1000VA /12VDC		
Molecular Biology Lab 2	14										6					1			3			2000VA /48VDC		
Electronics Lab	12										6					1	3					5000VA /72VDC		
HOD Chamber	4										1						1	1						
Botony	12										6					3								
Botony Corridor	3																							
Botony HOD Chamber	4										2						1	1						
Sangrahalaya	12									4														
Firstfloor Practicalhall	11									2						1								
Practicalpreparationhall	1									1				1										
Practical Hall 1	11									2						1			1					
Staff Room	13									5							4	4						1
Botony PG(Electronics)		4									2						2	2						

OT*- Old Tube SOT* -Small Old Tube FL* - Focus Light CRB* - Conceiled Round Bulb Led Fix* - Led 1/2 Feetx1/2 Feet *FL Light - Fancy Led Light
V.OCF* - Very Old Ceiling Fan OCF* - Old Ceiling Fan NCF* - New Ceiling Fan EX Fan*- Exhaust Fan *S Fan - Stand Fan

Room	OT *	SOT *	Fancy CFL 60W	100 W FL*	CRB* 9W	LED Tube	LED Fix*	CFL	*FL Light	V.OCF*	OCF*	NCF*	Wall Fan	Ex Fan*	*S. Fan	Projector	System	Printer scanner	Fridge	Freezer	Xerox	UPS Capacity	TV	A/C
Class Room 1		12									4													
Class Room 2		4									2													
Botony 2nd floor Lab 3	3					9						6				1	1							
Serculture Room 1	6										4					1	1		1					
Hod Room	3										2						1							
Serculture Practical Hall	10										5					1			2			3000VA /48VDC		
Zoology Lab 1	9										5		1			1	3				1	5000VA /72VDC		
Asha Devi Madam Room	1										2						1	1	1					
Environmental Biology Lab	7										1						3							
Zoology Museum	4																							
HOD Room	3										1						1		1					
Zoology Practical Hall 2	5										2					1	1					3000VA /48VDC		
Class Room	5										4					1	1							
Kannada Staff Room	2												1				1	1						
Geology	10										4						4	2						
Geology Lab	4										3						1							
Geology Museum	6										3													
Geology Lab 2	4										2											Faulty		
Geology Lib	8										2													
Geology Remote Sen. & G/S Lab	14										3						8							
Envirl Science	10										5											2kva/48v		

OT*- Old Tube SOT* -Small Old Tube FL* - Focus Light CRB* - Conceiled Round Bulb Led Fix* - Led 1/2 Feetx1/2 Feet *FL Light - Fancy Led Light
V.OCF* - Very Old Ceiling Fan OCF* - Old Ceiling Fan NCF* - New Ceiling Fan EX Fan*- Exhaust Fan *S Fan - Stand Fan

Room	OT *	SOT *	Fancy CFL 60W	100 W FL*	CRB* 9W	LED Tube	LED Fix*	CFL	*FL Light	V.OCF*	OCF*	NCF*	Wall Fan	Ex Fan*	*S. Fan	Projector	System	Printer scanner	Fridge	Freezer	Xerox	UPS Capacity	TV	A/C
Mathematics Staff Room	6										3						2	2			1	1500VA /24VDC		
Mathematics Lab	2										2					1	25					5200VA /72VDC		2
Statistics Laboratory									25no 2ft								21	2				5000VA /72VDC		3
Board Room	4										4					1								2
BSE 1st Floor Lab 1	6					1					3								1					
Staff Room	3					1					2						1	1						
Physics Staff Room	3					1					2													
HOD Room	2										1						1	1						
Einstein Hall	6										2					1								
BSE 2nd year Lab		6									3													
Physics Lab 3	7										2Faulty											5kva/72		
Physics Lab 4	7										2													
MSE Lab	6												3											
Chemistry Ladies Staff Room	1										1													
Chemistry Gents Staff Room	3	2				1					2						1							
Chemistry Lab 1	8												3											
Chemistry Lab 2	6												4						1			2000VA /24VDC		
Instrument Room	6										1		1											
HOD Staff Room	8										2						2				1			
Store Room	8																							

OT*- Old Tube SOT* -Small Old Tube FL* - Focus Light CRB* - Conceiled Round Bulb Led Fix* - Led 1/2 Feetx1/2 Feet *FL Light - Fancy Led Light
V.OCF* - Very Old Ceiling Fan OCF* - Old Ceiling Fan NCF* - New Ceiling Fan EX Fan*- Exhaust Fan *S Fan - Stand Fan

Room	OT *	SOT *	Fancy CFL 60W	100 W FL*	CRB* 9W	LED Tube	LED Fix*	CFL	*FL Light	V.OCF*	OCF*	NCF*	Wall Fan	Ex Fan*	*S. Fan	Projector	System	Printer scanner	Fridge	Freezer	Xerox	UPS Capacity	TV	A/C
Research Lab	8													4										
Research Lab 2	4										1			1			1							
Chemistry Research Lab	6												1	2										
Chemistry Research Room	5												2											
Chemistry Lab 3	12												5	3 Faulty										
Chemistry Lab 4	12										6		3	3 Faulty										
Chemistry Lab 5	16										6			3					1			2000VA /24VDC		
Chemistry Lab 6	7										4													
Chemistry Lab 7	10										6								1			2000VA /24VDC		
English Staff Room	10										2													
Hindi Department		3											1				1	1						
NSS Room											1													
Food Science HOD Room													5	4			2					5000VA /72VDC		
Food Science Lab	8		6				2*				4													
Gym						25							10											
Auditorium	28		7	2			12+2*			2			3											
Platinum Jubilee Hall	50		23		82								5											4
Yard Light						12																		

OT*- Old Tube SOT* -Small Old Tube FL* - Focus Light CRB* - Conceiled Round Bulb Led Fix* - Led 1/2 Feetx1/2 Feet *FL Light - Fancy Led Light
V.OCF* - Very Old Ceiling Fan OCF* - Old Ceiling Fan NCF* - New Ceiling Fan EX Fan*- Exhaust Fan *S Fan - Stand Fan

8.4 LIGHTING

Light emitting Diodes Popularly known as LEDS are most efficient lighting systems. They produce highest lumens per watt of energy consumed compared to florescent tubes, CFLS, metal halide and mercury sodium vapour lamps. It has better colour rendering index and give cool white light for regular use. Luminous efficacy will be the range of 100 to 120 lumens per watt. Apart from above it doesn't has mercury content as in case of florescent lamps. Other added advantages are high input power factor and low heat dissipation. This low heat dissipation will also help in reducing heat load on air conditioners. Bureau of energy efficiency has made use of LED lights as compulsory measure in its Energy conservation building code.

Institution has very less number of LED lights as discussed in connected load chapter LED constitute less than 5% of other types of loads. We recommend to replace all luminaries to LED, in phased manner. Sample calculation along with pay back on investment along with other advantages is given below.

	Proposal: Changing old tubes to LED tubes	VALUE	remark
A	Present power (Watts)	40	average watts
B	proposed equipment power (watts)	20	watts
C	savings in power per equipment (watts)	20	watts
D	Quantity (nos)	1242	Nos
E	Hour of use per annum (per day X 300 days)	1500	5 hours per day 300days
F	savings KWH per annum (C X D X E)/1000	37260	units
G	cost savings @ rs 7.50/unit (F X 7.50)	279450	Rs per annum (incl tax)
H	Investment per equipment	350	Rs (approximate)
I	Total invest (H X D)	434700	Rs (approximate)
J	Return on investment (ROI) D 14/D11	1.56	years
K	Co2 savings (F x 1.20 kgs) D9*1.2	44712	kgs (based on CEA verl4.O 2018)

Other advantages
Reduction in mercury waste 3 to 5 mg from each tube /CFL
easy to handle after end of life
improved power factor (PF)
Recommendation:
To replace all lights to LED in phased way
Tubes which are in regular use can be replaced on priority
LED lights have about 50000 hours life

Note:
yard has 100w 2nos focus lamp which can be converted to LED of 50w
CFL fittings are used in auditorium & other places.
CFL can be replaced to LED, only when present luminary burns out
Pay back period varies depending on actual purchase cost, usage, buy back,tax etc

8.5 FANS

Introduction : Most of the fans used in building are ceiling fans with 1200mm sweep. How ever fans can be of different sizes. Based on blade size of fan BEE has fixed air delivery and power consumption, which is termed as service value .

Sr No	Fan Blade Size(mm)	Minimum Air Delivery (m^3/minute)	Minimum Service Value (m^3/minute/Watt)
1	900	130	3.1
2	1050	150	3.1
3	1200	210	4.0
4	1400	245	4.1
5	1500	270	4.3

New BEE Star Rating Table

Star rating plan table based on the fan blade size is divided into two parts:

1. For sweep size<1200 i.e., for blade sweep of 900 mm and 1050 mm following would be the star rating plan:

Star Rating	Service Value
1 star	≥ 3.1 to < 3.6
2 star	≥ 3.6 to < 4.1
3 star	≥ 4.1 to < 4.6
4 star	≥ 4.6 to < 5.1
5 star	≥ 5.1

2. For sweep size ≥ 1200 mm i.e., for blade sweep of 1200 mm, 1400 mm and 1500 mm the star rating plan would be as shown in the table below. Only the 1 star rated value is different for three different sweep sizes; rest others are same:

Star Rating	Service Value
1 star	≥ 4.0 to < 4.5 for 1200 mm ≥ 4.1 to < 4.5 for 1400 mm ≥ 4.3 to < 4.5 for 1500 mm
2 star	≥ 4.5 to < 5.0
3 star	≥ 5.0 to < 5.
4 star	≥ 5.5 to < 6.0
5 star	≥ 6.0

As evident from the above table, for the fans with the blade sweep of 1200 mm and above (that's where the majority of ceiling fans lies) to achieve a 5-star rating, it would require a *service value* of minimum 6.0. This is difficult for the fans running on an induction motor. We reckon that newer 5-star rated models would mostly be powered by BLDC motors. And this is good news because BLDC motor is much more energy-efficient and makes it possible for added functionality like wireless control (remote control). You can read how BLDC fan can actually help you to reduce your electricity bills by up to 65% .

	proposal: replacing very old & old ceiling fan to BLDC fan		remark
A	Present power (Watts)	80	average
B	proposed equiment power (watts)	30	BLDC advance technology
C	savings in power per equipment	50	
D	Quantity (nos)	393	17 very old + 376 old
E	Hour of use per annum (perday X 300 days)	1500	3 hours per day 300days
F	savings KWH per annum (C X D X E)/1000	29475	units
G	cost savings @ rs 7.50/unit (F X 7.50)	221062.5	Rs per annum (incl tax)
H	Investment per equipment	2500	Rs (aproximate)
I	Total invest (H X D)	982500	Rs (aproximate)
J	Return on investment (ROI) I/G	4.44	years
K	Co2 savings (F x 1.20 kgs) F X1.2	35370	kgs (based on CEA verl4.O 2018)

Other advantages
Low noise level, improved PF
recommendation:
Replace stage by stage . Considering usage level & preset fan condition
Very old fans can be replaced on priority
Note: these fans have remote control, it may be difficult to manage in class rooms
Pay back period varies depending on actual purchase cost, usage, buy back,tax etc

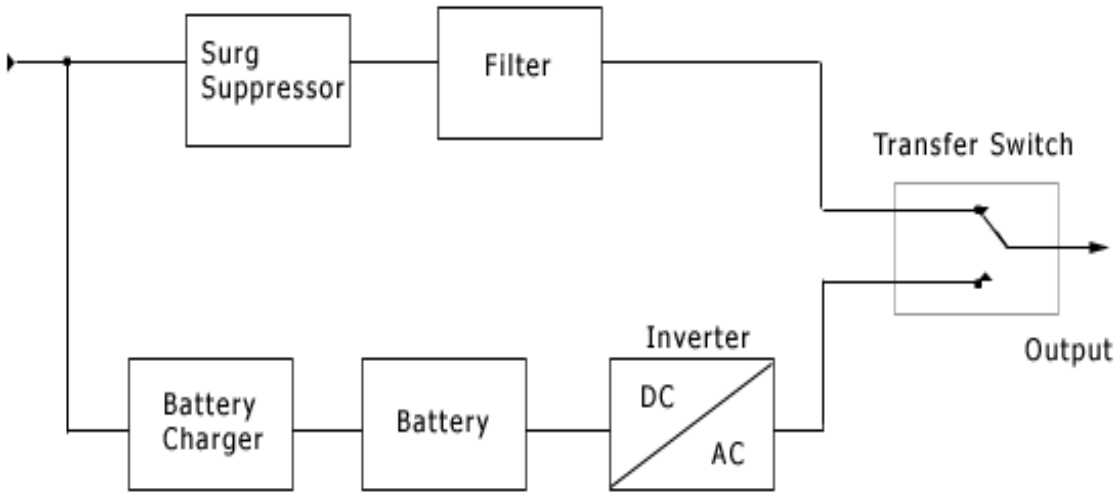
BLDC ceiling fan is one type of ceiling fan which consumes lower electricity compare to normal induction fan. It's also called energy saving fan or brushless dc fan. The full form of BLDC is **Bush Less Direct current**. With the use of BLDC motor in ceiling fan we can save 50% electricity in the ceiling fan. These fans will run & controlled by electronic circuitry. IR based remote controls will be used instead of present conventional fan regulators to control the speed

.

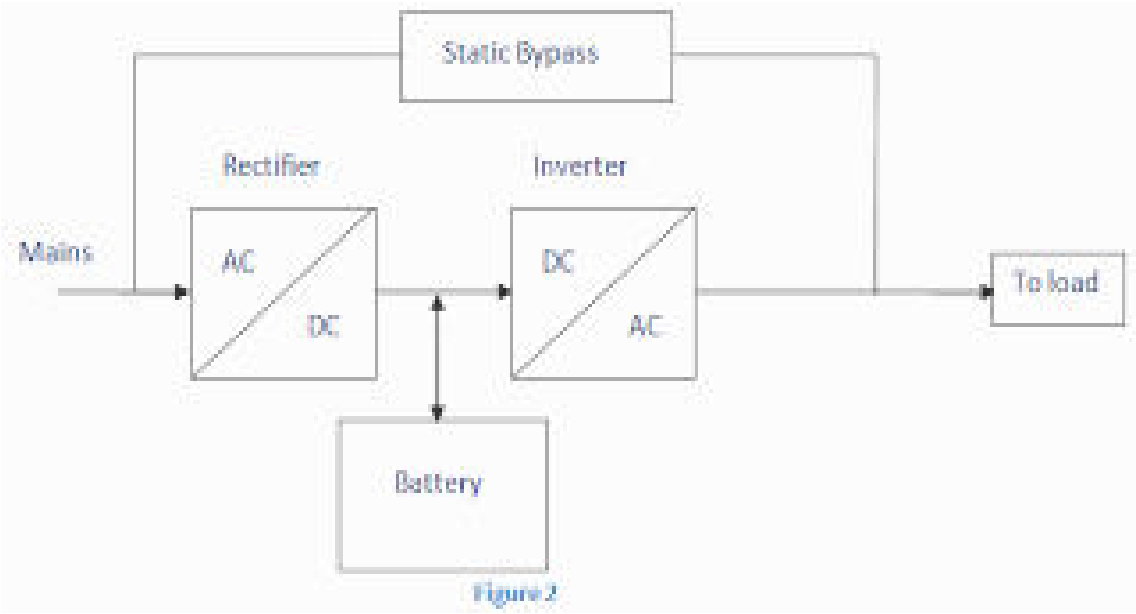
8.6 UPS

Introduction: Uninterrupted Power Supply systems are integral part of any building. It may be used for emergency lighting or for computer and related systems. There are two major types of UPS. One is off line UPS and another is online UPS. Offline UPS takes power from mains when there is regular power supply and draws power from battery when regular power supply fails. Online UPS on other hand works on continuous double conversion. In simple words there is continuous conversion of Dc (battery) power to Ac (regular power) and Ac power to DC. Hence Online UPS consume more energy than off line. However for more sophisticated equipments online UPS gives more stable power.

OFF LINE UPS



ONLINE UPS



Location	UPS Make	Nos. of Battery	Types of Batteries	Capacity (KVA)	VDC	AH	UPS TECH	Remark
Principal Auto & Chamber	Luminous	1	Tubular	1.05	12	100	Offline	
Ladies Room	Luminous	15	Tubular	10	180	100	Online	
Language Lab	Procom	10	Tubular	5	120	100	Online	
Examination Section	Procom	10	Tubular	5	120	100	Online	
Staff Room	Luminous	6	SMF	5.2	72	100	Offline	
Computer Science CS/1	TPC Sine Wave	4	Tubular	5	48	100	Offline	
Computer Science CS/2	Procom	6	Tubular	5	72	100	Online	
Bio Chemistry Lab 2	Procom	6	Tubular	5	72	100	Online	
Biotec Lab 1	Procom	4	Tubular	3	48	100	Offline	
Molecular Biology Lab 1	Genesis	1	Tubular	1	12	100	Online	HFOL
Molecular Biology Lab 2	Genesis (Online)	4	SMF	2	48	100	Online	HFOL
Electronics Lab	Procom	6	Tubular	5	72	100	Online	
Serculture Practical Hall	Procom	4	Tubular	3	48	100	Offline	
Zoology Lab 1	Procom	6	Tubular	5	72	100	Online	
Zoology Practical Hall 2	Procom	4	Tubular	3	48	100	Offline	
Geology Lab 2 UPS - 1	Inteligent	1	Tubular	1	12	100	Offline	Faulty
Geology Lab 2 UPS - 2	Inteligent	1	SMF	1	12	100	Offline	Faulty
Environmental Science	Digital Inverter	2	Tubular	2	24	100	Offline	
Mathematics Lab	Luminous	6	Tubular	5.2	72	100	Offline	
Statistics Laboratory	Procom	6	Tubular	5	72	100	Online	
Physics Lab 3	Procom	6	Tubular	5	72	100	Online	

Chemistry Lab 2	Silicon	2	Tubular	2	24	100	Offline	
Chemistry Lab 5	Silicon	2	Tubular	2	24	100	Offline	
Chemistry Lab 7	Silicon	2	Tubular	2	24	100	Offline	
Food Science HOD Room	Procom	6	Tubular	5	72	100	Online	
Total	**25**	**121**		**93.45**				

UPS	**Nos. of UPS**	**KVA**
Online UPS	12	58
Offline UPS	13	35.45
Approximate Loading 30-40%		

Battery Type	**Weight*Nos. of Batteries**	**Total Weight**
100 AH Tubular	21 KG Each*110	2310 KG
100 AH SMF	32 KG Each*11	352 KG
Total Lead		**2662 KG**

Remark:
All UPS are loaded at 30-40% most of the time.

All the batteries are of higher capacity for longer back up

Online UPS have medium PF of 0.7 to 0.8.

Overall efficiency of online UPS is about 60-75%,.
Recommendations:

1) It is planned to have generator backup for the new building. Battery capacity can be reduced after generator back up is provided. This will reduce cost & lead waste generation.

2) UPS front switch can be switched off during Sundays and night hours to reduce no load loss.

3) Battery charging current during above non working time can be reduced by use of SMPS charger. This will enhance battery life and reduce risk of UPS fail in night time.

4) Offline UPS with static changeover, IGBT design is more energy efficient. This will reach the need of many appliances of less than 5 KVA capacity.

5) Energy saving by output off in night time (online UPS only)

No load loss of inverter section 100w x 12 nos	= 1200watts
Considering 16 hours per day X 365 days Of no load running	=1.2kwx 16 x365 =7008 units per annum
Investment	nil
Pay back period	immediate
Cost savings @ 7.50 per unit	7008 X 7.5 = 52560/- Rs
Co2 saved at 1.2kg/unit	8410 kgs per annum

6) Energy savings by using SMPS charger in night time:

Power savings in online UPS by using SMPS Charger	50w x 12no s= 600w
Energy savings 6 hours per day X 365 days By SMPS charger	= 0.6 kw x 16 x 365= 3504 units per annum
Cost savings @ 7.5 rs per unit x 3504 units	26280/- per annum
Cost of SMPS charger rs 5000/- X 12nos	60,000/- Rs
Pay back period	60000/26280 = 2.2 years
Co2 saved @1,2 kgs per unit	31526 kgs pr annum
Other advantages	Enhance in battery life Protection to UPS in night time Improved power factor

8.7 Computers and Accessories

With increase in IT utilization in education system and e learning resulted in more such connected load. The other impact include increase in UPS capacity, battery capacity and e waste generation.
The accessories include computers, projector, printer with scanner and multi functional printer. The total number of accessories and its wattage details are as follows:

Accessories	Total Qty	Capacity in Watts
Computer	183	200-300
Projector	30	500-750
Printer with scanner	39	750-1000
Multi-functional printer(Copier)	5	1200-2000
Total	257	-

Remarks: Printers and scanners can be turned off when not in use for a long time. This can save the energy.

Recommendation:

1) It is recommended to replace the old monitors and use the new LCD/LED monitors which can save energy.
2) Re use of entire system or spares will reduce E waste to larger extent.
3) Scarp computers to be handed over to authorized e waste recycler only.

8.8 Pumps

Pumps capacity depends on flow and head. Pumps can work more efficiently if it works at a particular point called “Best Efficiency Point”(BEP). In general pump overall efficiency varies between 50 to 70%. BEE gives star rating for the pumps to indicate energy efficiency level. Use of low resistance pipes, reduction of bends will reduce load on pump. Water conservation and pump automations are other simpler way to conserve energy.

There are three pumps in the campus but 2 pumps are in regular use for kaveri water and 1 pump is used occasionally for bore well water.

PUMP EVALUATION DATA & READINGS
DATE & TIME – 01/02/2022 & 12:20PM
LOCATION – Near Botany

CAPACITY	3 HP or 5hp
TYPE	SUBMERGED
MAKE/ MODEL	-
YEARS OF USE	
STAGE(SUB PUMP)	
REPAIRS/REWOUND	-
WATER FLOW FROM/TO	GLR to Old Building
SUCTION HEAD	0
DELIVERY HEIGHT	60 - 70 Feet
LENGHT OF PIPE	60 - 70 Feet
TYPE OF PIPE	PVC
DIA OF PIPE	4”
USAGE PER DAY	1 Hour 30 Minutes Per Day
CURRENT -R	6.35
CURRENT - Y	6.53
CURRENT -B	6.27
PF	0.8
VOLTAGE- R	239.3
VOLTAGE- Y	240

VOLTAGE- B	245
VOLTAGE- RY	419
VOLTAGE- YB	421
VOLTAGE- BR	415
WATER TDS	151

Power in put = 3782 kw

PUMP EVALUATION DATA & READINGS FORMAT

DATE & TIME – 01/02/2022 & 11:20AM

LOCATION – Near Canteen

CAPACITY	5 HP
TYPE	SUBMERGED
MAKE/ MODEL	-
YEARS OF USE	
STAGE(SUB PUMP)	
REPAIRS/REWOUND	-
WATER FLOW FROM/TO	GLR to New Building Tank
SUCTION HEAD	0
DELIVERY HEIGHT	50 - 60 Feet
LENGHT OF PIPE	50 – 60 Feet
TYPE OF PIPE	PVC
DIA OF PIPE	4”
USAGE PER DAY	1 Hour 30 Minutes Per Day
CURRENT -R	8.21
CURRENT - Y	8.66
CURRENT -B	8.37
PF	0.78
VOLTAGE- R	240.3
VOLTAGE- Y	243.5
VOLTAGE- B	244.1

VOLTAGE- RY	425
VOLTAGE- YB	427
VOLTAGE- BR	423
WATER TDS	151

Power in put =4328kw

Remarks:

1) Present pumps are working with the specified power limit. Current & power factors are within limit and balanced in all three phases.

2) But records related to capacity of pump, make, model, date of installation were not available to access exact efficiency level.

Recommendation::

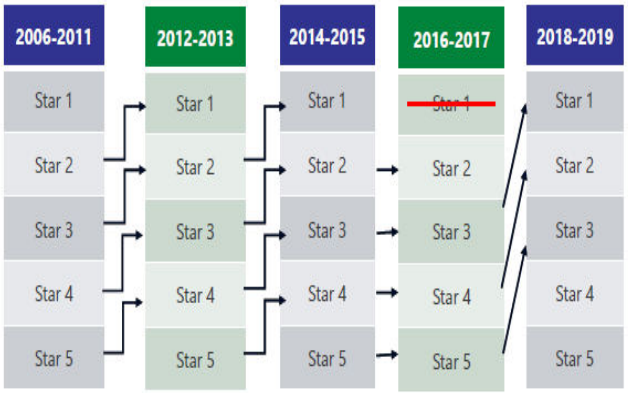
1) Pumps can be automated with auto on-off or timer control or indicative buzzer can be fixed.

2) Always recommended to buy five star rated pump

3) Head & flow has to matched for optimum efficiency level

8.9 Air Conditioners

Introduction: in any building, air conditioners are used for comfort purpose along with dust free and controlled environment in computer server rooms or labs. Majority of air conditioners will be split air conditioners of direct expansion type. Large buildings with central air conditioning will have duct based central units. BEE has set standards for split air conditioner energy efficiency levels. Based on energy efficiency Star rating will be given. These standards will vary in accordance with technological advancement. Example is given below



2016 - 2017

Star Level	Min EER	Max EER
Star 1	2.70	2.89
Star 2	2.90	2.99
Star 3	3.10	3.29
Star 4	3.30	3.49
Star 5	3.50	-

Along with equipment efficiency, usage pattern, reduction of heat gain ,set temperature & maintenance will play important role in energy conservation. BEE has recommended to set temperature to above 24 deg C for comfort use.

Different types of refrigerants are used in air conditioners. Among them R11 and R22 have more global worming potential and are out dated now. R410 is currently used refrigerant. Replacing R11 and R22 by R410 is not technically feasible.

There are totally 8 Split acs & one central AC at auditorium. The details are given below:

Location	Botany Staffroom
Make	Volts
Star Rating	3 Star (EER - 3.51)
Capacity	1 TR
Type of Compressor	Non-Inverter
Refrigerant	R22
Input Power	1002 W
Cooling Capacity	3520 W
Year of Manufacture	2018

Location	Statistics Lab
Make	LG
Star Rating	2 Star (EER - 3.0)
Capacity	1.5 TR
Type of Compressor	Non-Inverter
Refrigerant	R22
Input Power	1460 W
Cooling Capacity	4600 W
Year of Manufacture	2014

Location	Maths Lab
Make	LG
Star Rating	2 Star (EER - 3.0)
Capacity	1.5 TR
Type of Compressor	Non-Inverter
Refrigerant	R22
Input Power	1460 W
Cooling Capacity	4600 W
Year of Manufacture	2014

Location	Maths Lab
Make	LG
Star Rating	2 Star (EER - 3.0)
Capacity	1.5 TR
Type of Compressor	Non-Inverter
Refrigerant	R22
Input Power	1460 W
Cooling Capacity	4600 W
Year of Manufacture	2014

Location	Statistics Lab
Make	LG
Star Rating	2 Star (EER - 3.0)
Capacity	1.5 TR
Type of Compressor	Non-Inverter
Refrigerant	R22
Input Power	1460 W
Cooling Capacity	4600 W
Year of Manufacture	2014

Location	Statistics Lab
Make	LG
Star Rating	2 Star (EER - 3.0)
Capacity	1.5 TR
Type of Compressor	Non-Inverter
Refrigerant	R22
Input Power	1460 W
Cooling Capacity	4600 W
Year of Manufacture	2014

Location	Board Room
Make	LG
Star Rating	2 Star (EER - 3.0)
Capacity	1.5 TR
Type of Compressor	Non-Inverter
Refrigerant	R22
Input Power	1460 W
Cooling Capacity	4600 W
Year of Manufacture	2014

Location	Board Room
Make	LG
Star Rating	2 Star (EER - 3.0)
Capacity	1.5 TR
Type of Compressor	Non-Inverter
Refrigerant	R22
Input Power	1460 W
Cooling Capacity	4600 W
Year of Manufacture	2014

Remark:

- All air conditioners are in working condition
- Usage is very much limited
- Present Acs are 2 & 3 star rated
- Refrigerants used in air conditioners are R1 & R22
- Recommendations:
- Presently used Acs are having EER of 3 to 3.51 . Air Conditioners with 5 star ratings have EER of 5.0
- ACs with inverter technology will save energy & there will not be any starting surge
- Present ACs use more environmental friendly Refrigerant R410a , than present R11 or R22

We suggest to buy 5 star rated Air Conditioners with inverter technology and R410 a refrigerant in future
Recommended to use occupancy sensors , wherever applicable.
BEE recommends st temperature for comfort use as min 24 deg C.
Every degree increase in set temperature will save about 6% of energy

8.10 Refrigerator

There are 20 Refrigerators and 3 Freezers for lab usage and other purpose in the college. The energy consumption depends on doors of a refrigerator, such as single door and double door. Because single door fridge doesn't de-frost the ice but double door fridge automatically de-frosts the Ice. So, double door fridge consumes more energy. It also depends on the size of a refrigerator. Refrigerators details which are used in the campus are as follows:

Location	Principal Auto & Chamber
Make	Godrej
Star rating	5 star
Model/Year	GDE 19 B1/2010
Units Per Year	262 Units
Storage Volume	178 Ltrs.

Location	Bio Chemistry Lab 2
Make	Samsung
Star rating	3 Star
Model/Year	RT37K3993SL/HL/2016
Units Per Year	265 Units
Storage Volume	321 Ltrs.

Location	Micro Biology 1
Make	Samsung
Star rating	3 Star
Model/Year	
Units Per Year	265 Units
Storage Volume	320 Ltrs.

Location	Bio Tech Lab 1
Make	LG
Star rating	5 Star
Model/Year	GL-338VA5/2010
Units Per Year	402 Units
Storage Volume	290 Ltrs.

Location	Micro Biology 2
Make	Samsung
Star rating	4 Star
Model/Year	RT23/2009
Units Per Year	433 Units
Storage Volume	208 Ltrs.

Location	Bio tech Lab 2
Make	LG
Star rating	4 Star
Model/Year	GL-325/2008
Units Per Year	490 Units
Storage Volume	274 Ltrs.

Location	Micro Biology 2
Make	Samsung
Star rating	No star label
Model/Year	RT45LSPN1/2011
Units Per Year	325 Units
Storage Volume	359 Ltrs.

Location	Molecular Biology Lab 1
Make	Samsung
Star rating	2 Star
Model/Year	N/A
Units Per Year	390 Units
Storage Volume	400 Ltrs.

Location	Sericulture Practical Hall
Make	Any
Star rating	No star label
Model/Year	
Units Per Year	70 Units
Storage Volume	50 Ltrs.

Location	Molecular Biology Lab 2
Make	Samsung
Star rating	4 Star
Model/Year	RT34/2008
Units Per Year	494 Units
Storage Vol.	319 Ltrs.

Location	Zoology
Make	Samsung
Star rating	4 Star
Model/Year	RR1914ASBSC/TL/2013
Units Per Year	310 Units
Storage Volume	183 Ltrs.

Location	Ashadevi Room
Make	Videocon
Star rating	4 Star
Model/Year	VRE184/2011
Units Per Year	114 Units
Storage Volume	166 Ltrs.

Location	BSE 1st Year Lab
Make	Godrej
Star rating	No star label
Model/Year	
Units Per Year	100 Units
Storage Volume	100 Ltrs.

Location	Chemistry Lab 2
Make	LG
Star rating	4 Star
Model/Year	GL-D201AMHL/2016
Units Per Year	245 Units
Storage Volume	180 Ltrs.

Location	Chemistry Lab 5
Make	Godrej
Star rating	3 Star
Model/Year	GFE25AC/2009
Units Per Year	533 Units
Storage Volume	199 Ltrs.

Location	Molecular Biology Lab 2
Make	Samsung
Star rating	No star label
Model/Year	
Units Per Year	300 Units
Storage Vol.	300 Ltrs.

Location	Practical Hall 1
Make	Godrej
Star rating	No star label
Model/Year	
Units Per Year	100 Units
Storage Vol	100 Ltrs.

Location	Sericulture Room 1
Make	LG
Star rating	5 Star
Model/Year	GL-195NP5/2010
Units Per Year	244 Units
Storage Vol.	175 Ltrs.

Location	Sericulture Practical Hall
Make	Samsung
Star rating	2 Star
Model/Year	RT26H3000SC/TL/2014
Units Per Year	383 Units
Storage Vol	228 Ltrs.

Location	Molecular Biology Lab 2
Make	LG
Star rating	4 Star
Model/Year	GL-244GP4/2008
Units /Year	450 Units
Storage Vol	203 Ltrs.

Remarks: There are different types of star rating labels for different refrigerators. The following are the total number of refrigerators with different types of ratings:

Rating	Qty
2 Star	2
3 Star	3
4 Star	7
5 Star	3
No star	5

The total energy consumption by these refrigerators is 6175W.

Recommendation:
It is recommended to buy 5 star rated refrigerators in future.
Presently used old refrigerators (without any star label) can be replaced , only if it fails to function.

8.11 AUTOMATION

Automation describes a wide range of technologies that reduce human intervention in processes. Human intervention is reduced by predetermining decision criteria, sub process relationships, and related actions — and embodying those predeterminations in machines.

Automation,[1] includes the use of various equipment and control systems such as machinery, processes and other applications with reduced human intervention.

Automation covers applications ranging from a household thermostat controlling , to a large industrial control system with tens of thousands of input measurements and output control signals. Automation has also found space in all the b sector. In control complexity, it can range from simple on-off control to multi-variable high-level algorithms.

Upcoming trends includes IOT (internet of things) AI (artificial intelligence) & ML (machine learning)

Advantages

1)Accuracy 2)Reduced human error

3) Energy savings 4)Enhanced life of equipments

Based on study we conducted at your institute, we recommend following automation systems.

1)Energy monitoring & recording (EMS) at two locations: One at new building panel board & another at old building panel board). This will record and store all power parameters. Institution doesn't has separate meter at present and paying energy charges to university. Using this data voltage , load and energy consumption can be recorded periodically.

2)Pump control (total automation or timer or buzzer indication); Presently water pump is witched on & off manually. Automatic control will reduce human interface and avoid dry and over flow condition. An hour meter can be fixed to records hours of pump usage. This hour meter reading will also help to evaluate energy consumption and water usage OR Timer control to switch off pumps can be adopted. This will reduce chances of forgetting switching off the pump. However automatic 'on-off' will give complete solution

3)Auto day & night switch for yard lighting or timer based control: Yard lights are switche on & off manually at present. There i every chance that these lights are switchd on early than needed or switched off late. To avoid such condition automatic day night switch can be installed. These switches has to be installed to street light circuit or to any high power lights directly.

4)Occupancy based exhaust fan control in rest rooms & labs : there are chances that exhaust fans run unnecessarily. Occupancy sensors will switch off fans after pre fixed time, when there is no occupancy.

5)IR based occupancy control for air conditioners: Air conditioners take heavy power. An .5 ton air conditioner will draw about 7 to 8 amps of current. An Infra red (IR) based occupancy sensor can be fixed to reduce unoccupied usage. But these can be used where air conditioners are used for human comfort , not for any process control or lab purpose. .

8.12 LUX Level

Introduction: Lux is luminous flux in unit area. It is a measure of light. Improper design of lighting system or less opening to natural light will reduce the lux level. National Building code has given standard of lux level for different applications. Class rooms and office rooms needs minimum 200 lux for comfortable working. (One lux is one lumen of light distributed evenly in one sq meter.

In the old building of the campus, there is no sufficient day light as well as old tubes are used and LED lights are not used. So, the lux level is very low. Low lux level will result in fatigue and disorientation and eyes will get strained. Some rooms are having sufficient level of lux in the old building. Lux level should be 200 to 300 .

We have done a sample survey in between October to November where there is no much sun light during those days.

Recommendation: We recommend to replace faulty lights in these rooms by new LED lights .

Old building random survey

Room	**LUX**	Old building- floor
Class Room 1 (Botany dept.)	298	First Floor
Practical Hall 1 (Botany dept.)	153	First Floor
Sericulture Practical Hall (Botany dept.)	90	First Floor
Zoology Lab 1	147	First Floor
Geology Lab	58	First Floor
Mathematics Lab	132	First Floor
Board Room	88	First Floor
Physics Lab 3	50	Ground Floor back side
Physics Lab 4	103	Ground Floor back side
Chemistry Lab 1	54	Ground Floor back side
Chemistry Lab 2	60	Ground Floor back side
Chemistry Lab 3	200	Ground Floor back side
Chemistry Lab 5	114	Ground Floor back side

New building details:

In the new building is having good day light as well as lights are working. lux level is very good and sufficient on the work plane or benches.

Floor	Room	LUX Level
Ground floor	Molecular Biology Lab	125
	Molecular Biology Staff room	143
	Biotechnology Lab	164
First floor	Bio Chemistry Lab	169
	Micro Biology Lab	120
Second floor	Computer Lab	206
	Computer Lab Staff room	223

Floor	Room	LUX Level
	CB Building	
Ground floor	CB 5	213
	CB 12	219
First floor	BBA	230
	MBA	249

LUX WITHOUT LIGHTS (Natural day light)

RB Building	LUX Level
RB 1	174
RB 3	130

Images taken at various locations

8.13 Water TDS (Hardness)

Introduction: TDS represents total dissolved salts in water. Water will have lots of minerals which are useful for human body. There are calcium and sodium salts also in water which makes water "hard". Such hardness will cause lots of other problems. These salts will deposit in water pipe lines, electric heaters, and solar water heaters. Water hardness is measured by PPM (Parts Per Million). Any water with less than 150 ppm will not cause any problem and more than 250 PPM causes many problems.

Institution's main source of water is Corporation water (Kaveri). When we have measured TDS by PPM Meter, we found out the PPM is 125 to 150ppm So, water is less hard. College is using RO plant for purifying the water for drinking purpose. After purifying the water, TDS is 10ppm PPM. It can up to 75 PPM. The waste water which comes out after purifying by RO Plant is used for plants and trees.

8.14 Natural Day light and ventilation

In the old building there is less natural day light because of small windows. In the new building, there is a good natural day light because of wide windows. Ventilation is good in both the buildings.

8.15 Electrical Panel boards

Yuvraja college has two blocks , old building & new building. Both have separate electrical panel boards. After examining panel boards we found following discrepancies. These are related to safety ,control and monitoring and hence to be treated as priority matter.

1) We found live and dead rats in new building panel board. It is required to secure both panel board by entry of any creature, including lizard. Else it may lead to cable damage or even short circuit issue.
2) There is SLD (single line diagram) of electrical lay out. It required to trace circuit, in event of fault
3) There is no labelling on control switch gear. This is required to control , isolate or reset circuit easily in case of any issue on load side
4) Even though power factor of entire campus is maintained excellent at “near unity”, panel board at new building is over compensated. This has resulted in leading power factor from 0.13 to 0.5. This is not recommended. Central power factor correction Capacitor bank can be redesigned this avoiding over compensation at any panel board.
5) Power factor at panel board of old building is measured between 0.7 to 0.8 lag, This is normal considering load type at present. This lag is compensated and over all power factor at metering is near unity.
6) Panel board has analog meters . But these are not working. Better to replace with digital meter with multifunction facility even to record energy consumption
7) Panel at old building doesn’t have any meters to read parameters. It is recommended to fix CTs and multi function digital meters to read power & energy.
8) At present there is no facility to measure actual energy consumption of Yuvaraja college. Fixing of multi function meters as mentioned above will help to monitor all power parameters along with energy consumption. So that institution can pay on actua;l nergy consumption and can evaluate its performance.
9) EMS –Energy Monitoring system , is another advanced soft ware tool, which takes readings from above meters. This can be analysed and proper action can b taken. This will be learning opportunity for interested electronics & computer students.

Image of panel boards	Image of rats in panel board

9. Renewable energy

9.1 Introduction to Renewable energy:

Recent years India witnessed exponential growth in renewable energy. Among all renewable energy sources, such as wind, solar, bio mass, waste to energy, etc, solar energy is easily harvestable and scalable. Solar energy utilisation can be stared with very low power from 50w and scale up to megawatts.

Even with implementation of small roof top systems to large solar parks, India is still depending on fossil fuel based power plants. Fortunately ours is being tropical country, there is ample opportunity to utilise solar energy.

In this chapter we see present renewable energy utilisation and opportunity to implement more solar energy in the campus. We see campus is not utilising solar in any considerable manner. Hence we can discuss different opportunity to utilise solar power.

Ways to utilise solar PV (photo voltaic) power are as below:

1)Solar thermal : since institution does not require hot water , there is n requirement of solar water heater

2)Solar street light (solar DC power system); Institution has six solar street lights. Its present condition & recommendation is discussed in next chapter

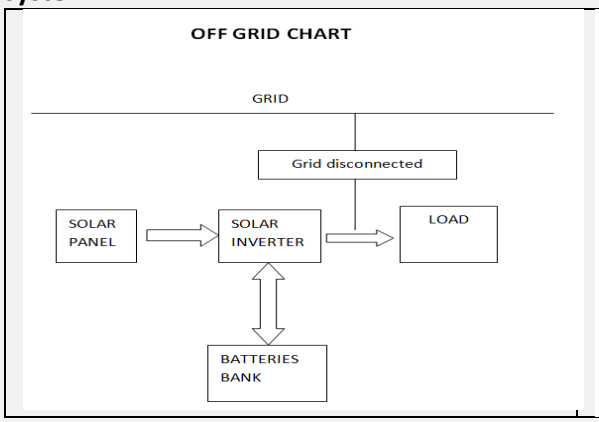
3)Solar off grid system : presently there is no solar off grid system. Implementation option given in next chapter

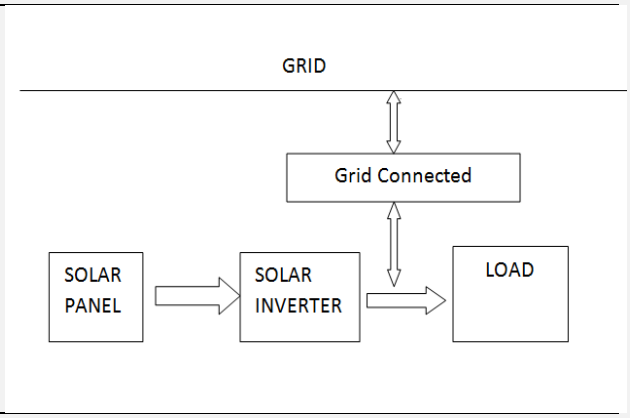
4)solar on grid (grid tie) system: opportunity and limitations are discussed in next chapter.

Solar off grid and on grid (grid tie) system

Solar off grid system: Here energy produced from solar panels are stored in batteries. It will be converted to useful regular AC using inverters. Energy produced from solar has to used for own purpose. Excess generation (if any) will be wasted. Hence capacity utilisation is less, initial investment is high and running cost also more due to battery utilisation. Still this system is in practice , where load requirement is less and on grid system is not possible

Solar on grid system : Here solar power produced is connected to grid supply and load. This system does not require batteries. In case of excess power is generated by solar, it will be exported to grid. Similarly any short production will be compensated by grid supply. This is most efficient system.





9.2 Renewable energy usage at present and recommendations

(a)Solar street light system:

Institution has six solar streetlights. Unfortunately none of them are in working condition.

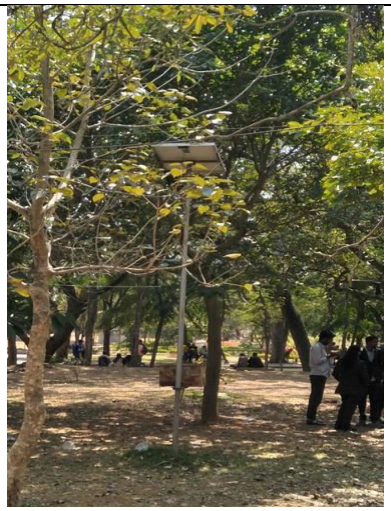
Usually solar panels will have life of 20 years. There more chance of putting them to use again. But lights , batteries and control circuit to be replaced.

Recommendation:

1) Check solar panel condition of all street light system (See chapter 9.3)
2) Recondition depending on solar panel working and efficiency condition
3) One of the solar street light is installed in the shade of trees , which needs to be re located ,if brought to use.
4) Advanced integrated street lights with Li ion batteries can be used in future

Advantages:

1) Reconditioning of solar lights will cost less than 50% of new street lights
2) They also serve as emergency lights during power cut
3) The basic work can also be done as projects by students.



(b)Solar off grid system:

As explained in earlier chapter, this is stand alone system. Solar energy produced ahs to be utilised for self only and excess energy cannot be exported. Most suitable for capacities up to 5kwp. However can be increased depending on site condition. This system requires battery bank, due to this limitation overall project will increase, payback period will be more, in addition there is always a risk of battery cost and lead waste generation in every 3 to 5 years.

These types of systems are recommended, where on grid solar implementation is not possible and power utilisation is mostly in day time. This will reduce battery sizing, depth of discharge and enhancing battery life. These kinds of systems are also recommended where battery and Ups sytems are already in use and maintenance of such system is mandatory.

Institution is using UPS in various location for its computer and lab use. (list is provided in earlier chapter) This gives more opportunity to change on convert existing system to solar based UPS system.

Advantages:

1) Institution uses labs & computers in day time
2) There is no need to change in internal wiring
3) There will not be any additional lead waste generation or cost addition of batteries by solar
4) Present system and /or batteries can be utilised if feasible, else has to be shifted where there is need.
5) Institution is mandatorily maintaining UPS & batteries, only solar and related infrastructure cost will be additional expense.
6) This is best alternative option to use solar , as on grid solar implementation has limitations.

Limitations:

1) Proposed Solar inverter (PCU) specification has to meet present load usage pattern
2) Solar to mains change over and vice versa not to interrupt process
3) Batteries will be subjected to more cycle of operation. Hence solar rated batteries has to be used
4) There has to be minimum 50 to 60 % of average loading, else excess power will be wasted
5) Panels & batteries need to be maintained periodically.

Pay back calculation for typical 5kwp off grid system

Present systems 5kva on line ups with 10 Nos of batteries	Rs.1,50,000/-
Additional cost for going to solar based on line ups system 1)solar panels 5kwp 2)structure 3)solar PCU (instead of regular online UPS) 4)solar grade batteries 10 nos instead of regular batteries	Rs.2,00,000/-
Energy saved based on 75% utilisation of generated power and CUF of solar at 15%	3 units/kwp/day x 300days x 5kwp= 4500 units per annum
Cost saved @ Rs 9/- per kwh Considering future escalation	4500 x 9 = 40,500/- per annum
Recovery of additional cost incurred for adding solar	=2,00,000 / 40500 =4.9 years
Carbon saved @1.2 kgs per kwh	=4500 units X 1.2 kgs per kwh =5400 kgs per annum

Note:

1)Above is neither commercial offer or estimate for calling tender. It is over view of project

2)Basic Cost per kw may decrease or increase depending on quantity

3) additional cost such as tax, excise duty, etc may change cost estimation

Recommendation:

Considering all above factors , we recommend to install either one or two solar off grid systems.

(c)Solar on grid system

Draft Proposal for Solar Roof Top SPVRT system on "net metering" basis for total campus (including Yuvaraja, Maharaja college building & VC quarters)			
A	Contract demand	250	KVA
B	Energy consumption (2019-2020)	3,00,000	UNITS
C	Provision for addition in coming years 25%	105000	UNITS
D	Total consumption expected	405000	UNITS
E	Capacity of solar plant for "Net Zero Energy" campus Considering 4kwh/day/kwp average	277	KWP
F	As per regulation maximum solar capacity allowed is limited to contract demand (sanctioned load) at 0.9 PF	225	KW
G	Energy generated by 225kwp solar plant	328500	UNITS
H	Space required @ 6 sqmtr per kwp (6 x225)	1350	sqmtr
I	Project cost at rs 40,000/- Rs per kwp (based Bench mark cost)	90,00,000	Rs
G	Subsidy not applicable for this category of consumer	0	
H	Pay back period considering Rs 9/- per unit and	3	years
	3,28,500 units of energy for self utilisation		
I	Life of project	25	years
J	Carbon savings @rs 1.2 kgs/unit (based on CEA verl4.O 2018)	394200	kgs
	Note:		
1	Fixed charges will continue		
2	Actual import & export of energy depends on seasonal variation and load		
3	Since there is common metering for three locations (Yuvaraja, Maharaja & VC quarters) installing solar individually is not possible		
4	CHESCOM will consider it as single consumer		
5	Above costing is not commercial offer or estimate to call tender		
6	Costing may vary 10 to 20% depending on cabling condition, taxes, custom duty , etc		

9.3 Present condition of solar street lights

Sl. No.	Location	Condition
1	In front of new building (1)	Panel ok, Battery dead, charge controller faulty, LED light ok Battery box corroding
2	In front of new building(2)	Panel ok, Battery dead, charge controller faulty, LED light ok Battery box corroding
3	Inside park (1)	Panel ok , No battery & charge controller CFL light faulty Light is installed in shade of trees
4	Inside park (2)	Panel ok , Battery 42ah Faulty No charge controller No light (only CFL casing is present) Light is installed in shade of trees
5	Near old building(1)	Panel OK No battery & charge controller LED lights are working Battery box are corroding Lamp post is inclined
6	Near old Building (2)	Panel OK No battery & charge controller LED lights are working Battery box are corroding Lamp post is inclined
	Total 6nos (all are in fault condition)	

Panel condition referrer's min 50% working efficiency

Recommendation:

1) To recondition two numbers. Two in front of new building can be considered on priority
2) Solar panels of other street lights are in better condition. This can be used to academic purpose to educate the students .

10.1 Energy Performance Index

Introduction: Energy performance index (EPI) is total energy consumed in a building over a year divided by total Built up area in kWh/sq m/year and is considered as the simplest and most relevant indicator for qualifying a building as energy efficient or not.

ECBC compares EPI of any building with standard design. BEE has set different bench marks for commercial buildings with air conditioning and without air conditioning for different climatic zones.

Building	Floor area (approx)	No. of floors	Total
New Building	540	3	1620
Old Building	3781.78	2	7563.56
Platinum Jubilee Hall	520.51	1	520.51
		Total	**9704.07**

(All area in Sq.m.)

EPI = Total energy consumption in a year/total area in sq.m.

7000*12/9704

= **8.65** KWH/Year/Sq.m.

Observation:

BEE has not set any bench mark of educational institution. 8.65 EPI is excellent performance considering classrooms and lab usage based on our experience and study.

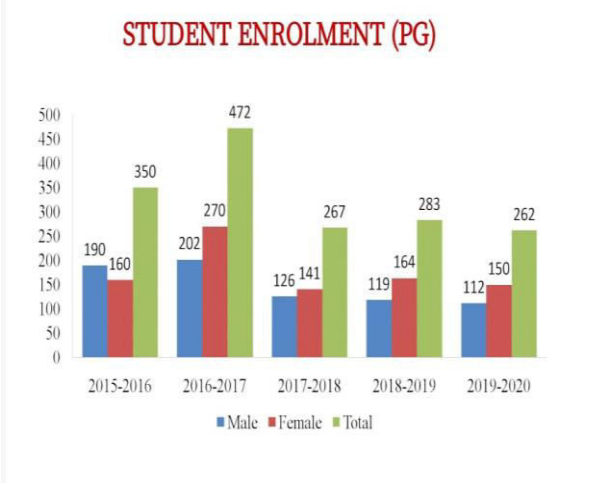
10.2 Per Capita Energy Consumption

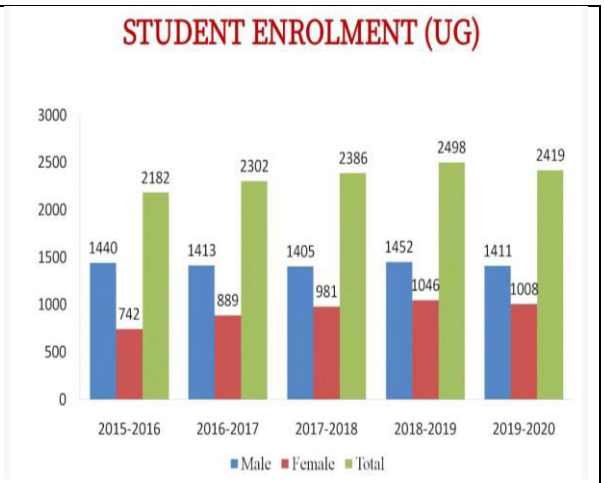
We have calculated energy consumption by each person in the institution. Energy consumption varies depending on type of activity, facility, etc. Since campus has a common meter, based on our calculations, we have already assessed the energy consumption of Yuvaraja College as 7000 units per month. i.e. 84000 units annually.

Total persons using the facility include UG 2419, PG 262, and faculty 238, totally 2919.
Per capita energy consumption - 84000/2919=28.77 units per person per annum.

There is no definite standard for above. But based on basic facilities and lab above value found justified.
However use of renewable energy & encon measures will reduce consumption level by 10-15%

Remarks: We have taken students and staffs count as per the year 2019-2020.





11.Environment Audit

11.1 Introduction:

Environment Audit is a general term that reflects various kinds of evaluations intended to identify environmental compliance and management system, implementation gaps, along with related corrective actions. It is used to determine the types of waste and volume of waste, which can be used for a recycling project or to improve waste minimization plan by avoiding the things which creates more waste. It can create health consciousness and promote environmental awareness, values and ethics. All these can be achieved by creating awareness, best practices and use of technology.

Objectives of Environment Audit: Concern about environmental degradation and realization of values of environment are logical consequences of scholarly research, teaching and learning process. In its pursuit for improving environmental quality and to maintain a pristine environment for the future generations of students, Following objectives to achieve:

1) Establishing a baseline of existing environmental conditions with focus on natural and physical environment.
2) Understanding the current practices of sustainability with regard to the use of water and generation of wastes, etc.
3) Awareness generation among students concerning real issues of environment and its sustainability.
4) Promotion of environmental awareness through participatory auditing process.
5) To create a report that document baseline data of good practices and provide strategies and action plans towards improving environmental quality for future.

In order to keep as much waste material out of the landfill as possible, it's important for each of us to do our part. One of the ways to put that plan into action is through the 3 Rs of waste management — Reduce, Reuse, Recycle. Reduce means to cut back on the amount of trash we generate. Reuse means to find new ways to use things that otherwise would have been thrown out. Recycle means to turn something old and useless (like plastic milk jugs) into something new and useful (like picnic benches, playground equipment and recycling bins	

11.2 Types of Waste Generated

Types and quantum of Waste generation in an organization depends on nature of activity, practice and number of people in the organization.

Following types of waste generation possibilities exists in institution.

Types of Wastes:

1) Dry Waste: Dry waste means dry materials that have been contaminated. It has categorized into

   three types. They are: A) Paper Waste

   B) Dry Leaf Waste

   C) Plastic Waste

2) Wet Waste - Food Waste
3) Biological Hazardous Waste – Sanitary Pads
4) Chemical waste from labs
5) E waste - Electrical & Electronic Equipments
6) Hazardous Waste - Mercury waste by Fluorescent Tubes
7) Hazardous waste - Lead waste by batteries
8) Sewage Waste Water. .

11.3 Sewage Water

The main source of water for the college is from corporation.

Quantum of generation: The quantity of waste water is calculated from the consumption of water for the regular usage except for lawn and gardening. The details are given below:

Reading dated	**Reading**
30-09-2109	**3372000**
30-08-2018	**821000**
Consumption (annum) 18-19	**2541000**
Consumption average per month (ltrs)	**212583**
Present average based on MCC bill (Ltrs)	**286000**
Water Consumption	**Qty in Ltrs.**
Annual Consumption	2551000
Monthly Consumption	286000
Per Day Consumption	9533

As per the above table, sewage waste water is around 9533 ltrs per day.

Present way of disposal: Sewage water is drained to corporation UGD system.

Recommendations:

1) Having Own STP (Sewage Treatment Plant) : As per PCB norms institution needs to have its own STP. But we don't recommend it for only Yuvaraja college building. If it is for entire campus, it will be helpful.

2) Reduce water wastage in taps: Water flow can be controlled using pressure reducing valves. Automatic sensor based tap control or foot operated control can be used in selected locations. (Details given below)
3) Rain water harvesting (Details given below)
4) Bore well recharge pit (Details given below)
5) Awareness Posters & boards near taps : Creatively designed posters and easily visible boards will boards with message to “save water” , “close tap properly”, etc will create awarwness in students
6) Rain Water Harvesting.

Remarks: We have taken 3 bills (each bill in each year 2018, 2019 & 2021) as a sample for calculation of water usage. Sample bills have attached below :

11.3.1 Rain Water Harvesting:

Catchment: Area: 4000. **Sq.m (Derived from Google image)**

(Area= 4000Sq.m approx)			
Sl. No.	**Month**	**Rain fall (mm)**	**Quantity of Rain Water**
			Harvestable (L)
1	January	114.9	459600
2	February	74.6	298400
3	March	80.3	321200
4	April	88.4	353600
5	May	110.7	442800
6	June	184.6	738400
7	July	64.9	259600
8	August	15.7	62800
9	September	1.5	6000
10	October	2.9	11600
11	November	9.8	39200
12	December	70.6	282900
TOTAL		**818.9**	**3275500**

From the above table it is clear that there is ample scope for Rain water harvesting it is also evident that about 37.5lakh liters of water can be harvested every year and can be utilized for domestic and drinking purposes.

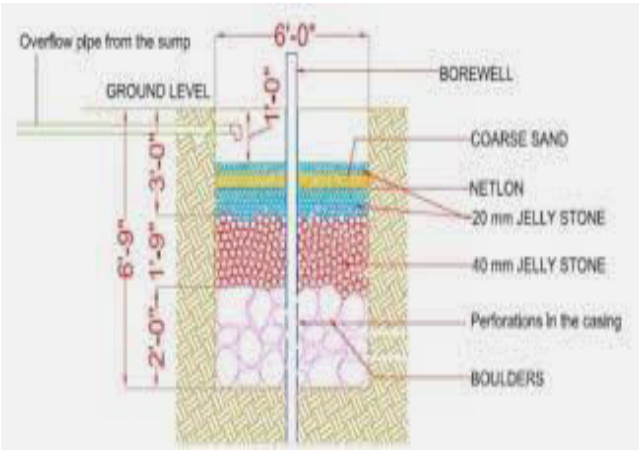
Present scenario: There is already a Good Rain Water harvesting system implemented at the new building. It has two collection tanks. One has one lakh litr capacity and another 50,000 ltr capacity, total collection capacity of 1.5 lakh litres but due to no maintenance it is not functional at the moment.

Recommendations:

1. We recommend the institution to add addition filters and undertake repair works so that the system regains its functionality.
2. Even after repair and other works it is very much required to maintain the rain water harvesting system on regular basis. .

11.3.2 Bore well Recharge Pit

Bore well recharging technically focuses on the use of harvested surface water (obtained via rainfall or nearby water bodies) where runoff water begins to pass through a natural filter made up of large and small stones. Then, there is another layer of sand through which water passes and finally, it perforates in the bore well pipe via a fine mesh which is wrapped around the drilled casing pipe. The fine mesh ensures the removal of big and tiny impurities before the water enters the borewell.



Recommendation: As your institution having 1 borewell and depending on it occasionally, if you create bore well recharge pit, it will be helpful.

Recommendations:

3. We recommend the institution to add addition filters and undertake repair works so that the system regains its functionality.
4. Even after repair and other works it is very much required to maintain the rain water harvesting system on regular basis. .

11.3.3 Water Flow Control at Taps

1)Reducing pressure will reduce water flow from taps. This is simplest and cost effective way to control water wastage. It is recommended to fix such pressure reducing valves at taps of sink to reduce water usage.
2)use of automatic sensor system is another way used in hotels and other offices. Bit this is costly and maintenance is bit difficult in college. Hence it is not recommended at present.
3)Foot operated taps are another way to water wastage. Tap will be open only when it is pressed by foot operated mechanical control . This is another useful technology for covid like situations.

11.3.4 other water conservation measures

RO Water Reuse

Institution has a RO Plant (reverse osmosis) for water purification purpose. After purifying, waste water is being used for plants in the garden.

Water usage from Kukkarahalli Lake

Institution has taken water connection from Kukkarahalli lake for regular supply of water to the plants and trees in the campus by using pump.

Recommendation: There is no recommendation. Because this type of water connection is very helpful for the institution, they can save the money and avoid the corporation water usage.

11.4 Dry Waste – Paper Waste

Paper Waste is generated by the students and staffs while printing the exam papers and others.

Quantum of waste generation: Around 25-30 Kgs of paper waste is generated per day in the college.

Present way of disposal: Paper waste is being collected separately in each department but dumped in the common dustbin with other wastes and handed over to the corporation.

Recommendation:

1) Keep the big and separate dustbin for overall paper waste in the campus and don't mix with other wastes. So that it will help to recycle it and use again.
2) If possible, paper waste can be decomposed and use it.

11.5 Dry Waste - Leaf Waste

Leaf wastes are generated by trees and plants due to season.

Quantum of waste generation: It is estimated that 1-2 cubic mtr. dry leaf wastes are generating inside the campus every day in the particular season.

Present way of disposal: Currently, dry leaf waste is dumping in the common dustbin and giving it to the corporation.

Recommendation:

1) We recommend to use vermi-compost to decompose the dry leaf waste. Because it produces manure and helpful for the plants' growth.
2) Use the separate dustbin for dry leaf waste.

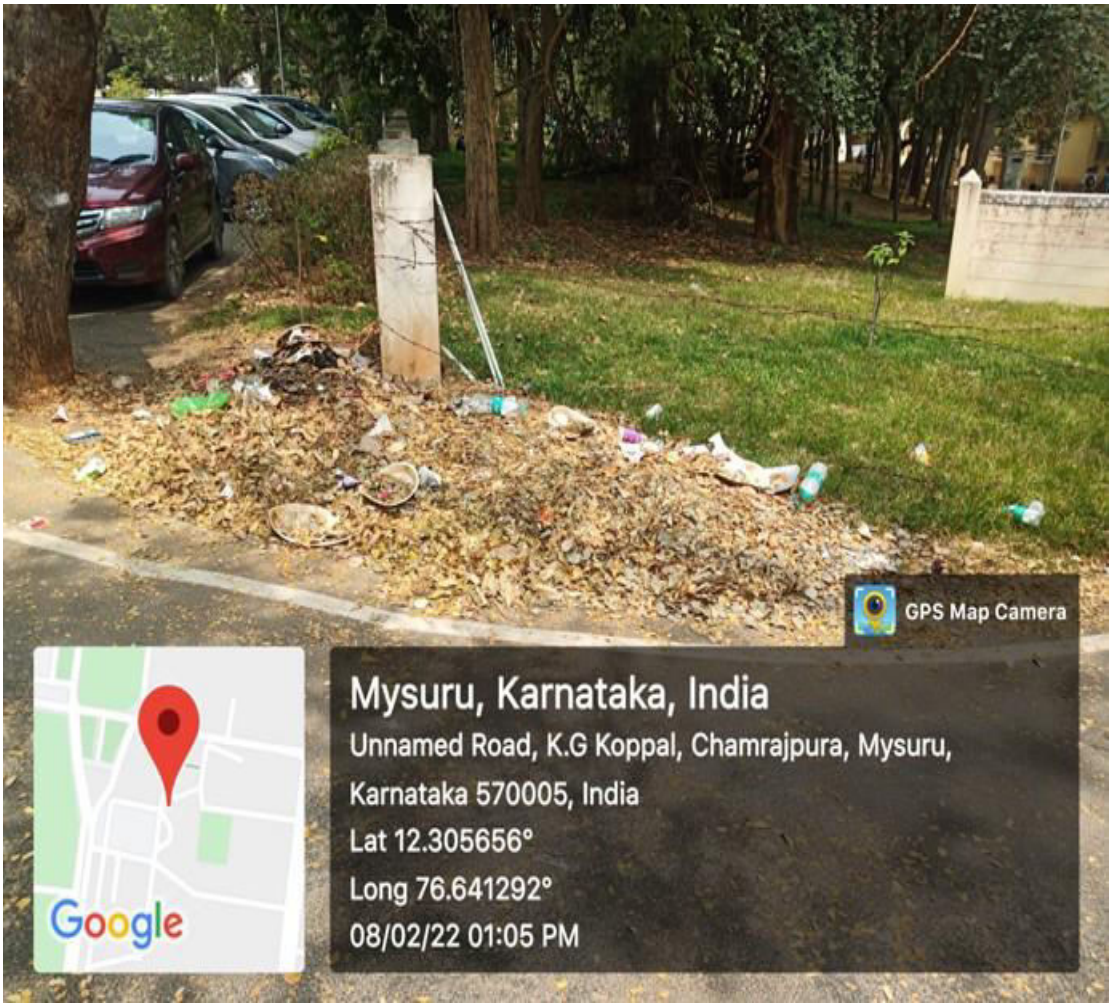
11.6 Dry Waste - Plastic Waste

Plastic waste is a hazardous waste. As we have observed, plastic waste has been reduced in the campus. Students are bringing the lunch boxes and water bottles from home and carrying back to home but still we found some of the plastic bottles, food package covers and single use plastic covers in the campus.

Present way of disposal: All the plastic wastes are dumping in common dustbin with other wastes and without separating it, they are giving it to the corporation.

Recommendation:

1) Educate the students to avoid the plastic usage.
2) Keep the separate dustbin for plastic waste and give it to the corporation. So, that it will help them to recycle the plastic and there will be no need to segregate plastic wastes with other wastes.
3) Keep the awareness board and completely ban the plastic inside the campus.


GPS Map Camera
Google
Mysuru, Karnataka, India
Unnamed Road, K.G Koppal, Chamrajpura, Mysuru,
Karnataka 570005, India
Lat 12.305656°
Long 76.641292°
08/02/22 01:05 PM

11.7 Wet Waste – Food Waste

Wet waste is generated by leftover food by the students and staffs in the campus and canteen.

Quantum of wet waste: Food waste is generated around 5 Kgs per day.

Present way of disposal: Some students carry back the food waste to their home and some students will throw in common dustbin. Canteen food waste is fed to animals.

Recommendation:

1) Keep the separate dustbin for food waste.
2) Bio-gas can be produced and can use for LPG if the food waste increased in future.

11.8 Biological Hazardous Waste – Sanitary Pads

Sanitary pads are biological hazardous waste.

Quantum of generation: Around 12000 sanitary pads waste will be generated by the college female students and female staffs per month.

Present way of disposal: Institution has equipped with 6 incinerators. Female students and staffs will dispose the waste sanitary pads into it.

Recommendation: Present way of disposing is appreciable and we don't recommend anything.

11.9 Chemical Waste

Chemical waste is generated from chemistry practical labs.

Quantum of waste generation is less.

Present way of disposal: Chemical waste is buried in a separate place where there are no plants and trees and it has not connected to drainage.

Recommendation: As the present way of disposal is good, we don't recommend any other way of disposal.

11.10 E-Waste – Electrical and Electronic Equipments

E-waste (Electronic waste) describes discarded electrical or electronic devices. Used electronics which are destined for refurbishment, reuse, resale, salvage recycling through material recovery, or disposal are also considered E-waste. Informal processing of E-waste in developing countries can lead to adverse human health effects and environmental pollution.

Electronic scrap components, such as CPUs, contain potentially harmful materials. E-waste is created when an electronic product is discarded after the end of its useful life.

Quantum of waste generation: College has 183 Computers, 30 Projectors, 39 Printers (including scanner) and 5 Multi-functional printers (Copier). Total electronic items are 257 and it weighs approximately 3165 Kgs. It is estimated by considering 5 years of time span of all electronic items as it used for education, about 633 Kgs of E-waste is generated from the electronic items. Mainly computers generate E-waste more.

Present way of Disposal: College is giving the E-waste to regular scrap dealer for disposing.

Recommendation:

1) As per PCB Norms, we recommend to give the waste to authorized E-waste recycler and maintain the proofs.
2) Computer's parts which are working can be used for another systems and which of the parts can repair, after repairing can reuse.
3) For other details please refer Annexure chapter.

11.11 Hazardous Waste – Mercury Waste

Mercury waste will be generated by Tube lights and CFL.

Quantum of waste generation: Institution has 1242 Tube lights and 37 CFLs. Each tube light has 10 MG of mercury and each CFL has 5 MG of mercury. Total mercury content of all tube lights and CFLs will be around 12,605 MG. It is estimated by considering 4-5 years of time span of tube lights and CFLs also taking the average time span of 4 years, around 3151.25 MG of mercury waste is generated from the tube lights and CFLs per year.

Present way of disposal: Tube lights and CFLs are replaced as and when required. After replacing, waste is giving to the corporation.

Recommendation:

1) Dispose of all used tube & CFL as per PCB guidelines. (Enclosed in annexure). These have to be packed in a carton box and handed over separately to authorized e waste collectors. Box has to be labeled to contain fragile and hazardous waste.

2) Converting all Fluorescent lamps to LED is already recommended in this report in the energy audit part. LED lights will not have any mercury content. Hence disposing is easier.

3) Buy only LED tube & bulbs in future.

11.12 Hazardous Waste – Lead Waste

Introduction – Lead waste is generated by Batteries.

Quantum of waste generation: Institution has 121 UPS batteries. Total lead content of all batteries will be about 2662 Kgs. It is estimated by considering 3-5 years of time span of batteries and taking the average time span of 4 years, around 665.5 Kgs of lead waste is generated from the batteries per year.

Present way of waste disposal: As per PCB norms, there are 2 set of rules such as:

1) To give the batteries for the authorized recycler to recycle the lead waste.
2) To return the batteries for money to the seller in a buy back option.

The college is following the second rule and returning the dead batteries to the seller.

Recommendations:

1) Reduce battery AH capacity, after diesel generator is installed. Generator will give additional support. Hence battery can be optimized to support short back up of 30 mins. Presently used batteries are giving about three hours back up
2) Battery life can be extended by use of SMPS charger and switching off output of ups after working hours. This has been explained in energy conservation -UPS chapter
3) Battery maintenance log book has to be maintained near each UPS point to assure proper attending. This will enhance battery life.
4) Battery disposal guidelines given by PCB have to be followed.
5) Batteries have two types of capacity ratings. C10 & C20. C10 rated batteries are usually used for solar. This can be used for UPS also. C10 batteries will have more life than C20 rated batteries. It is recommended to buy C10 rated batteries, even if price is marginally higher.
6) Proofs and records should be maintained while purchasing the batteries and returning it for money. It will be helpful to return the batteries for money and also we can know the amount recovered from it.

11.13 Air Pollution

There is no generator in the college and no exhaust from it. As there is no vehicle parking and no entry for the public vehicle inside the campus, there is no air pollution in the college. So, students are getting fresh and hygienic air from the plants and trees. Also We don't recommend anything.

11.14 Noise Pollution

As explained in the earlier chapter, there is no generator, no vehicle parking inside the campus and no entry for the public vehicle also the institution has been educated the students, not to horn unnecessarily. So, there is no noise pollution in the college and we don't recommend anything.

11.15 Promoting Electrical Vehicles by Charging Points

At present two wheelers and four wheelers usage is less in the college. Institution can promote the electrical two wheeler vehicles by providing charging points.It consumes only 250-300 watts per vehicle. Electrical vehicle will fully get charged in 4 to 6 hours and consumes one unit of electricity. College can provide the facility to charge 3- 4 two vehicles at a time, students can charge their vehicle while attending the class. This facility can be free of cost as this will not create much financial burdon.

Power required for charging two wheeler can be taken from any nearest AC point. We have identified following location, which we found most suitable.

Safe electrical out let of 5 amps capacity in an enclosure with MCB can be provided for charging purpose. Students has to carry their own charger unit. Charger units will change from vehicle to vehicle depending on manufacturer. CCTV monitoring will provide safety required for their chargers. Charger can be housed in same box , where AC out let provided. Only DC output cable will b taken out of box. This will provide additional electrical safety & charger unit security. The facility may cost initial investment of about Rs.5000/-

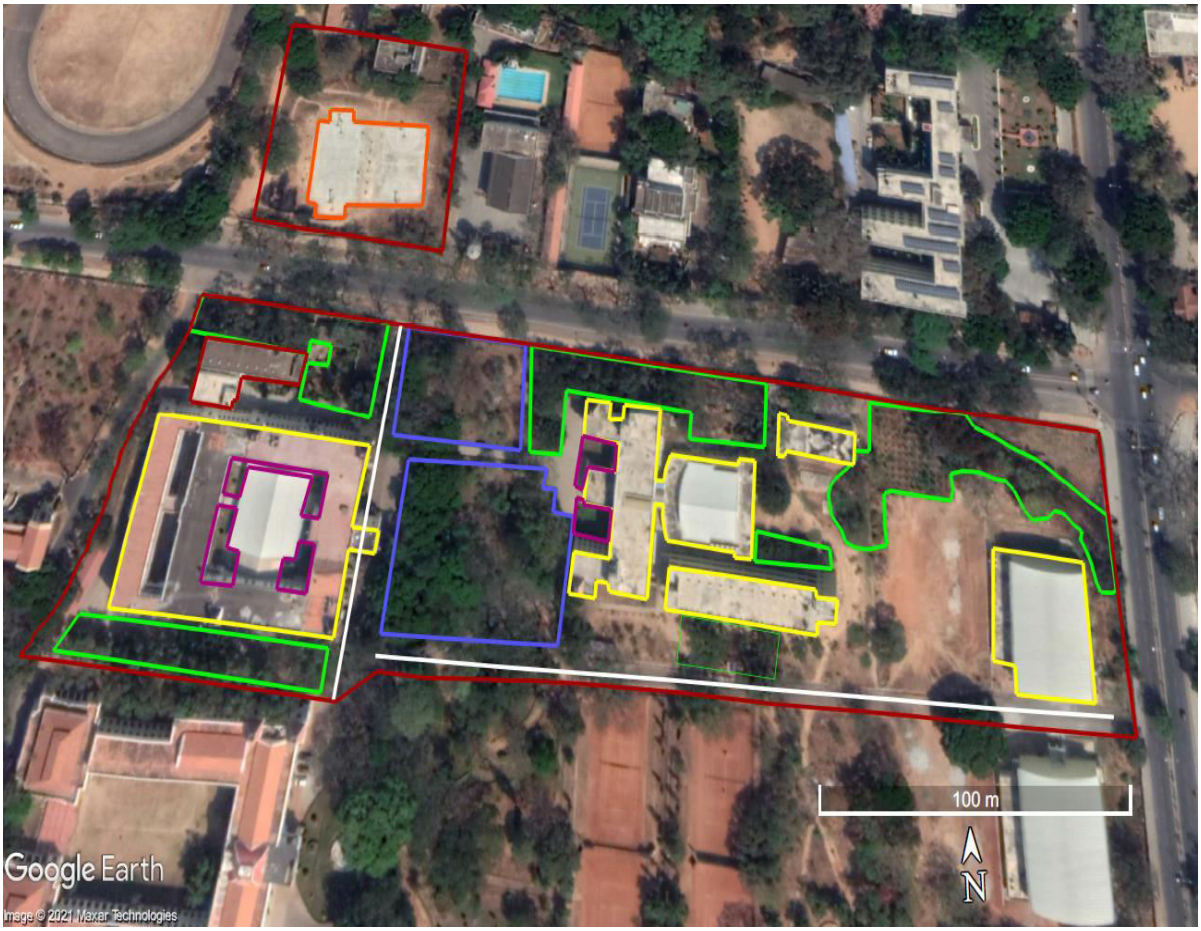
12 Green Audit

12.1 Introduction:

Green Audit is a process of systematic identification, quantification, recording, reporting and analysis of components of environmental diversity of the institute. It aims to analyze environmental practices within and outside the institute which will have an impact on the eco-friendly atmosphere. It imparts a better understanding of Green impact on campus to staff and students.

Green Audit is a valuable means for a college to determine how and where they are using the most water and other resources. It helps to save environment by creating awareness regarding how much the plants and trees are important in mankind, birds and animals life. Thus, Green Audit is necessary for all the Educational Institution.

12.2 Green coverage Inventory



Legend

Total area	ilt up area	Road area	Garden Horticulture	ark	wn	Ground

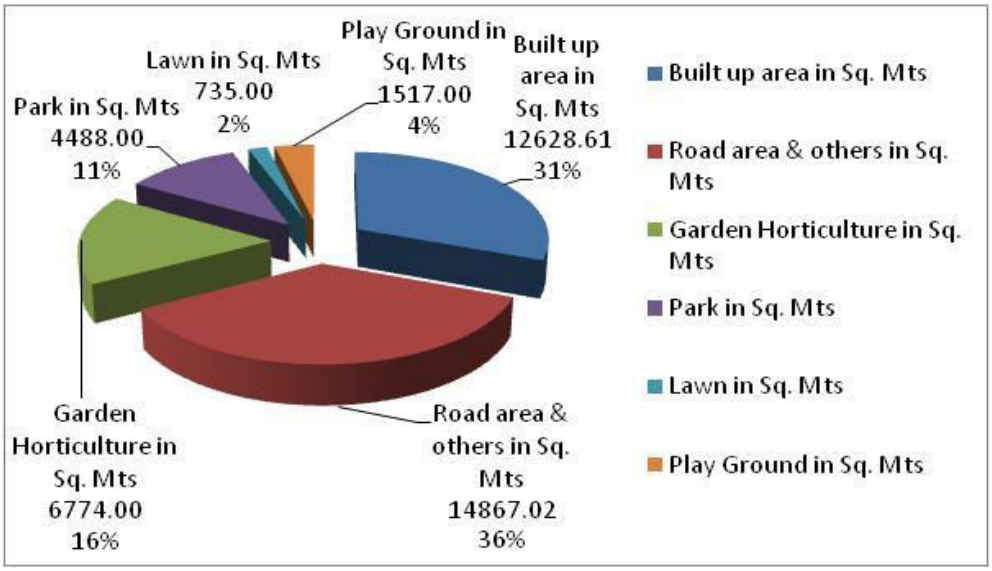
Table

Total area of the campus in Sq. Mts	Built up area in Sq. Mts	Road area in Sq. Mts	Green Area			
			Garden Horticulture in Sq. Mts	Park in Sq. Mts	Lawn in Sq. Mts	Play Ground in Sq. Mts
41,009.62861	12,628.61	1645	6774	4488	735	1517
			Total Green area in Sq. Mts = 13,514			

Total area of the campus in Acres	Built up area in Acres	Road area Acres	Green Area			
			Garden Horticulture in Acres	Park in Acres	Lawn in Acres	Play Ground in Acres
9.32	3.12	2.87	1.67	1.10	0.18	0.37
			Total Green area in Acres = 3.33			

(Note: Boys hostel located at Saraswatipuram is not considered in above data)

Description	Area	%
Built up area in Sq. Mts	12628.61	30.79
Road area & others in Sq. Mts	14867.02	36.25
Garden Horticulture in Sq. Mts	6774.00	16.52
Park in Sq. Mts	4488.00	10.94
Lawn in Sq. Mts	735.00	1.79
Play Ground in Sq. Mts	1517.00	3.70
Total area	41009.63	100.00



Remark: It is appreciable that, even the campus is in the centre of busy area, about 30% of total campus area has green coverage.

12.3 Types of Flora

The area in this campus is immensely diverse with a variety of trees and plants performing a variety of functions. The trees and plants of the college have increased the quality of life, not only the college fraternity but also the people around the college in terms of contributing to our environment by providing oxygen, improving air quality, climate amelioration, conservation of water.

Sl. No.	Family	Plant name
1	Acanthaceae	*Pseuderanthemum carruthersii* (Seem.)
2	Acanthaceae	*Hypoestes*
3	Amaranthaceae	*Gomphrena celosioides* Mart.
4	Annonaceae	*Artabotrys odoratissimus*
5	Annonaceae	*Annona squamosa*
6	Apiaceae	*Trigonella foenum*
7	Apiaceae	*Centella asiatica*
8	Apocynaceae	*Catharanthus roseus*
9	Araceae	*Anthurium plowmanii*
11	Araceae	*Diefffenbachia*
12	Araceae	*Aglaonema*
13	Araceae	*Colocasia*
14	Arecaceae	*Dypsis lutescens*
15	Arecaceae	*Pritchardia* sp.
16	Arecaceae	*Phoenix sylvestris*
17	Arecaceae	*Caryota urens*
18	Asclepiadaceae	*Asclepias curussavica*
19	Asparagaceae	*Dracaena*
20	Asparagaceae	*Chlorophytum comosum vittatum*
21	Asparagaceae	*Aspidistra elatior*
22	Asteraceae	*Synedrella*
23	Asteraceae	*Tagetes*
24	Balsaminaceae	*Impatiens balsamina*
25	Brassicaceae	*Brassica campestris*
26	Cactaceae	*Epiphyllum oxypetallum*
27	Cannaceae	*Canna indica*
29	Crassulaceae	*Kalanchoe tubiflora*
30	Crassulaceae	*Bryophyllum pinnatum* (Lam.) Oken
31	Crassulaceae	*Tradescantia pallida* (Rose) D.R.Hunt
32	Euphorbiaceae	*Acalypha wilkesiana* Müll. Arg.
33	Euphorbiaceae	*Euphorbia hirta*
34	Fabaceae	*Galphimia glauca*
35	Fabaceae	*Medicago sativa*
36	Lamiaceae	*Mentha spicata*
37	Lamiaceae	*Coleus aromaticus*

38	Lamiaceae	*Coleus scutellarioides*
39	Lauraceae	*Persea Americana*
40	Lythraceae	*Cuphea isopilia*
41	Marantaceae	*Maranta arundinaceae*
42	Nyctaginaceae	*Mirabilis jalapa*
43	Oxalidaceae	*Oxalis*
44	Papillionoideae	*Abrus precatorius* L.
45	Pedaliaceae	*Sesamum indicum*
46	Piperaceae	*Peperomia* sp.
47	Plantaginaceae	*Bacopa monnieri*
48	Plantaginaceae	*Russelia equisetiformis*
49	Vitaceae	*Vitis*
50	Zingiberaceae	*Amomum*

1	*Azolla*	
2	*Equisetum*	
3	*Microsorum punctatum*	Pteripdophyte
4	*Nephrolepis*	
5	*Selaginella*	

Sl. No.		
1	*Abrus precatorius L.*	Papillionoideae
2	*Acalypha wilkesiana* Müll.Arg.	Euphorbiaceae
3	*Aglaonema*	Araceae
4	*Amomum*	Zingiberaceae
5	*Annona squamosa*	Annonaceae
6	*Anthurium plowmanii*	Araceae
7	*Artabotrys odoratissimus*	Annonaceae
8	*Asclepias curussavica*	Asclepiadaceae
9	*Aspidistra elatior*	Asparagaceae
10	*Bacopa monnieri*	Plantaginaceae
11	*Brassica*	Brassicaceae
12	*Bryophyllum pinnatum* (Lam.) Oken	Crassulaceae
13	*Canna indica*	Cannaceae
14	*Caryota urens*	Areceae
15	*Catharanthus roseus*	Apocynaceae
16	*Centella asiatica*	Apiaceae
17	*Chlorophytum comosum vittatum*	Asparagaceae (variegated spider plant)
18	*Coleus aromaticus*	Lamiaceae
19	*Coleus scutellarioides*	Lamiaceae
20	*Colocasia*	Araceae
21	*Cuphea hyssopifolia*	Lythraceae
22	*Diefffenbachia*	Araceae
23	*Dracaena*	Asparagaceae
24	*Dypsis lutescens*	Arecaceae
25	*Epiphyllum oxypetallum*	Cactaceae
26	*Euphorbia hirta*	Euphorbiaceae
27	*Galphimia glauca*	Fabaceae
28	*Gomphrena celosioides* Mart.	Amaranthaceae
29	*Hypoestes*	Acanthaceae
30	*Impatiens* sp.	Balsaminaceae
31	*Kalanchoe pumila*	Crassulaceae
32	*Kalanchoe tubiflora*	Crassulaceae
33	*Maranta arundinaceae*	Marantaceae
34	*Medicago sativa*	Fabaceae
35	*Mentha spicata*	Lamiaceae
36	*Mirabilis jalapa*	Nyctaginaceae
37	*Oxalis*	Oxalidaceae
38	*Peperomia sp.*	Piperaceae
39	*Persea americana*	Lauraceae
40	*Phoenix sylvestris*	Arecaceae
41	*Pistia stratiotes*	Araceae

42	*Pritchardia sp.*	Arecaceae
43	*Pseuderanthemum carruthersii (Seem.)*	Acanthaceae (firecracker plant)
44	*Russelia equisetiformis*	Plantaginaceae
45	*Sesamum indicum*	Pedaliaceae
46	*Spathophyllum*	Araceae
47	*Synedrella*	Asteraceae
48	*Tagetes*	Asteraceae
49	*Tradescantia pallida (Rose) D.R.Hunt*	Crassulaceae
50	*Trigonella foenum*	Apiaceae
51	*Vitis*	Vitaceae

FAMILY	NO.	SCIENTIFIC NAME	Common name	Type	Idengifying characters
Acanthaceae	1	*Andrographis paniculata* (Burm.f.) Nees	Nela bevu	Annual Herb	
	2	*Asystasia gangetica* (L.) T.Anderson	Mud desoppu	Perennial Herb	yellow flower
	3	*Asystasia gangetica* (L.) T.Anderson	Chinese Violet	Perennial Herb	purple flowers
	4	*Barleria cristata* L.	Sphatika	Perennial Shrub	white & purple flowers
	5	*Barleria prionitis* L.	haladi gorate/madarangi gida	Perennial Shrub	yellow flowers
	6	*Barleria strigosa* Willd.	Nili gorante	Perennial Herb/subshrub	blue flowers
	7	*Blepharis maderaspatensis* (L.) B.Heyne ex Roth	kood ali soppu	Perennial Creeping herb	4 leaves at each node
	8	*Crossandra infundibuliformis* (L.) Nees	Kana kambara	Evergreen Undershrub	
	9	*Fittonia* albivenis (Lindl. ex Veitch) Brummitt	Nerve plant	Perennial Creeping herb	
	10	*Graptophyllum pictum tricolor (L.) Griff.*	Caricature plant	Perennial Shrub	Centre white/yellow with bright boarder
	11	Graptophyllum pictum 'Alba Variegata (L.) Griff.	Caricature plant	Shrub	Green and white patches
	12	*Hemigraphis* colorata W.Bull	Iodene plant	herb	
	13	*Justicia betonica L.*	Kaadu kana kaambra	Perennial Herb	Flamingo Flower
	14	*Justicia brandegeeana* Wassh. & L.B.Sm.	Shrimp plant	Perennial Shrub	yellow flower
	15	*Justicia carnea* Lindl. -Radiant	Brazilian plum	Shrub	

			e		
	16	*Justicia carnea* Lindl. -Sango	Flamingo flower	Shrub	
	17	*Justicia gendarussa* Burm.f.	Adut hodagida	Perennial undershrub	green
	18	*Justicia glauca* Rottler	Kaddiyara kinagida	Undershrub	
	19	*Justicia wynaadensis* B.Heyne	Mod du soppu	Shrub	
	20	*Odontonema tubaeforme* (Bertol.) Kuntze	Fire spike	Shrub	
	21	*Pseuderanthemum carruthersii* (Seem.)	Purple False Eranthemum	Shrub	variegated
	22	*Ruellia* simplex C.Wright	Desert Petunia	Herb	
	23	*Sanchezia speciosa* Leonard	Zebra plant	Shrub	
	24	*Thunbergia alata* Bojer ex Sims	Black-Eyed Susan Vine	Climber	
	25	*Thunbergia erecta* (Benth.) T.Anderson	Bush Clock Vine, King's Mantle	Shrub	
	26	*Thunbergia fragrans* Roxb.	Sweet Clock-Vine		
	27	*Thunbergia mysorensis* (Wight) T.Anderson	Kamanabillu balli		
Agavaceae					
	1	*Agave sisalana* Perrine	Sisal Agave		

	2	*Agave attenuata*Salm-Dyck	**Swan's Neck Agave**
Amaranthaceae			
	1	*Eucharis amazonica* Linden ex Planch.	Amazon Lily
	2	*Gomphrena globosa L.*	Globe Amaranth
Amaryllidaceae			
	1	*Zephyranthes candida* (Lindl) Herb.	Zephyr Lily
Anacardiaceae			
	1	*Mangifera indica L.*	Mavina mara
Annonaceae			
	1	*Annona reticulata L.*	
	2	*Polyalthia longifolia* (Sonn.) Thwaites	
Apiaceae			
	1	*Centella asiatica* (L.) Urban	ondelaga
	2	*Hydrocotyl asiatica*	
Apocynaceae			
	1	*Allamanda* sp. L.	Haladi hoo
	2	*Alstonia macrophylla* Wall.	Janthaala mara
	3	*Calotropis gigantea* (L.) Dryand.	Yekke gida
	4	*Carissa carandas* L.	Kavali hoovu
	5	*Cascabela thevetia* (L.) Liipold	Kaadukaasi Kanagalu
	6	*Catharanthus roseus* (L.) G.Don	Nityapushpa
	7	*Nerium oleander* L.	Oleander
	8	*Plumeria pudica* Jacq.	
	9	*Plumeria rubra* L.	Red Frangipani
	10	*Tabernaemontana divaricata* R. Br. Ex Roem. & Schult.	Nandi battalu
Araceae			
	1	*Aglaonema commutatum* Schott.	Chinese evergreen

	2	*Aglaonema nebulosum* N.E.Br.	
	3	*Aglaonema nitidum*	
	4	*Alocasia macrorrhizos* (L.) G. Don	Marasanige
	5	*Anthurium crystallinum* Linden & Andre	
	6	*Anthurium plowmanii* Croat	
	7	*Caladium bicolor* Vent	Heart of Jesus
	8	*Colocasia esculenta* (L.) Schott	Kesavu
	9	*Dieffenbachia seguine* (Jacq.) Schott	Dumb Cane
	10	*Epipremnum aureum* (Linden & André) G.S.Bunting	Money plant
	11	*Pistia stratiotes* L.	Water Lettuce
	12	*Remusatia vivipara* Schott	aadu Gadde
	13	*Rhaphidophora pertusa* (Roxb.) Schott	Dodda Thippali
Araliaceae			
	1	*Polyscias* sp. J.R.Forst. & G.Forst.	
	2	*Schefflera arboricola* (Hayata) Merr.	Ashtalakshmi
Arecaceae			
	1	*Areca catechu* L.	adake mara
	2	*Dypsis lutescence* (H.Wendl.) Beentje & J.Dransf.	Areca palm
	3	*Caryota urens* L.	Fish tail palm
	4	*Cocos nucifera* L.	Tengina mara
	5	*Livistona chinensis* (Jacq.) R.Br. Ex Mart.	Chinese Fan palm
	6	*Rhapis excelsa* (Thunb.) A.Henry	Lady palm
Aristolochiaceae			
	1	*Aristolochia elegans* Mast.	Elegant Dutchman's Pipe
Asclepiadaceae			
	1	*Asclepias curassavica L.*	Scarlet Milkweed
	2	*Calotropis gigantea* (L.) Dryand.	Yekke gida

	3	*Cryptolepis buchanani* Roemer & Schultes	
	4	*Gymnema sylvestre* R. Br.	Madhunashini
	5	*Hoya pubicalyx* R. Br.	Silver wax flowers
Asteraceae			
	1	*Ageratum conyzoides* L.	Oorala gida
	2	*Centratherum puncatatum* Cass.	Porcupine flower
	3	*Chrysanthemum indicum* L.	Shevantige
	4	*Gerebera* sp.	
	5	*Senecio cinerariae* Spreng.	
	6	*Tagetes minima* L.	French Marigold
	7	*Tithonia diversifolia* (Hemsl.) A.Gray	Giant Mexican sunflower
Begoniaceae			
	1	*Begonia grandis* Dryand.	
Bignoniaceae			
	1	*Crescentia cujete* L.	
		Spathodea campanulata P.Beauv	African Tuliptree
	2	*Tecoma capensis* (Thunb.) Lindl.	Cape Honey suckle
	3	*Tecoma stans* (L.) Juss. ex Kunth	Koranechellar
		Tecomaria capensis Salmon	Yelloe bell
Bixaceae			
	1	*Bixa orellana* L.	Rangumaale
Bromiliaceae			
	1	*Aechmea gamosepala* Wittm.	Matchstick Plant
Burseraceae			
	1	*Boswellia serrata* Roxb.	Chilakadhupa
Cactaceae			
	1	*Hylocereus undulatus* (Haworth) Britton & Rose	Queen of nioght/Dragon fruit

	2	*Maihueniopsis ovata* (Pfeiff.) F.Ritter	Prickly Pear
	3	*Opumtia microdasys* (Lehm.) Pfeiff.	Ear Cactus
Caesalipinoidae			
	1	*Bauhinia purpurea* L.	Devakaanchana
	2	Caesalpinia pulcherrima L. (Sw.)	Kenjige
	3	*Cassia alata* L.	dhavala gida
	4	*Delonix regia* (Boj. ex Hook.) Raf.	Kattikaayi mara
	5	*Peltophorum pterocarpum* (DC.) K.Heyne	Copper pod
	6	*Pithecellobium dulce* (Roxb.) Benth.	Seeme hunase
	7	*Tamarindus indica* L.	Hunuse
Caricaceae			
	1	*Carica papaya* L.	Papaya
Cannaceae			
	1	*Canna indica* L.	Kelaa hoo,
Casuarinaceae			
	1	*Casuarina equisetifolia* L.	Surigi mara, Kyasurina
Commelinaceae			
	1	*Callisia repens* Jacq.	Turtle vine
	2	*Tradescantia pallida* (Rose) D.R.Hunt	Moses in the Cradle
Convolvulaceae			
	1	*Cuscuta reflexa* Roxb.	Giant Dodder
	2	*Ipomea cairica* (L.) Sweet	Bekkina Hejje Balli
	3	*Merremia tuberosa* (L.) Rendle	Yellow Morning glory
Crassulaceae			
	1	*Bryophyllum pinnatum* (Lam.) Oken	Life Plant
	2	*Kalanchoe pumila* Baker	Flower dust Plant
	3	*Kalanchoe tubiflora* Eckl. & Zeyh.	Chandelier Plant

Cucurbitaceae			
	1	*Coccinia grandis* (L.) Voigt	Tondikay
Cyperaceae			
	1	*Cyperus alternifolius* L.	Umbrella papyrus
	2	*Cyperus haspan* L.	Umbrella sedge
Dioscoraceae			
	1	*Dioscorea communis* (L.) Caddick &Wilkin	Bitter Yam
Euphorbiaceae			
	1	*Acalypha hispida* Burm.f.	Cat's tail
	2	*Euphorbia antiquorum* L.	Triangular spurge
	3	*Euphorbia hirta* L.	Asthmaplant
	4	*Euphorbia milli* Des Moul.	Crown of thorns
	5	*Euphorbia pulcherrima* Willd. ex Klotzsch	Poinsettia
	6	*Euphorbia tirucalli* L.	Kolgalli
	7	*Excoecaria cochinchinensis* Lour.	Chinese Croton
	8	*Manihot carthaginensis sAllemubsp. glaziovii*	Ceara rubber tree
	9	*Manihot esculnta variegata* Crantz	mara genasu
	10	*Phyllanthus acidus* (L.) Skeels	Nelli Kayi
	11	*Phyllanthus emblica* L.	Bettada nelli kayi
	12	*Ricinus communis* L.	Castor
Gesneriaceae			
	1	*Chrysothemis pulchella* (Donn ex Sims) Decne.	Squarestem
Haloragaceae			
	1	*Myriophyllum aquaticum* (Vell.) Verdc.	Parrot's Feather
Hydrocharitaceae			
	1	*Hydrilla verticillata* (Lf) Royle	Water thyme
	2	*Najas indica* (Willd.) Cham.	Water nymph

	3	*Vallisneria spiralis* L.	kudarebaladagida
Iridaceae			
	1	*Iris domestica* (L.) Goldblatt &Mabb.	Leopard flower
	2	*Neomaria longifolia*	Yellow walking Iris
Lamiaceae			
	1	*Clerodendrum paniculatum* L.	Pedago flower
	2	*Clerodendrum thomsoniae* Balf.f.	
	3	*Leucas aspera* (Willd.) Link	Tumbe gida
	4	*Mentha spicata* L.	Pudina
	5	*Ocimum tenuiflorum* L.	Tulsi
	6	*Plectranthus amboinicus* Lour.	Dodda pathre
Lentibulariaceae			
	1	*Utricularia aurea* Ridl.	
Liliaceae			
	1	*Aloe vera* (L.) Burm.f.	Lolesara
	2	*Asparagus racemosus* Willd.	halavu makkala taayi beru
	3	*Cordyline fruticosa* (L.) A. Chev.	Good Luck Plant
	4	*Gloriosa superba* L.	Glory Lily
	5	*Dracaena reflexa* Lam.	Dragon Tree
	6	*Dracaena surculosa* Lindl.	Golddust Dracaena
	7	*Ruscus aculeatus* L.	Butcher's broom
	8	*Sansevieria cylindrica* Bojer ex Hook.	Cylindrical snake plant
	9	*Sansevieria trifasciata* (Prain) Mabb.	Goddumanji
Lythraceae			
	1	*Lawsonia inermis* L.	Goranti
	2	*Punica granatum* L.	Daadimba

Magnoliaceae			
	1	*Michelia champaca* L.	Sampige
Malpighiaceae			
	1	*Galphimia gracilis* Bratl.	Gold shower
Malvaceae			
	1	*Hibiscus rosasinensis* L.	Dasavala
	2	*Theobroma cacao* L.	Cocoa Tree
Meliaceae			
	1	*Azadiracta indica* A.Juss.	Neem Tree
	2	*Melia dubia* Cav.	Hebbevu
	3	*Swietenia mahagoni* (L.) Jacq.	Big leaf mahagony
Menispermaceae			
	1	*Tinospora cordifolia*	Amritaballi
Mimosoideae			
	1	*Albizia amara* (Roxb.) Boiv.	Chujjulu
	2	*Calliandra haematocephala* Hassk.	Red powder puff
Moraceae			
	1	*Artocarpus heterophyllus*	Halasina mara
	2	*Morus alba*	Hippu nerale
Musaceae			
		Heliconia psittacorum	Parakeet Flower
	1	*Heliconia rostrata*	Hanging heliconia
Myrtaceae			
	1	*Eucalyptus* L'Hér.	
	2	*Pimenta dioica*	Allspice
	3	*Syzygium jambos* L. (Alston)	Rose Apple
Nyctaginaceae			

	1	*Mirabilis jalapa*	Madhyaahna mallige
Nymphaeaceae			
	1	*Nymphaea alba* L.	White water lily
	2	*Nymphaea nouvhali* Burm.f.	Red and Blue water lily
Oleaceae			
	1	*Jasminum multiflorum*	dodda kaadu mallige
	2	*Jasminum sambac* (L.) Aiton	Arabian Jasmine
	3	*Nyctanthes arbor-tristis* L.	Tree of Sorrow
Onagraceae			
	1	*Jussiaea repens*	neeru haavu,
Orchidaceae			
	1	*Cymbidium bicolor* Lindl.	Two coloured cymbidium
	2	*Dendrobium nobile*	
	3	*Epidendrum radicans* Pav.ex Lindl.	Red Crucifix
	4	*Pholidota imbricata* Hook.	Necklace Orchid
	5	*Spathoglottis plicata* Blume.	Phillipine Ground Orchid
	6	*Vanda* Gaud. ex Pfitzer	Vanda
	7	*Vanilla planifoli* Jacks. ex Andrews	Vanilla Creeper
Papilionoideae			
	1	*Abrus precatorius* L.	Gulaganji
	2	*Crotalaria* sp.	Senabu
	3	*Erythrina* sp.	
Pandanaceae			
	1	*Pandanus sp*	Taale hu
Phytolocaceae			
	1	*Rivinia humilis* L.	Coralberry
Plantaginaceae			

	1	*Russelia equisetiformis* Schlecht. & Cham.	Firecracker plant
Poaceae			
	1	*Bambusa vulgaris* Schrad. ex J.C.Wendl	Bamboo
	2	*Chrysopogon* Trin.	Laavancha
	3	*Cymbopogon citratus* (DC.) Stapf	Lemon Grass
Pontederiaceae			
	1	*Eichhornea crassipes* Mart.	Water Hyacinth
Proteaceae			
	1	*Grevillea robusta* A.Cunn, ex R.Br.	Silver oak Tree
Ranunculaceae			
	1	*Clematis gouriana* Roxb. Ex DC.	Nelakuma
Rosaceae			
	1	*Rosa chinensis* Jacq.	Bengal rose
Rubiaceae			
	1	*Coffee arabica* L.	Coffee
	2	*Ixora coccinea* L.	Rukmini
	3	*Pentas lanceolata* (Forssk.) Deflers	Pentas
Rutaceae			
	1	*Citrus reticulata* Blanco.	Mandarin Orange
	2	*Citrus limon* (L.) Osbeck	Lemon
	3	*Ruta graveolens* L.	Naagadaali
Santalaceae			
	1	*Santalum album* L.	Srigandha
Sapotaceae			
	1	*Manilkara zapota* (L.)P.Royen	Sapota
Simaroubaceae			
	1	Simarouba glauca DC.	Lakshmi Taru

Solanaceae			
	1	*Solanum diphyllum* L.	Twoleaf Nightshade
	2	*Withnia somnifera* (L.) Dunal	Ashwagandha
Sterculiaceae			
	1	*Guazuma tomentosa*	Rudrakshi
Strelitziaceae			
	1	*Strelitzia nicolai* Regel & K. Koch	White Bird of Paradise
	2	*Sterlitzia reginae* Banks	Bird of Paradise
Verbenaceae			
	1	*Duranta erecta* L.	Hucchelasi
	2	*Lantana camara* L.	Lantavaani
	3	*Vitex negundo* L.	Nochi
Vitaceae			
	1	*Vitis quadrangularis* (L.) Wall. Ex Wight	vajravalli
Zingiberaceae			
		Alpinia zerumbet (Pers.) B.L.Burtt &R.M.	Light galangal
	1	*Cheilocostus speciosus* (J.Konig) C.Specht	Pushkaramula
	2	*Chamaecostus cuspidatus* (Nees & Mart.) C. Specht & D.W.Stev.	Spiral Flag
	3	Costus sp. L.	
	4	*Curcuma longa* L.	Turmeric
	5	Etlingera elatior (Jack) R.M.Sm.	Torch Ginger
	6	*Zingiber zerumbet*	Bitter ginger

12.4 Bio-diversity of Aves in the Campus of Yuvaraja's college, Mysuru.

The word Bio-diversity is pre-eminent one which refers to the variety of life and its forms. Biodiversity is the natural array of the species and their relationship between them. This involves the variability of the life in given area and in space of time. The most important aspects of the biodiversity is it is unevenly distributed on our planet. In other words, different ecosystem harbors different flora and fauna communities. This can be measured on many levels ranging from the ecosystem to genetic level. It is figured as richness in variety and variability of all life forms in a given region. Quantifying the differences among biological communities as a major step towards understanding how and why biodiversity is distributed in this way. The Indian subcontinent comprises rich diversity in forest, wetlands, marine and desert ecosystem for this purpose it is well known as one of 12th mega diverse countries in the world. Here in this article we have attempted to address the diversity of avifauna in the Yuvaraja's campus, University of Mysore, Mysore.

The Yuvaraja's college constituent Autonomous instituteof University of Mysore is one of the premier organizationestablished in the year 1927, by Sri Krishnaraja Wodeyar prominent Maharajaof Mysuru by laying the foundation stone for the college in the presence of the Pandit Motilal Nehru (Father of first Prime minister of India), Sir Mirza Ismail (Dewan of Mysore) and Rajatantra Pravina Sir Bajendranth Seal (Vice–Chancellor) of University of Mysore. By the time of Silver Jubilee in the year 1954 it was retitled as Yuvaraja's college by the Maharaja Sri Jayachamraja Wodeyar. As a leading academic centre for its educational excellence the collegehas been recognized by UGC under 2(f) and 12(B) of UGC Act and Government of Karnataka. The institution was conferred the status of College with Potential for Excellence in 2010.Apart from this excellent quality of higher education the university grants commission conferred autonomous status to the college in the year 2005 and it was extended up to 2020.Quality enhancement, distinction and sustenance being the hallmark of this institution is further proved during the third cycle of re-accreditation by NAAC. The College constantly aspires to scale great heights in its quest for excellence in imparting human, intellectual, spiritual and moral knowledge for the present generation. In the year 2028 Yuvaraja′s College steps into its 100th year of its existence and service to the nation.

Today, this institute is sheltered in the green belt which is extended to the centre of city .This green piece of land harbors many old flora planted many years ago which wrap up good number of fauna justifying the richness and diversity of living forms in around this campus. Here author have tried to calibrate the marvelous Avifauna in around the campus when came across during routine work.

Ecologically life is supported bydiversity of life forms in one way or in other way which provides raw material for the functioning the present ecosystems. For instance

birds are momentous in plant reproduction as seed dispersers and act as roller in pollination. Along with this it helps in maintain sustainable population levels of their prey and predator species and, after the death, it provides food for scavengers and decomposers. The study of birds (ornithology) has been contributed remarkably to the advancement in the field of community ecology. The avifauna is best indicator of ecosystem stability. Like other organisms birds also plays key role in keeping the ecosystem health. In nature the birds are of significance as pollinators and seed dispersal. The study of the biological diversity of avian in the particular area has now gained a wide global attention.

Role of conservation of birds has been least considered during modification of vegetative habitats and also urbanization of particular habitat. The present study was conducted to know the status of the birds in campus of the Yuvaraja's College University of Mysore. The purpose of survey of Avian was not only to assess the number of the species found in and around the campus but also intended to assess the relationship between habitat and the composition and distribution of avifauna in college campus. A survey was conducted by the direct observation of the birds from 6 to 7.30 am in the early morning and in the evening around 5.00 to 6.30pm from the August to December using the binocular in the college campus.According to the survey conducted in the campus comprises around 30 species of Avian fauna which belongs to 20 familyand 9 orders. given in the Table 1. The order Passeriformes are the commonly spotted in around the campus comprising 13 species. The order Coraciiformes comprises single species with rarely found here and there in the campus.

Table 1. Shows the presence of the Avian fauna in the campus of Yuvaraja's college

Sl	Common Name	Zoological Name	Family	Order	Food Habit	Status
1	Ashy Prinia	*Priniasocialis*	Cisticolidae	Passeriformes	Insectivorous	R
2	Asian brown fly catcher	*Muscicopadasuerica*	Muscicapidae	Passeriformes	Insectivorous	M
3	Bee eater	*MeropsPhillppnus*	Meropidae	Coraciiformes	Insectivorous	R
4	Black Kite	*Milvus migrans*	Accipitridae	Accipitriformes	Scavengers	R
5	Blue Rock Pigeon	*Columba livia*	Columbidae	Columbiformes	Seed Eater	R
6	Brahminy Kite	*Haliasturindus*	Accipitridae	Accipitriformes	Carnivorous	R
7	Bulbul	*Pycnonotus barbatus*	Pycnonotidae	Passeriformes	Frugivorous	R
8	Cattle Egret	*Bubulcuscoramandus*	Ardeidae	Pelecaniformes	Insectivorous	R
9	Coppersmith Barbet	*Psilopogonhaemacephalus*	Megalaimdae	Piciformes	Frugivorous	R
10	Drongo	*Dicrurusmacrocercus*	Dicruruidae	Passerine	Insectivorous	R
11	Golden Oriole	*Orioluskundoo*	Orididae	Passeriformes	Frugivorous	R
12	Great Tit	*Parus major*	Paridae	Passeriformes	Insectivorous	R
13	Hoopoe	*Upupa epops*	Upuidae	Bucerotiformes	Insectivorous	R
14	Hornbill	*Anthracoceroscoronatus*	Bucerotidae	Bucertiformes	Frugivorous	R

15	House Crow	*Corvus splendens*	Psittaculidae	Passeriformes	Scavenger	R
16	Indian Pond Heron	Ardeolagrayii	Ardeidae	Pelecaniformes	Water bird Insects, Fish, Amphibians, etc;	R
17	Jungle Crow	*Corvus culminatus*	Psittaculidae	Passeriformes	Scavenger	R
18	Magpie Robin	Copsychussaularis	Muscicapidae	Passeriformes	Insectivorous	R
19	Myna	*Acridotheres tristis*	Sturnidae	Passeriformes	Insectivorous	R
20	Red Naped Ibis	*Pseudibispapillosa*	Threskiornithidae	Pelecaniformes	Insectivorous	R
21	Rose ringed Parakeet	*Psittaculakrameri*	Psittaculidae	Psittaciformes	Frugivorous	R
22	Shikra	*Accipter badius*	Accipitridae	Accipitriformes	Carnivorous	R
23	Small Minivet	*Precrocotuscinnamomeus*	Campephagidae	Passeriformes	Frugivorous	R
24	Spotted Dove	*Spilopellachenensis*	Columbidae	Columbiformes	Seed Eater	R
25	Spotted Owlet	*Athene brama*	Strigidae	Strigiformes	Carnivorous	R
26	Sunbirds	*Cinnyris asiaticus*	Nectarinidae	Passeriformes	Nectarivorous	R
27	Tickel's blue Flycatcher	*Cyomistickelliae*	Muscicapidae	Passeriformes	Insectivorous	R
28	Warbler	*Phylloscopussibilitrix*	Phylloscopidae	Passeriformes	Insectivorous	M
29	White breasted Kingfisher	*Psilpogonvindis*	Megalaimdae	Piciformes	Insects, worms, Fishes,Amphibians, Reptiles etc	R
30	White Cheeked Barbet	*Psilopogonviridis*	Megalaimdae	Piciformes	Frugivorous	R

R- Resident of YCM: M- Migrant in YCM

Table 2 Shows the list of the lost plant and Avifauna in the Yuvaraja's college campus

1	Tickel's blue Flycatcher	*Cyomistickelliae*	Passeriformes	***Acacia species***	Insectivorous	R
2	Warbler	*Phylloscopussibilitrix*	Passeriformes	***Polyalthia longifolia***	Insectivorous	M
3	House Crow	*Corvus splendens*	Passeriformes	***Azadirachta indica*** ***Cocus nucifera*** ***Dilonox regia*** ***Peltaphorum***	Scavenger	R

12.5 Water Bodies

There are no natural or artificial water bodies such as small ponds and water fountains inside or outside the institute.

Recommendation:

It is recommended to have an artificial mini pond or fountain in the campus. This will help to have good landscape along with building eco system also looks good and beautiful for this green campus.

---oo0oo---

13. Awareness activities

Awareness plays major role in protecting energy & environment. Educating the students in need & approach will act as accelerator in deploying recent trends. This will also help them in their career.

Institution has kept awareness boars in many places. Adding some more posters and boards are in process.

Institution has done different programs in both inside campus and outside campus. Details of such programs are given below.

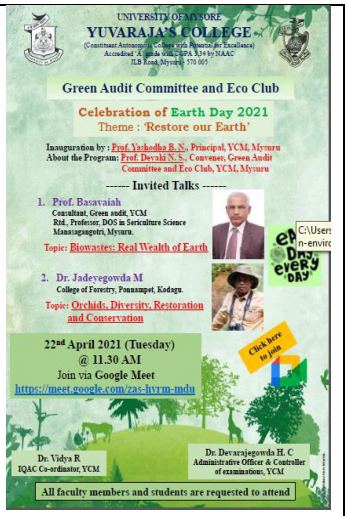
Date/Year	Activities	No. of participants
2018	Art Modelling Form Waste Material	15
2018	Art Modelling Form Waste Material	15
16/02/2019	Workshop on Food Safety Auditing	40
2018-2019	Swacch Bharath	8
2018-2019	Swacch Andolana	10
2018-2019	Swacch Bharath	8
18/09/2018	Nutrition Awareness Talk	6
30/12/2018	Seed Sowing Fest	50
2018-2019	Food Adulteration Awareness Program	40
25/09/2018	Swacch Bharath	6
2018-2019	Seed Sowing Fest	50
22/04/2019	Earth Day Celebration	100
25/09/2018	Swacch Bharath Abhiyan	1000
14/09/2019	Shramadan	4
24/09/2019	Shramadan	5

From May 2020 to	August 2021			
Title of the activities	Organising unit/agency/ collaborating agency	Date	Number of teachers participated	Number of students participated
PLANTING FRUIT PLANTS' Programme held on 27TH September'2019	NSS Unit Yuvaraja's College, Mysuru	25-09-2020	3	5
PLANTING FRUIT PLANTS' Programme held on 27TH September'2019	NSS Unit Yuvaraja's College, Mysuru	29-09-2020	25	15
Essay Writing compitition	NSS Unit Yuvaraja's College, Mysuru	03-10-2020	2	20

Institution has also motivated and promoted students to involve in the competitions and activities done by other organisations and adopt in their home also.

Such as:

- Planting Samplings.
- Plastic Eradication.
- Cleaning the surroundings.
- Waste Segregation using colour coded and marked dustbins.
- Drawings and posters.
- Attending Talks & webinar related to environment conservation.



ANNEXURES

ANNEXURE

14.1 – E-Waste PCB Norms

14.2 – Sample Electricity Bill

14.3 – Sample Water Bills

14.4 – Audit Meetings

14.5 – Battery Buy Back Bill

14.6 – Photos

14.1 E-Waste PCB Norms

9.0 Guidelines for Consumers and Bulk Consumers

9.1 Consumers:

- The Consumers should channelised their e-waste through collection centre or dealer of authorised producer or dismantler or recycler or through the designated take back service provider of the producer to authorised dismantler/recycler.
- The consumer should not throw e-waste in municipal bins.
- The consumers shall ensure that they do not throw end of life fluorescent and other mercury containing lamp in the municipal bin but hands them over (in a properly packed form) to take back system / collection and channelisation system of producer or to a collection centre of an authorised recycler who is part of producer channelisation system.
- The end of life intact fluorescent and other mercury containing lamp may be stored either in the same boxes in which new lamps are brought or other boxes of similar size. They should be sorted upright. The due precaution may be taken while packing more than one used lamp, so as not to cause the possibility of breakage during the storage and transpiration.

9.2 Bulk Consumers:

- The bulk consumers may ensure that e waste generated by them is handed over only to producer take back system or to authorised dismantler/recycler who is part of producers take back/channelisation system.
- The bulk consumers should ensure that used lamps are not disposed in the municipal bin but handed over (in a properly packed form) to take back system / collection and channelisation system of producer or to a collection centre of an authorised recycler who is part of producer channelisation system.
- The bulk consumers must create special type of disposal bins (suitable for the purpose) at site for depositing the end of life intact fluorescent and other mercury containing lamp only. The management of the institute may issue necessary instructions, to ensure this, to staff and workers handling such lamps.
- The end of life intact fluorescent and other mercury containing lamp, as collected above, may be stored either in the same boxes in which new lamps are brought or other boxes of similar size. They should be stored upright. The due precaution may be taken while packing more than one used lamps, so as not to cause the possibility of breakage during the storage and transportation.

14.2 Electricity Bill Sample

Chamundeshwari Electricity Supply Corporation Limited

CESC GSTN No: **29AACCC6636P1Z1**
CESC PAN No: **AACCC6636P**

Office of the Asst.Executive Engineer (EI), C,O&M Sub-division - Mysore Central Sub-Division

RR No.	Account Number	Bill No.	Billing Period	Bill date	Due Date	Disconnection Date
0641504157 (HT444)	0641504111	**064156455360**	01-11-2021 - 01-12-2021	01-12-2021	15-12-2021	

Name & Address:				
EX'ECUTIVE ENGINEER PLATINUM JUBILEE HALL YUVARAJA & MAHARAJA COLLEGE PREMISES MY , KAR -570001	Type	Industrial - HT2a	Wheeling Energy	0
	Tariff	3HT2A-N	High Cost Energy	
	Contract Demand(KVA)	250	Special Energy	
	85% of CD (KVA)	213	Base Consumption	
	Recorded Demand (KVA)	100	Power Cut	
	Billing Demand (KVA)	213	Energy Entitlement Demand Entitlement	

Meter Readings for Meter id 7086545312

Description	Date	KWH Meter	KVAH Meter	MD meter	PF
Present Reading	01-12-2021	8680.25	8771.48	.3995	0.99
Previous Reading	01-11-2021	8595.74	8684.7		
Difference		84.51	86.78	.3995	
Meter Constant		250	250	250	
Consumption		21127.5	21695	99.875	
Less/Add: Consumption		0	0		
Net Consumption		21127.5	21695	99.875	0.99

TOD meter readings for meter ID 7086545312

Time Zone	Name of the Zone	Present Readings	Previous Readings	Consumption	MD Reading
06:00 Hrs to 10:00 Hrs	Morning Peak	0	0	0	0
10:00 Hrs to 18:00 Hrs	Normal	0	0	0	0
18:00 Hrs to 22:00 Hrs	On Peak	0	0	0	0
22:00 Hrs to 06:00 Hrs	Off Peak	0	0	0	0

Your Detailed Bill

Description	Amount (Rs.)
Demand Charges: 213.00 KVA at Rs240.00 per kVA	51,120.00
Energy Charges: First 21,127.50 kWh at Rs7.30 per kWh	154,230.75
Fuel Cost Adjustment Charges: 21,127.50 KWH at Rs-0.06 per KWH	-1,267.65
Interest on Revenue	914.87
Interest on Tax	57.72
Tax	13880.77
Current Bill Amount	**218936.46**
Arrears	**5757.00**
Bill Correction	**0.00**
Bill rounding adjustment	-0.46
Net Payable Amount	**224693.00**

Rupees Two Lakh Twenty-Four Thousand Six Hundred Ninety-Three Only

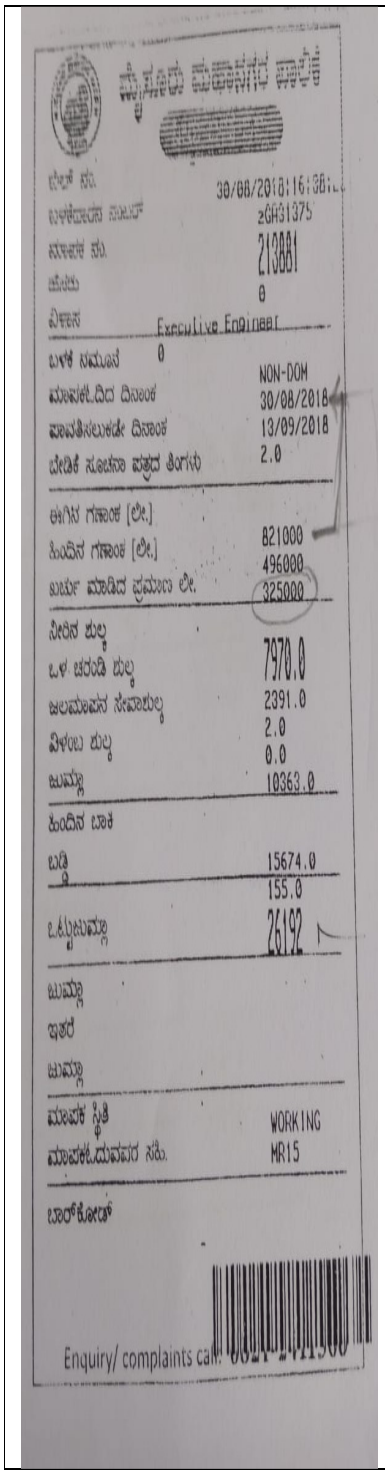
Sd/-

Chamundeshwari Electricity Supply Corporation Limited

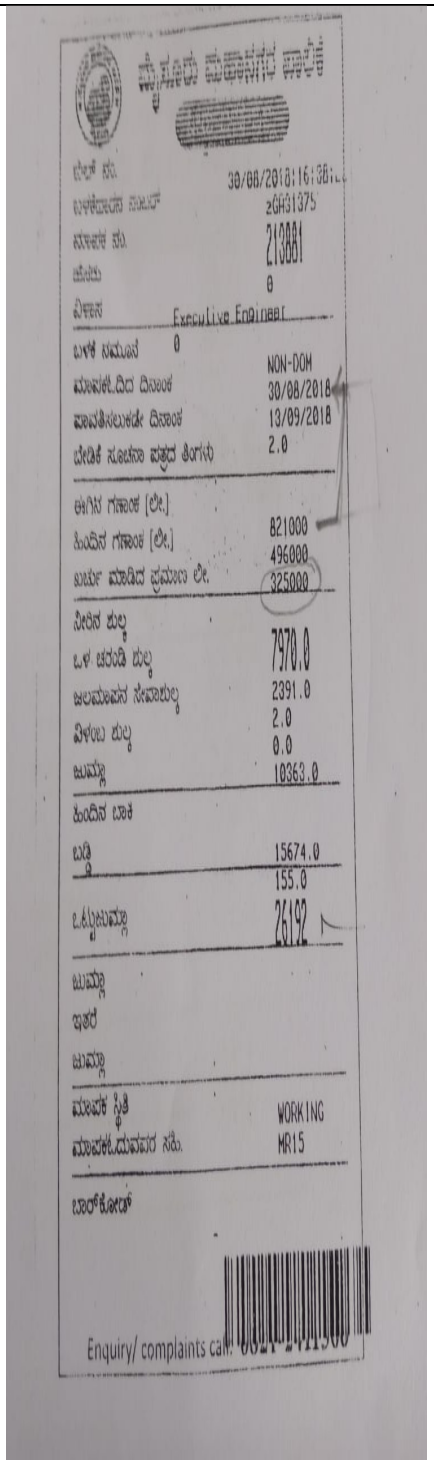
Office of the Asst.Executive Engineer (EI), C,O&M Sub-division - Mysore Central Sub-Division

RR No.	Billing Period	Due Date	Disconnection Date	Bill No.	Account Number	Amount payable
0641504157 (HT444)	01-11-2021 - 01-12-2021	15-12-2021		064156455360	0641504111	Rs.224693.00

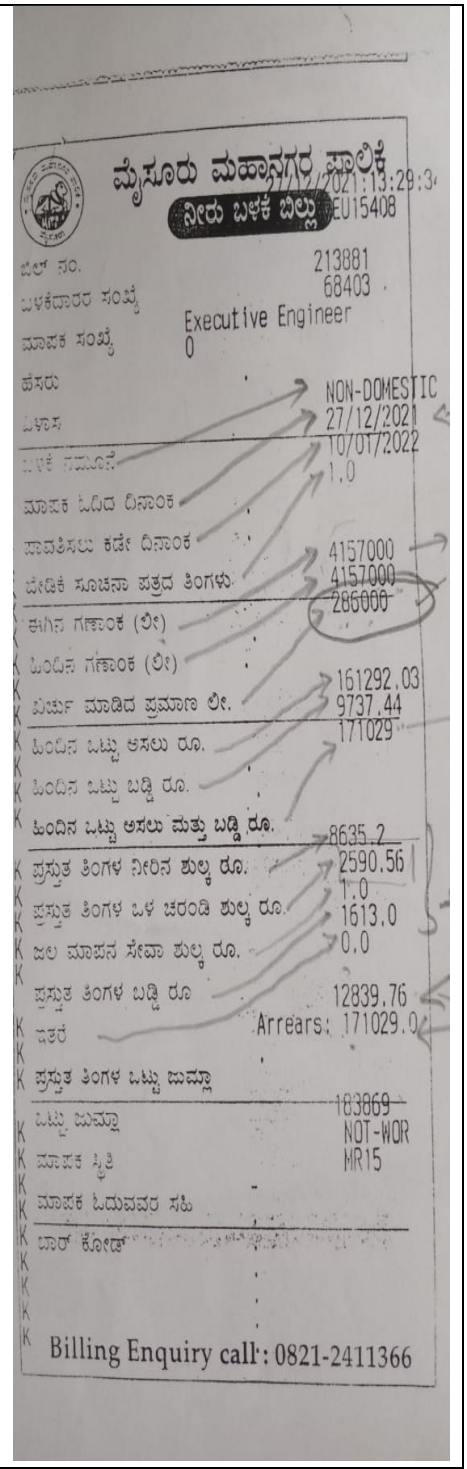
Name of the Bank	Branch	Cheque/DD No.	Cheque/DD Date	Amount (Rs.)	Amount in Rupees
0641504111			*Receipt No.*	*Date*	*Cashier Signature*



ಬಿಲ್ ನಂ. 30/08/2018 16:38:
ಬಳಕೆದಾರನ ಸಂಖ್ಯೆ 2GH31375
ಮಾಪಕ ನಂ. 213881
ಹೆಸರು 0
ವಿಳಾಸ Executive Engineer
ಬಳಕೆ ಸಮೂಹ 0
ಮಾಪಕ ಓದಿದ ದಿನಾಂಕ NON-DOM
ಪಾವತಿಸಲುಕಡೇ ದಿನಾಂಕ 30/08/2018
ಬೇಡಿಕೆ ಸೂಚನಾ ಪತ್ರದ ತಿಂಗಳು 13/09/2018
ಈಗಿನ ಗಣಾಂಕ [ಲೀ.] 2.0
ಹಿಂದಿನ ಗಣಾಂಕ [ಲೀ.] 821000
ಖರ್ಚು ಮಾಡಿದ ಪ್ರಮಾಣ ಲೀ. 496000
ನೀರಿನ ಶುಲ್ಕ 325000
ಒಳ ಚರಂಡಿ ಶುಲ್ಕ 7970.0
ಜಲಮಾಪನ ಸೇವಾಶುಲ್ಕ 2391.0
ವಿಳಂಬ ಶುಲ್ಕ 2.0
ಜುಮ್ಲಾ 0.0
ಹಿಂದಿನ ಬಾಕಿ 10363.0
ಬಡ್ಡಿ 15674.0
155.0
ಒಟ್ಟುಜುಮ್ಲಾ 26192
ಜುಮ್ಲಾ
ಇತರೆ
ಜುಮ್ಲಾ
ಮಾಪಕ ಸ್ಥಿತಿ WORKING
ಮಾಪಕಓದುವವರ ಸಹಿ. MR15
ಬಾರ್‌ಕೋಡ್
Enquiry/ complaints call: 0821-2411366



ಬಿಲ್ ನಂ. 30/08/2018 16:38:
ಬಳಕೆದಾರನ ಸಂಖ್ಯೆ 2GH31375
ಮಾಪಕ ನಂ. 213881
ಹೆಸರು 0
ವಿಳಾಸ Executive Engineer
ಬಳಕೆ ಸಮೂಹ 0
ಮಾಪಕ ಓದಿದ ದಿನಾಂಕ NON-DOM
ಪಾವತಿಸಲುಕಡೇ ದಿನಾಂಕ 30/08/2018
ಬೇಡಿಕೆ ಸೂಚನಾ ಪತ್ರದ ತಿಂಗಳು 13/09/2018
ಈಗಿನ ಗಣಾಂಕ [ಲೀ.] 2.0
ಹಿಂದಿನ ಗಣಾಂಕ [ಲೀ.] 821000
ಖರ್ಚು ಮಾಡಿದ ಪ್ರಮಾಣ ಲೀ. 496000
ನೀರಿನ ಶುಲ್ಕ 325000
ಒಳ ಚರಂಡಿ ಶುಲ್ಕ 7970.0
ಜಲಮಾಪನ ಸೇವಾಶುಲ್ಕ 2391.0
ವಿಳಂಬ ಶುಲ್ಕ 2.0
ಜುಮ್ಲಾ 0.0
ಹಿಂದಿನ ಬಾಕಿ 10363.0
ಬಡ್ಡಿ 15674.0
155.0
ಒಟ್ಟುಜುಮ್ಲಾ 26192
ಜುಮ್ಲಾ
ಇತರೆ
ಜುಮ್ಲಾ
ಮಾಪಕ ಸ್ಥಿತಿ WORKING
ಮಾಪಕಓದುವವರ ಸಹಿ. MR15
ಬಾರ್‌ಕೋಡ್
Enquiry/ complaints call: 0821-2411366



ಮೈಸೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ನೀರು ಬಳಕೆ ಬಿಲ್ಲು
ಬಿಲ್ ನಂ. 213881
ಬಳಕೆದಾರರ ಸಂಖ್ಯೆ 68403
ಮಾಪಕ ಸಂಖ್ಯೆ Executive Engineer
ಹೆಸರು 0
ವಿಳಾಸ NON-DOMESTIC
ಬಳಕೆ ಸಮೂಹ 27/12/2021
ಮಾಪಕ ಓದಿದ ದಿನಾಂಕ 10/01/2022
ಪಾವತಿಸಲು ಕಡೇ ದಿನಾಂಕ 1.0
ಬೇಡಿಕೆ ಸೂಚನಾ ಪತ್ರದ ತಿಂಗಳು 4157000
ಈಗಿನ ಗಣಾಂಕ (ಲೀ) 4157000
ಹಿಂದಿನ ಗಣಾಂಕ (ಲೀ) 285000
ಖರ್ಚು ಮಾಡಿದ ಪ್ರಮಾಣ ಲೀ. 161292.03
ಹಿಂದಿನ ಒಟ್ಟು ಅಸಲು ರೂ. 9737.44
ಹಿಂದಿನ ಒಟ್ಟು ಬಡ್ಡಿ ರೂ. 171029
ಹಿಂದಿನ ಒಟ್ಟು ಅಸಲು ಮತ್ತು ಬಡ್ಡಿ ರೂ. 8635.2
ಪ್ರಸ್ತುತ ತಿಂಗಳ ನೀರಿನ ಶುಲ್ಕ ರೂ. 2590.56
ಪ್ರಸ್ತುತ ತಿಂಗಳ ಒಳ ಚರಂಡಿ ಶುಲ್ಕ ರೂ. 1.0
ಜಲ ಮಾಪನ ಸೇವಾ ಶುಲ್ಕ ರೂ. 1613.0
ಪ್ರಸ್ತುತ ತಿಂಗಳ ಬಡ್ಡಿ ರೂ 0.0
ಇತರೆ 12839.76
Arrears: 171029.0
ಪ್ರಸ್ತುತ ತಿಂಗಳ ಒಟ್ಟು ಜುಮ್ಲಾ
ಒಟ್ಟು ಜುಮ್ಲಾ 183869
ಮಾಪಕ ಸ್ಥಿತಿ NOT-WOR
ಮಾಪಕ ಓದುವವರ ಸಹಿ MR15
ಬಾರ್ ಕೋಡ್
Billing Enquiry call: 0821-2411366

14.3 Sample Water Bills

14.4 Audit meetings

Audit process involves repeated meetings and discussions with concerned authorities. After receiving order for energy audit, we had our first meeting with principal on 15th dec 2021. Post meeting principal assigned responsibility of coordination and information providing to Prof N.S.Devaki, Convener, Green audit & Eco Club committee , Prof S Suresha ,member Green audit & Eco club and Mr. Kumara D Group YCM office. Information given to all sections to co operate with us. (Letter No YCM /899/2021-22 17/11/2021)

We were in regular contact with all concerned and also with office of Yuvaraja College as part of data collection and documents collection.

Post audit meeting held on 05/02/2022 to discuss on audit observations and actions to be taken by college in this regard. This meeting was presided by Principal, IQAC coordinator Dr.Vidya, Prof N.S.Devaki, Convener, Green audit &Eco Club committee, Administrative officer Prof Somashekar and Anil Kumar Nadiger of Rachana enercare. Various observations made in the process of audit and implementation possibilities and prioritisations were discussed in the meeting. Proceedings of meetings attached with this.

14.6 Photos

Well maintained park

Parking lot

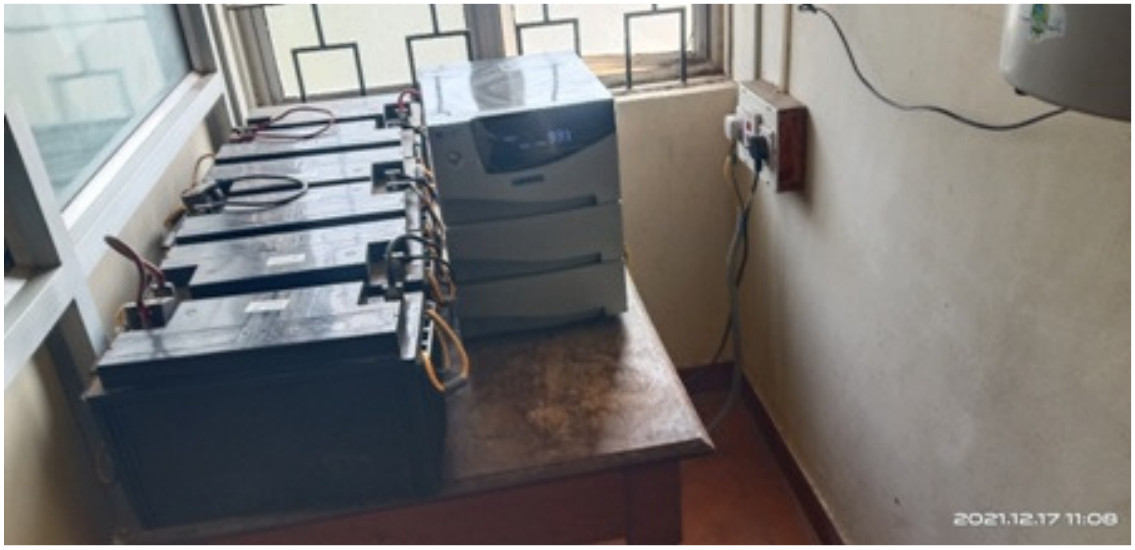
Two wheeler parking under shade

Inverter technology refrigerator
Four star rated

Solar lamp in the park (in the shade to be shifted after repair

Advance data log done using computer during audit

LED lights are used for night time illumination



Well maintained UPS Batteries

Some places battery maintenance to be improved

Air conditioner is used sparingly

Corridor Plants

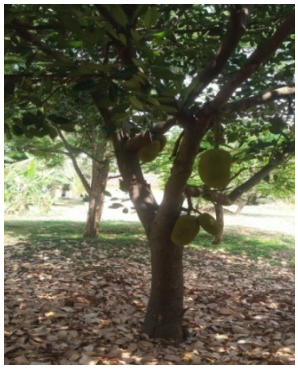
Mcirosorum punctatum

Equisetum

Nephrolepis

Azolla

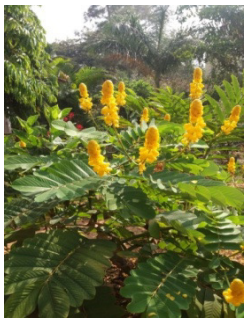
Plants



Artocarpus heterophyllus **Lam.**

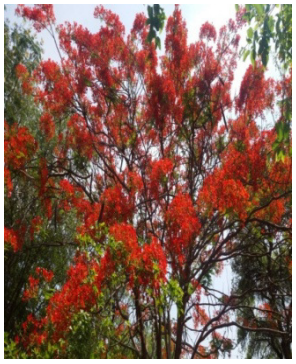
Acalypha hispida **Burm.f.**

Albizia lebbeck **(L.) Benth.**

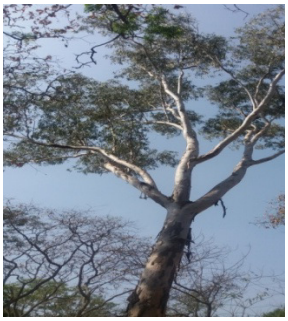


Cassia alata **(Akapulko) (L.) Roxb**

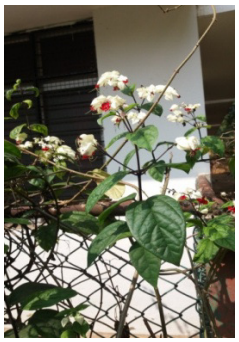
Crescentia cujete **L**



Delonix regia **var.genuina Stehle**



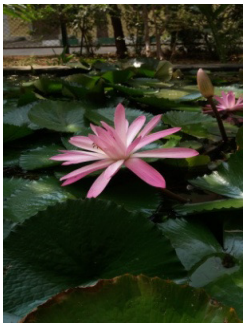
Eucalyptus obliqua **L.**



Clerodendrum thomsoniae **L.**

Millingtonia hortensis **L.f.**

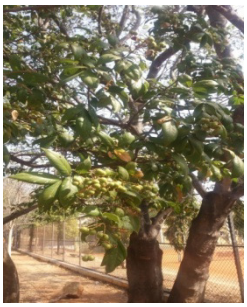
Moringa oleifera **Lam.**



Nymphaea nelumbo **Gaertn.**

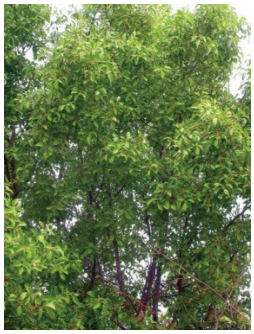
Phyllanthus acidus **(L.) Skeels**

Quisqualis indica L.



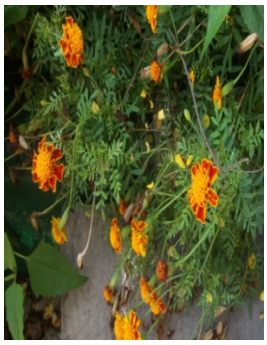
*Sapindus emarginatus*L.

Syzgium cumini (L.) Skeels.

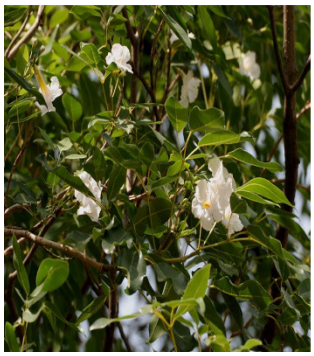


Santalum album L.

Zizyphus jujube

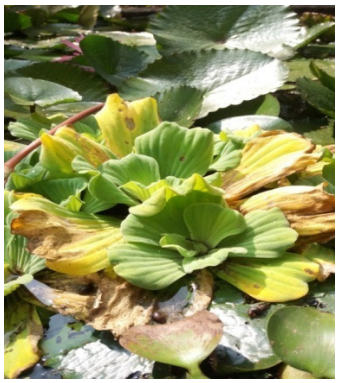


Tagetes erecta L.



Tabebuia pallid Miers

Plumeria pudica Jacq



Pistia stratioles L.

Plumeria rubra L.

Punica grantum L.

Leucaenaleucocephala de Wit

Watching Birds

Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
04-02-2022 11:05	50.019287	248.06021	251.90012	245.04147	433.73456	430.6994	425.97403	22.802174	22.741365	21.872448	-0.44190252	-0.551709	-0.45950162	-0.48480758	2460.7292	3035.8745	2386.0186	7882.6226
04-02-2022 11:06	49.971195	246.84895	251.16623	244.36101	432.09076	429.40396	424.3661	22.718899	22.660124	20.921717	-0.43855917	-0.5514544	-0.50893086	-0.4999482	2427.1406	3047.1604	2507.0159	7981.3174
04-02-2022 11:07	49.978195	246.53122	249.56264	243.43004	430.62646	427.43234	422.8541	22.43687	23.05092	21.517603	-0.42042392	-0.56232506	-0.45905462	-0.4821238	2299.621	3145.4146	2317.984	7763.0195
04-02-2022 11:08	49.99244	246.28648	249.46713	243.16719	430.30145	427.27173	422.29544	22.648575	22.712355	22.102978	-0.4207812	-0.54350585	-0.49319732	-0.4871116	2318.1206	3015.7058	2557.435	7891.2617
04-02-2022 11:09	50.027756	247.16714	250.07007	244.58124	432.02896	428.74753	424.10336	22.86169	23.231125	22.156868	-0.4257971	-0.55968714	-0.37966397	-0.45819616	2372.9568	3177.3489	1983.7494	7534.055
04-02-2022 11:10	50.03934	247.38422	250.93614	244.59303	432.33438	429.83002	424.6206	22.988026	23.175566	22.107738	-0.4326646	-0.5585852	-0.37690067	-0.45819026	2426.0718	3144.65	1968.6753	7539.397
04-02-2022 11:11	50.053333	247.19041	250.32024	244.785	432.04703	429.1358	424.52625	22.644943	22.970436	22.529442	-0.44256163	-0.4845629	-0.34242117	-0.42450112	2444.7825	2686.0608	1820.355	6951.1987
04-02-2022 11:12	50.052418	247.66136	250.1408	244.80621	432.47955	429.2377	424.5271	20.758974	23.293123	22.691748	-0.3584651	-0.4963044	-0.34730417	-0.40317488	1799.5063	2770.1914	2037.8706	6600.7246
04-02-2022 11:13	50.05454	247.54616	250.26898	244.98447	432.49268	429.47882	424.6043	20.817059	23.105686	22.561758	-0.35628122	-0.4907264	-0.33436546	-0.3960948	1801.704	2680.6052	1791.918	6274.2275
04-02-2022 11:14	50.051704	246.5727	249.47342	244.0947	430.9041	428.12036	422.94653	20.771227	22.878466	22.522306	-0.35455865	-0.4824358	-0.33900687	-0.3939489	1778.0299	2733.7246	1806.9375	6318.6924
04-02-2022 11:15	50.04788	246.73402	249.27719	244.6613	431.0804	428.3645	423.4391	20.747131	24.086151	22.57807	-0.36114165	-0.55814165	-0.34703308	-0.42362592	1810.7615	3192.8682	1814.5417	6818.1714
04-02-2022 11:16	50.056652	247.27676	251.37167	244.63153	432.47443	430.18756	424.76218	20.654676	22.519825	21.963633	-0.35150853	-0.563771	-0.4243906	-0.4503904	1757.1936	3129.6506	2205.1533	7091.997
04-02-2022 11:17	50.043873	246.9394	250.34459	244.60025	431.5659	429.2395	424.19293	20.701597	23.366905	21.865593	-0.35353506	-0.5779409	-0.4131358	-0.45363113	1773.9808	3279.4062	2141.2466	7194.6333
04-02-2022 11:18	49.990242	247.26881	249.41054	244.15726	431.42535	428.22595	423.52182	20.873499	26.983585	21.12591	-0.37063974	-0.7104607	-0.43804783	-0.5254706	1871.1909	4677.0645	2185.383	8733.639
04-02-2022 11:19	50.00066	247.77425	250.97688	245.35846	433.10526	430.4822	425.26178	20.82237	22.340479	22.539886	-0.36068627	-0.60091376	-0.39679042	-0.45645878	1817.6282	3332.7168	2118.1814	7268.526
04-02-2022 11:20	49.988808	247.61526	251.68765	245.13927	433.0676	430.7854	425.58337	20.74977	22.142437	22.111542	-0.35978892	-0.64959025	-0.3652222	-0.46141985	1809.016	3507.148	1917.0283	7233.1924
04-02-2022 11:21	49.97096	247.50545	251.75058	245.22072	433.0728	430.79034	425.63358	20.780231	22.458174	22.109003	-0.35966843	-0.6396331	-0.3620991	-0.45708534	1809.4448	3461.736	1897.9358	7169.1167
04-02-2022 11:22	49.978886	248.4179	250.1831	245.4333	433.29736	429.79498	425.61545	20.351357	23.546198	22.370092	-0.4141467	-0.66679615	-0.38016093	-0.49238	2028.0942	3782.685	1986.2222	7797.001
04-02-2022 11:23	49.97294	247.34776	249.9464	244.82788	431.93976	429.13242	424.32907	20.3824	23.19948	21.897516	-0.4092069	-0.66043246	-0.3582938	-0.481949	2014.5083	3700.93	1860.4377	7575.876
04-02-2022 11:24	49.94886	247.0246	249.7302	244.81313	431.4344	428.98575	424.03195	20.327797	23.310879	21.923935	-0.40716845	-0.6625985	-0.3589164	-0.48265868	1998.5513	3727.5933	1861.4175	7587.5625
04-02-2022 11:25	49.978813	245.95334	249.3775	243.36612	429.5904	427.67126	422.21606	20.153877	23.24001	22.092724	-0.40224898	-0.665177	-0.37333843	-0.48672494	1937.6338	3637.5356	1945.3594	7520.5293
04-02-2022 11:26	50.01799	246.42427	250.1527	243.81126	430.9284	428.27945	423.2049	20.771133	23.38375	22.0473	-0.3232802	-0.54281485	-0.42497072	-0.43491623	1603.6937	3060.3855	2371.016	7035.095
04-02-2022 11:27	50.046986	246.44516	249.9791	243.42392	430.7151	428.07486	422.68677	21.254688	23.632477	21.783272	-0.2974328	-0.55444306	-0.40758395	-0.4251179	1525.8796	3194.2334	2092.4575	6812.5703
04-02-2022 11:28	50.036995	246.88504	249.54109	243.61894	430.9714	427.76917	423.07092	21.259527	24.605091	21.737156	-0.29162756	-0.5830588	-0.41509587	-0.43784076	1498.6929	3483.998	2123.0984	7105.789
04-02-2022 11:29	50.04881	247.81125	250.24265	243.93861	432.31134	428.97388	423.8981	21.221827	24.787552	21.61766	-0.28457546	-0.5867941	-0.3998024	-0.4326332	1471.653	3580.5188	2030.9321	7083.1035
04-02-2022 11:30	50.048035	247.84862	251.0008	244.24373	432.6958	429.9879	424.41083	21.253353	25.028252	22.139843	-0.2894446	-0.5970617	-0.30732876	-0.40872806	1497.4302	3631.0647	1614.2053	6742.7
04-02-2022 11:31	50.047764	248.38452	251.39638	245.73334	434.05365	431.07553	426.15344	21.327354	25.368923	21.948933	-0.29004124	-0.60490716	-0.2898006	-0.40828294	1505.5927	3777.9053	1528.1976	6811.6953
04-02-2022 11:32	50.02222	248.85829	251.49	246.11429	434.5568	431.7251	426.63766	21.313107	25.095766	21.97856	-0.29161406	-0.5884774	-0.29390222	-0.40120903	1510.0813	3578.1582	1548.6104	6636.85
04-02-2022 11:33	49.985165	248.12086	251.45667	245.56494	433.7012	431.13882	425.80066	20.500515	24.782122	21.823084	-0.34446442	-0.59529424	-0.42448863	-0.45311752	1737.0879	3526.388	2099.179	7362.6553
04-02-2022 11:34	49.959476	247.49828	250.75244	244.41075	432.2388	429.68457	424.42334	20.556164	24.53829	21.82444	-0.34957868	-0.62236726	-0.3039064	-0.43601337	1738.351	3719.7239	1580.5764	7038.6514
04-02-2022 11:35	49.958847	248.53325	251.25035	244.68546	433.4297	430.93082	425.10962	20.587816	25.0827	20.860176	-0.3475122	-0.6370488	-0.27344966	-0.43444893	1738.7462	3885.3103	1359.8835	6983.94
04-02-2022 11:36	49.963573	249.10126	252.84184	244.87965	434.99088	432.2752	426.2967	20.184298	24.663382	21.949734	-0.37018377	-0.6379112	-0.6011846	-0.5448892	1817.9778	3862.8918	3146.9534	8827.823
04-02-2022 11:37	49.966118	249.59995	253.12955	246.49065	436.5594	433.7366	427.40775	18.440592	24.451048	20.192049	-0.55490804	-0.6285326	-0.3756743	-0.52534467	2472.003	3735.2737	1816.4333	8023.71
04-02-2022 11:38	49.970337	250.04956	253.7921	246.63802	437.23752	434.15707	428.50064	18.456442	23.982307	19.949074	-0.55057126	-0.6284592	-0.41354004	-0.538416	2480.795	3766.7312	1968.5925	8216.119
04-02-2022 11:39	49.967667	249.68373	254.2309	247.0471	437.52008	434.57996	428.63318	18.094608	24.439865	19.983093	-0.52357274	-0.58180827	-0.40055576	-0.50843054	2291.0928	3540.668	1904.1423	7735.9033
04-02-2022 11:40	49.998817	251.14708	255.01103	248.72298	439.68594	436.8833	430.94113	18.387787	24.27521	21.709234	-0.5451062	-0.563127	-0.40480807	-0.50522137	2435.374	3382.305	2120.496	7938.176
04-02-2022 11:41	50.039623	252.37279	256.2688	249.0937	441.52518	438.4836	432.45264	19.07921	25.10672	20.820253	-0.58295846	-0.53907025	-0.39027864	-0.505057	2825.0483	3337.0261	1969.234	8131.308
04-02-2022 11:42	50.043156	251.00092	255.02574	250.25267	440.08542	437.3567	432.47797	18.521267	25.025986	20.8842	-0.537049	-0.53429586	-0.3916769	-0.48932993	2419.4446	3368.2678	1961.6967	7749.409
04-02-2022 11:43	50.024075	251.89938	254.94595	249.1334	440.35245	437.23813	431.81442	18.660753	25.168808	21.117428	-0.55982435	-0.53534824	-0.39271298	-0.49681944	2545.3618	3307.7676	1973.594	7826.7236
04-02-2022 11:44	50.01958	252.69885	256.43384	250.0901	441.98157	439.5141	433.53494	18.805256	25.003542	20.973616	-0.5652894	-0.53524524	-0.39291847	-0.49848238	2601.091	3322.0977	1993.4658	7916.6543
04-02-2022 11:45	50.018707	252.34872	256.19724	251.29596	442.14172	439.61148	434.3387	18.805758	25.368446	20.913097	-0.563455	-0.54840535	-0.39169174	-0.50293154	2590.9492	3457.444	1989.4434	8037.837
04-02-2022 11:46	49.993427	252.17358	256.55264	250.4995	441.79196	439.5669	433.67853	18.786175	25.550278	20.779701	-0.5615798	-0.56251407	-0.39856607	-0.5106484	2580.828	3592.4536	2010.2085	8183.49
04-02-2022 11:47	49.98477	252.1115	256.6752	250.44275	441.74686	439.405	433.89496	18.59491	24.756668	20.79973	-0.55690134	-0.5368239	-0.5087267	-0.53361666	2531.7588	3307.661	2567.5063	8406.926
04-02-2022 11:48	50.04692	252.24484	256.1447	250.31216	441.55234	439.17218	433.40137	18.682533	25.090603	20.252892	-0.5559457	-0.54441214	-0.46998584	-0.5245409	2550.1057	3409.2476	2301.8484	8261.201
04-02-2022 11:49	50.043655	252.57298	256.42157	250.61472	441.88348	439.61453	434.2015	18.59443	24.32368	20.264984	-0.55665463	-0.56010705	-0.46591124	-0.5292606	2534.5518	3279.0872	2284.689	8098.3276
04-02-2022 11:50	50.053135	252.68486	255.94743	250.53879	441.68817	439.24115	434.0056	18.711323	24.377121	20.930843	-0.55802876	-0.55215466	-0.39185452	-0.49904317	2541.6013	3267.1877	1978.719	7787.508
04-02-2022 11:51	50.05799	252.95673	256.28174	250.75233	442.30518	439.66806	434.38202	18.75162	24.099087	20.98185	-0.56187487	-0.538857	-0.3864411	-0.49607953	2580.3079	3139.4888	2021.1448	7740.9414
04-02-2022 11:52	50.047504	253.2684	255.80199	251.80998	442.8378	439.69345	435.3473	20.413416	23.749636	20.872402	-0.6420746	-0.5255832	-0.39432752	-0.5234634	3292.3398	3063.54	1998.6841	8354.564
04-02-2022 11:53	50.05777	253.33315	255.88596	250.99142	442.70984	439.51224	434.50235	19.27009	24.356663	21.310139	-0.57036227	-0.5466194	-0.35617894	-0.49178454	2698.7544	3278.4038	1840.3917	7817.55
04-02-2022 11:54	50.023674	252.50974	255.58257	250.27484	441.41898	438.70923	433.41092	19.141348	24.17772	21.760178	-0.56776243	-0.5575493	-0.39336243	-0.50647724	2668.281	3358.0093	2071.2827	8097.573
04-02-2022 11:55	50.004993	252.28557	255.93019	249.9151	441.18512	438.61688	433.3378	19.564402	23.832647	20.691158	-0.5016976	-0.5402184	-0.38505834	-0.4789607	2403.1904	3182.411	1926.3896	7511.991
04-02-2022 11:56	50.002563	252.23338	255.48997	249.50235	440.81808	437.97946	432.77243	19.479843	23.908356	20.696701	-0.49966192	-0.53639466	-0.3814628	-0.47583792	2382.569	3155.4922	1899.1023	7437.1636
04-02-2022 11:57	49.995296	252.31743	256.00443	249.95149	441.41486	438.78036	433.19016	19.555239	24.487919	20.539825	-0.49824563	-0.50006986	-0.44675493	-0.48274952	2388.1125	2997.0334	2209.3823	7594.5283
04-02-2022 11:58	49.993404	252.77208	256.5877	250.41533	442.12418	439.81406	434.04962	19.473064	24.256983	20.435963	-0.49930966	-0.5023208	-0.4414262	-0.4839394	2389.67	3037.6858	2182.399	7609.755
04-02-2022 11:59	50.02152	253.072	256.7119	250.62177	442.64447	440.0581	434.37576	19.682667	24.250013	21.247345	-0.5061226	-0.49107602	-0.3916484	-0.46633396	2453.5251	3004.853	2017.7104	7476.0884

Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
04-02-2022 12:00	50.035027	253.09981	256.75418	251.5698	443.1204	440.6189	435.09424	19.688461	24.65921	21.262075	-0.5010126	-0.52115166	-0.387142	-0.47167206	2434.7188	3192.9404	1998.8727	7626.532
04-02-2022 12:01	50.056282	255.6545	257.89005	251.7064	445.71573	442.85098	436.8897	20.204475	24.602736	22.484081	-0.44582134	-0.5078478	-0.34296837	-0.43674573	2230.911	3172.3538	1880.2341	7283.4985
04-02-2022 12:02	50.066586	255.91269	258.07108	252.41855	446.3837	443.31915	437.74658	19.81036	24.159977	21.995066	-0.44020456	-0.49777648	-0.30135778	-0.41562223	2170.4712	3065.4392	1618.2208	6854.1313
04-02-2022 12:03	50.033947	255.48148	257.5475	252.16904	445.8259	442.47894	437.0558	19.784986	24.45066	22.036602	-0.44375098	-0.49629235	-0.30367652	-0.4171904	2185.4934	3006.8594	1642.9713	6835.324
04-02-2022 12:04	50.043495	255.1312	257.4689	252.38223	445.3394	442.53336	437.1156	19.8697	23.611336	22.47771	-0.45128033	-0.5218445	-0.2643344	-0.4136025	2239.7585	3259.5508	1458.6548	6955.027
04-02-2022 12:05	50.040535	255.96391	257.90405	252.7056	446.24164	443.52655	437.9725	19.873016	24.050526	22.515118	-0.45231098	-0.53306717	-0.26785946	-0.41984418	2240.189	3185.5815	1494.0698	6919.84
04-02-2022 12:06	50.02436	255.774	257.69553	252.75171	446.23755	443.04025	437.8524	19.824024	24.177332	22.56626	-0.4478295	-0.52399814	-0.2631344	-0.41333967	2203.8938	3124.391	1453.752	6782.0366
04-02-2022 12:07	49.99855	255.20549	257.78082	251.74498	445.2537	442.4379	436.8712	19.679296	24.479462	21.589977	-0.44244662	-0.5328786	-0.34413853	-0.4436168	2150.867	3197.0488	1819.1274	7167.0435
04-02-2022 12:08	49.981728	254.48476	257.1102	252.14832	444.60477	441.74707	436.4923	19.963411	24.612144	22.035275	-0.41659904	-0.55397284	-0.37893775	-0.45509368	2058.1167	3378.6243	2035.8062	7472.547
04-02-2022 12:09	49.969826	254.09984	256.5839	251.67403	443.83188	441.00906	435.60043	19.477463	23.889894	22.02243	-0.4677902	-0.52798086	-0.3110892	-0.44165352	2263.5056	3197.092	1671.8726	7132.47
04-02-2022 12:10	49.945957	253.89915	256.31314	251.39156	443.5321	440.50253	435.0995	19.407188	23.964338	22.0517	-0.46739247	-0.528345	-0.3144482	-0.438771	2244.581	3120.6948	1682.5164	7047.7925
04-02-2022 12:11	49.970898	253.94789	256.33746	251.31908	443.3395	440.71613	435.07993	19.494883	24.044617	22.781502	-0.46931994	-0.5427762	-0.24223052	-0.4208236	2265.874	3286.3357	1339.947	6892.1562
04-02-2022 12:12	49.967693	253.25961	256.28098	251.77275	443.03632	440.557	435.03793	19.44208	24.424084	23.031715	-0.4686192	-0.5067764	-0.2593396	-0.41124725	2249.4749	3075.2988	1459.8473	6784.621
04-02-2022 12:13	49.976715	253.90706	256.75845	251.07848	443.49268	440.76657	435.12814	19.399801	24.41635	22.90487	-0.46601623	-0.5163396	-0.2426131	-0.40909007	2234.1106	3163.192	1355.2336	6752.536
04-02-2022 12:14	49.988235	253.84885	256.53754	251.0397	443.27817	440.62958	434.9255	19.40902	24.563913	22.934559	-0.46571022	-0.51164216	-0.23785181	-0.40556723	2234.943	3123.941	1327.8334	6686.718
04-02-2022 12:15	50.001064	253.21928	256.06046	251.88438	442.7615	440.67923	434.92706	19.618324	24.47754	23.238518	-0.44938	-0.51714474	-0.27848625	-0.41571903	2186.9473	3164.6309	1363.9783	6715.5566
04-02-2022 12:16	50.014202	253.43094	256.0515	250.98828	442.66864	440.17474	434.32898	19.645243	23.954775	22.89907	-0.4485856	-0.49502397	-0.23686163	-0.3991972	2187.2224	3062.9146	1326.3352	6576.472
04-02-2022 12:17	50.023098	253.93947	256.25482	251.45236	443.16916	440.74774	435.29187	19.665897	24.19057	22.922377	-0.45353985	-0.52559423	-0.2461724	-0.41006696	2206.1948	3204.6743	1375.6471	6786.516
04-02-2022 12:18	50.018543	253.09094	256.5748	251.27092	442.59375	440.52713	434.87067	19.757763	24.654568	22.085873	-0.4498991	-0.5063567	-0.325462	-0.43034777	2196.7039	3103.6382	1751.0951	7051.4375
04-02-2022 12:19	50.028526	253.33275	255.85574	250.82773	442.28656	439.84167	434.259	19.209732	24.17189	21.489254	-0.44907427	-0.54088664	-0.27119538	-0.42538798	2127.1162	3247.79	1417.0966	6792.0024
04-02-2022 12:20	50.026028	251.6027	252.21751	249.01788	437.0315	434.45145	432.47473	19.282745	24.542456	21.693562	-0.45627883	-0.54576766	-0.27559814	-0.43093872	2164.1384	3301.671	1445.6802	6911.4893
04-02-2022 12:21	50.006046	252.11142	255.29077	250.72218	440.7585	439.14	433.21228	19.248463	24.18743	22.531845	-0.45880944	-0.5399687	-0.19598316	-0.40019104	2167.6318	3249.5576	1073.0953	6490.284
04-02-2022 12:22	49.971745	252.68254	255.67363	250.61676	441.46783	439.59183	433.52167	19.150717	24.32947	22.283272	-0.45972034	-0.5470303	-0.2711254	-0.42905664	2161.7632	3259.503	1228.1066	6649.3726
04-02-2022 12:23	49.96221	253.40834	256.0641	250.64471	442.52426	439.84946	434.1918	19.162071	23.889132	21.9282	-0.45745462	-0.5225661	-0.23487519	-0.40728244	2170.7976	3100.9077	1255.1167	6526.822
04-02-2022 12:24	49.96578	253.53433	255.92775	250.37189	442.29855	439.72012	434.05545	19.18076	23.375736	21.911795	-0.45618328	-0.52010965	-0.23443674	-0.4048516	2155.3716	3007.4758	1250.2052	6413.0522
04-02-2022 12:25	49.97012	252.97597	255.41382	250.6389	441.9141	439.02634	433.7338	19.218575	23.40067	22.033165	-0.45620686	-0.5196231	-0.23137431	-0.40378615	2163.5435	3008.1848	1237.2025	6408.931
04-02-2022 12:26	49.969433	254.00241	255.4243	250.28012	442.4725	439.26968	434.1027	19.061855	22.629358	20.423962	-0.45423934	-0.5849498	-0.3726751	-0.4757285	2134.3445	3263.7197	1838.6367	7236.7
04-02-2022 12:27	49.99898	253.52826	256.49402	250.8362	443.11615	440.11362	434.62482	19.23375	22.941608	20.249075	-0.45082778	-0.5535406	-0.33357567	-0.45202023	2137.5386	3181.7124	1627.4769	6946.7275
04-02-2022 12:28	50.006283	253.38826	256.65408	249.77902	442.73105	439.62103	433.71628	19.131964	22.994068	19.140755	-0.4419956	-0.54875606	-0.4558746	-0.48677152	2083.7292	3127.497	2097.7415	7308.9673
04-02-2022 12:29	50.01373	253.98874	256.77835	249.76086	443.22766	439.7284	434.33725	19.09693	23.478535	19.632502	-0.44505152	-0.5669426	-0.49842432	-0.50802207	2099.1116	3294.861	2358.7139	7752.6865

04-02-2022 12:30	50.022213	253.1544	256.93823	250.61844	442.79422	440.14008	434.67667	19.27052	23.256615	20.069878	-0.44484055	-0.5439995	-0.3985855	-0.46734264	2109.9739	3126.039	1934.862	7170.875
04-02-2022 12:31	50.036964	253.90625	257.52957	248.99554	443.42596	439.62915	434.086	19.205835	22.87718	19.5006	-0.45553216	-0.5371204	-0.44920334	-0.48422363	2165.1646	3051.9504	2106.06	7323.175
04-02-2022 12:32	50.045532	253.50633	257.16125	250.25914	443.2297	440.0089	434.7504	19.434343	22.878014	20.02747	-0.4590538	-0.53223944	-0.35696992	-0.45394224	2198.328	3020.2878	1722.144	6940.76
04-02-2022 12:33	50.039146	253.68071	257.2244	250.85785	443.38174	440.88168	435.16736	19.482328	22.781528	19.970243	-0.4613816	-0.53200567	-0.35359803	-0.4534943	2218.5059	3017.9575	1710.728	6947.192
04-02-2022 12:34	50.007607	254.12274	257.46045	250.98329	444.03275	441.1479	435.64243	19.409988	22.483273	20.512182	-0.46006268	-0.44722372	-0.3232285	-0.4098167	2197.7036	2477.458	1611.2609	6286.422
04-02-2022 12:35	49.999435	254.4387	257.6351	251.24254	444.48428	441.50406	436.1327	19.156105	21.873848	20.339937	-0.42566723	-0.49685925	-0.32774755	-0.41937846	2017.9148	2733.3853	1625.7372	6377.037
04-02-2022 12:36	49.977734	253.69814	257.3008	251.36586	443.79544	441.05704	435.61853	20.657745	22.279324	22.040434	-0.5641081	-0.5033295	-0.29900885	-0.4540762	2886.9062	2784.193	1611.1525	7282.2515
04-02-2022 12:37	50.00259	253.83318	257.32513	251.38324	443.90857	441.11	435.75854	21.0001	22.090082	21.753193	-0.56733954	-0.49997076	-0.24452654	-0.43702605	2953.4558	2746.108	1300.8997	7000.4634
04-02-2022 12:38	49.99016	254.06741	257.74738	250.96313	444.14288	441.24084	435.81015	21.307781	21.377682	20.956457	-0.50705177	-0.48854673	-0.3268974	-0.4422585	2678.9873	2655.3918	1677.7228	7012.102
04-02-2022 12:39	49.99311	253.38791	257.53384	250.58546	443.5741	440.495	434.9266	20.542336	22.349327	20.568813	-0.6147822	-0.4644624	-0.3394686	-0.47320387	3127.2095	2631.603	1703.4613	7462.2734
04-02-2022 12:40	49.97905	252.56622	257.341	250.38206	442.5826	440.06396	434.2416	20.734766	22.48956	21.146053	-0.6261018	-0.47288352	-0.3529915	-0.4864996	3170.665	2643.923	1909.4933	7724.0815
04-02-2022 12:41	49.981045	252.5914	257.97778	251.01352	443.0598	441.0609	435.00922	20.211363	22.081575	20.85105	-0.6505725	-0.45896348	-0.33227676	-0.47867742	3235.4536	2578.2883	1689.9478	7509.3774
04-02-2022 12:42	50.00278	252.33755	257.3328	251.03166	442.6689	440.40482	434.52426	20.216946	22.444304	21.572008	-0.6639449	-0.4087409	-0.25746316	-0.43887746	3302.803	2315.7021	1358.3125	6976.8174
04-02-2022 12:43	49.98158	252.94614	257.44052	251.1285	443.34802	440.80667	434.84955	20.10185	22.820683	21.55886	-0.6928043	-0.43159947	-0.32252496	-0.47661835	3432.6235	2494.88	1697.2496	7624.7534
04-02-2022 12:44	50.004837	253.77371	257.91653	251.55649	444.38315	441.6453	435.97507	20.12576	22.978914	21.273127	-0.6899172	-0.42551962	-0.27584824	-0.45912507	3424.4922	2448.249	1432.2969	7305.663
04-02-2022 12:45	50.010807	253.86154	258.19153	252.03357	444.82532	442.2393	436.3918	20.289143	22.507126	21.757545	-0.70333	-0.40989977	-0.24924314	-0.44808567	3520.4473	2324.005	1330.0537	7174.506
04-02-2022 12:46	50.025497	253.68633	258.28513	252.26672	444.81836	442.40433	436.49573	21.471424	22.886192	21.806637	-0.7862295	-0.43318984	-0.25097287	-0.48815128	4166.9575	2484.6235	1340.2388	7991.8193
04-02-2022 12:47	50.037754	253.60686	258.4072	252.4357	444.9419	442.44333	436.69952	21.487274	22.892815	21.814405	-0.7820171	-0.44111335	-0.25340018	-0.49018416	4158.9326	2550.0967	1357.3541	8066.383
04-02-2022 12:48	50.014782	253.78146	258.57794	252.47038	445.22592	442.6079	436.91028	21.4916	23.148287	21.574648	-0.7825464	-0.4522632	-0.26007044	-0.49616554	4169.138	2624.8315	1383.1932	8177.163
04-02-2022 12:49	49.993343	253.23227	258.50116	251.60838	444.5205	441.68066	435.97333	22.27524	22.946533	20.807903	-0.79026705	-0.44879848	-0.33605745	-0.52882993	4372.623	2600.2527	1713.4229	8686.299
04-02-2022 12:50	49.967773	253.34755	257.95752	251.34427	444.18573	441.11984	435.66626	22.197657	22.671352	20.870117	-0.7914983	-0.48470318	-0.34019887	-0.5433497	4366.1777	2755.087	1734.0985	8855.363
04-02-2022 12:51	49.988712	252.93588	258.05737	251.98517	444.0595	441.8754	435.60266	22.290485	22.81284	20.775608	-0.79045594	-0.49427554	-0.33389413	-0.5437813	4354.7974	2848.1157	1701.0146	8903.928
04-02-2022 12:52	49.99547	253.31645	257.98898	252.29207	444.24716	442.3846	435.97375	22.477165	22.672535	22.696613	-0.79303324	-0.4836512	-0.21310365	-0.49654877	4432.1304	2761.1096	1190.432	8383.672
04-02-2022 12:53	50.02033	253.55487	258.2897	252.92258	444.888	442.99158	436.7488	22.370335	23.275215	22.332012	-0.7922167	-0.49757668	-0.24874693	-0.51387095	4404.5405	2897.5747	1362.918	8665.033
04-02-2022 12:54	50.033512	253.98978	257.70642	253.64885	445.42563	442.89334	437.28827	22.583988	27.80219	22.116726	-0.8200814	-0.66368645	-0.2807614	-0.59559894	4606.0024	4655.6035	1536.9618	10798.568
04-02-2022 12:55	50.050335	253.90445	257.45898	253.60493	445.22287	442.46664	437.26294	22.561546	27.712822	22.056042	-0.81826514	-0.65333605	-0.25101674	-0.5835251	4601.243	4526.89	1364.2931	10492.427
04-02-2022 12:56	50.06816	255.02145	258.22577	254.18633	446.82462	443.71222	438.6864	22.696598	27.896631	22.113848	-0.8209979	-0.6582912	-0.24108915	-0.5839074	4655.1997	4609.188	1322.8062	10587.193
04-02-2022 12:57	50.07041	254.96936	259.4273	254.11684	447.398	444.8133	438.90146	22.310598	24.15186	22.671011	-0.8159698	-0.48233137	-0.28548515	-0.52602106	4557.677	2929.4917	1596.6909	9083.858
04-02-2022 12:58	50.093304	256.1755	260.39474	254.97762	449.1152	446.44186	440.8139	22.466457	24.513706	22.411022	-0.81592125	-0.4908257	-0.2431931	-0.5173336	4599.52	3031.85	1347.9303	8979.3
04-02-2022 12:59	50.092834	256.60492	261.38254	254.80151	450.10318	447.1203	441.30945	22.424206	24.261686	21.48277	-0.7925492	-0.4930952	-0.3215265	-0.5386789	4482.063	3035.9155	1710.2196	9228.198
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
04-02-2022 13:00	50.10746	259.25677	263.15054	256.1212	453.49835	450.2901	444.68793	22.52509	24.16386	21.473648	-0.7979078	-0.52109	-0.32176235	-0.55120516	4575.339	3209.871	1723.6846	9508.895
04-02-2022 13:01	50.133545	261.99826	265.73895	259.3702	458.66672	455.24936	449.40985	22.630222	23.990183	22.07937	-0.8033245	-0.5165365	-0.3568597	-0.5609388	4675.0225	3198.0725	1985.8801	9858.975
04-02-2022 13:02	50.159847	253.53581	257.43103	251.07503	443.91522	440.54376	435.4574	22.333454	23.924908	21.419086	-0.7834413	-0.51260895	-0.31908172	-0.5419983	4361.558	3068.4907	1672.2003	9102.249
04-02-2022 13:03	50.163074	253.4746	257.22803	251.5432	443.89426	441.1575	435.20724	22.35678	23.811438	21.761778	-0.7839613	-0.50540537	-0.27037704	-0.52291864	4371.165	2926.7068	1441.3352	8739.207
04-02-2022 13:04	50.154537	252.50752	256.2303	250.42036	442.007	439.4003	433.50635	21.316298	23.58163	21.659214	-0.7616735	-0.500807	-0.27020675	-0.5100117	4016.564	2967.9846	1429.3495	8413.897
04-02-2022 13:05	50.11667	251.9254	255.14839	248.28932	439.86407	437.17233	431.30957	21.694002	24.141329	21.395168	-0.60800695	-0.55824864	-0.30987436	-0.49568954	3251.4858	3299.7285	1607.8766	8159.0913
04-02-2022 13:06	50.102394	250.78119	254.67226	247.15918	438.17685	435.7328	429.67966	21.527569	23.397903	20.852837	-0.60309136	-0.54668444	-0.41040218	-0.526597	3219.729	3243.8716	2062.9275	8526.527
04-02-2022 13:07	50.06965	249.83276	253.9211	245.93407	436.72525	433.77524	428.02948	20.627306	22.29852	21.520414	-0.56271845	-0.5057386	-0.3125021	-0.46129844	2840.3745	2789.0623	1610.2135	7239.6504
04-02-2022 13:08	50.050827	249.93896	253.13374	245.50986	436.02423	433.24234	427.33832	21.279533	22.103823	21.96272	-0.39608452	-0.50434494	-0.34817767	-0.41742226	2059.6113	2759.8052	1831.6868	6651.1035
04-02-2022 13:09	50.03618	248.962	251.414	244.13898	433.7577	430.65344	425.14307	20.923204	22.351915	21.471874	-0.39370447	-0.5070112	-0.30549222	-0.40314564	2004.3029	2751.5603	1557.5111	6313.374
04-02-2022 13:10	50.029846	248.64372	251.17752	242.95802	433.1233	429.38394	424.04926	20.762976	22.112694	20.827475	-0.38918987	-0.50752425	-0.3846507	-0.42945305	1983.2236	2763.8784	1891.4819	6638.584
04-02-2022 13:11	50.009094	247.2149	250.2689	242.72235	431.3897	428.12598	422.58362	20.835964	22.111809	20.758307	-0.39402223	-0.49085274	-0.3947739	-0.4283249	1976.345	2660.0854	1931.3715	6567.802
04-02-2022 13:12	50.003662	247.78165	251.02853	243.72203	432.80234	429.51794	423.8073	20.75385	23.266705	20.785162	-0.39006123	-0.46107373	-0.38980776	-0.41582838	1956.0913	2584.8638	1916.9288	6457.884
04-02-2022 13:13	50.010056	247.92105	250.71481	243.61531	432.57755	429.3836	423.674	20.824183	23.140553	21.658209	-0.39421022	-0.4668398	-0.30196446	-0.39032513	1977.3583	2576.3733	1545.5901	6099.322
04-02-2022 13:14	50.010414	248.09238	252.37584	245.10439	434.07587	431.4994	425.82373	20.776566	22.626823	21.611433	-0.39378652	-0.45053512	-0.30803612	-0.38571087	1991.2168	2506.6904	1582.1954	6074.79
04-02-2022 13:15	50.01128	249.34409	252.22176	245.52625	435.20932	432.07062	426.7405	20.79699	22.614763	21.85253	-0.39667827	-0.4574358	-0.34903955	-0.40230793	2014.0455	2560.001	1830.5498	6404.5967
04-02-2022 13:16	50.00192	248.82344	252.10649	244.85832	434.2647	431.40198	426.10092	21.480616	22.773191	21.870262	-0.34194663	-0.46120366	-0.28345913	-0.3644991	1792.5908	2600.5042	1483.4487	5876.544
04-02-2022 13:17	50.029133	249.76779	253.06801	245.72559	436.00064	432.99155	427.57925	21.477575	22.991238	22.259071	-0.3411034	-0.4574477	-0.3135556	-0.3726116	1792.4232	2573.079	1671.7815	6037.284
04-02-2022 13:18	50.037212	249.32321	252.51393	245.17186	435.14456	431.91467	426.8246	21.555643	23.169888	22.041344	-0.34270573	-0.46996838	-0.28289562	-0.36533597	1793.2571	2628.9526	1491.6494	5913.8594
04-02-2022 13:19	50.02582	248.89543	251.78842	244.95877	434.3918	431.027	426.09464	21.529333	23.637178	21.971252	-0.34727937	-0.48898536	-0.28399098	-0.37718084	1825.0352	2828.6738	1492.1067	6145.8154
04-02-2022 13:20	50.05544	249.55377	252.40906	245.29167	435.29578	432.14316	426.86533	21.485142	23.442572	21.667068	-0.34009564	-0.5264357	-0.32036883	-0.39992777	1785.3542	3017.6125	1655.3066	6458.274
04-02-2022 13:21	50.067932	249.0755	251.99849	245.04231	434.56036	431.4169	426.35635	21.348228	22.948801	21.682417	-0.33554566	-0.5102364	-0.32060373	-0.39206153	1746.25	2862.8032	1655.2363	6264.2896
04-02-2022 13:22	50.0423	248.94562	250.55054	245.1111	433.87845	430.07794	425.74796	21.427048	27.03237	21.762383	-0.3491101	-0.65186614	-0.36848333	-0.47307488	1819.9839	4333.994	1911.1104	8065.0884
04-02-2022 13:23	49.91996	248.32744	250.17412	244.16293	433.10498	428.9428	424.29517	20.622368	26.883377	21.200388	-0.4004952	-0.6552496	-0.32336777	-0.47763234	2001.4929	4288.567	1628.7329	7918.793
04-02-2022 13:24	49.97214	249.1471	250.88493	244.54346	434.01965	430.04044	425.59726	21.775045	26.959612	21.285606	-0.25427136	-0.65576285	-0.2877892	-0.42273185	1356.7593	4384.8677	1457.0029	7198.6304
04-02-2022 13:25	49.978157	249.60757	252.20425	245.2582	435.14957	431.94803	426.88535	21.424355	23.008003	21.930313	-0.2615302	-0.5169463	-0.28986636	-0.3597251	1376.1196	2908.506	1485.6904	5770.3164
04-02-2022 13:26	50.017357	249.90363	252.39874	245.34175	435.49796	432.322	427.15616	22.497015	22.612267	21.497799	-0.35630867	-0.51479673	-0.29184696	-0.39017594	1976.0219	2865.8286	1501.6404	6343.491
04-02-2022 13:27	50.024223	249.7573	252.0287	245.30728	435.2924	431.8617	426.86612	21.479322	23.119415	21.429516	-0.26210502	-0.5189116	-0.2951547	-0.36332747	1381.8232	2945.8062	1513.5422	5841.172
04-02-2022 13:28	50.043423	249.93474	252.19759	244.52776	435.25995	431.679	426.33347	21.456087	22.978176	21.522047	-0.2593775	-0.4658504	-0.2925938	-0.34274837	1365.7653	2636.1782	1502.9309	5504.874
04-02-2022 13:29	50.02506	249.35953	251.95493	245.47963	435.09802	431.59348	426.8129	21.501265	24.272907	22.015965	-0.26458362	-0.5099826	-0.34674722	-0.37924603	1376.331	2974.0405	1834.3171	6184.6885
04-02-2022 13:30	50.020023	249.0845	252.0128	245.26971	434.78525	431.53223	426.44946	21.485903	23.38697	21.504845	-0.25901023	-0.4824028	-0.29064968	-0.34839416	1370.7666	2768.8423	1499.433	5639.042
04-02-2022 13:31	50.040718	249.96411	252.91707	245.6599	436.1466	432.72626	427.6632	21.473217	23.013775	20.837036	-0.25502414	-0.47191703	-0.36844575	-0.3674023	1333.924	2684.642	1833.0873	5851.6533
04-02-2022 13:32	50.012333	249.34598	252.3821	245.05798	434.9669	432.03738	426.4889	21.438427	23.200275	20.770607	-0.2561115	-0.4808827	-0.36482292	-0.3705692	1345.4945	2743.0735	1807.5618	5896.13
04-02-2022 13:33	50.0133	248.20992	251.63826	244.9327	433.84265	430.62244	425.55725	21.468319	23.836998	20.721367	-0.25129038	-0.42337292	-0.37826422	-0.35322434	1308.3251	2490.33	1867.3984	5666.0537
04-02-2022 13:34	50.00368	249.9114	253.2257	246.43405	436.6097	433.5087	428.19968	21.028826	24.33833	21.942364	-0.28220782	-0.42851546	-0.26140085	-0.33284926	1458.296	2635.38	1385.8174	5479.493
04-02-2022 13:35	49.980015	250.1762	253.22499	246.75035	436.87067	433.89987	428.54846	21.041397	23.616447	21.89708	-0.28382483	-0.47667882	-0.26341033	-0.3464349	1471.4751	2816.9958	1396.8068	5685.278
04-02-2022 13:36	49.991997	250.07747	253.11403	247.01944	436.86813	433.92758	428.62335	20.910072	23.845682	21.946676	-0.28886718	-0.46780932	-0.26512736	-0.34580985	1473.9514	2771.0596	1633.357	5878.368
04-02-2022 13:37	49.967445	249.8224	253.17606	246.44214	436.6197	433.4907	427.98035	20.829659	22.410357	21.941977	-0.28748366	-0.4120141	-0.2640201	-0.32321593	1469.3345	2299.287	1393.598	5162.219
04-02-2022 13:38	49.95835	249.76976	253.43024	246.07663	436.42203	433.52737	427.86243	20.775263	22.981083	21.888916	-0.28580663	-0.42750412	-0.27121773	-0.33109573	1456.9075	2419.8818	1426.14	5302.929
04-02-2022 13:39	49.934875	250.1961	253.20009	245.9177	436.86328	433.05545	427.95715	20.956661	22.732018	21.967966	-0.2831395	-0.42514086	-0.26978308	-0.32459834	1449.2078	2341.1074	1426.1488	5216.4644
04-02-2022 13:40	49.938457	249.86661	253.8009	245.59633	436.69543	433.20514	427.89774	20.964308	23.152126	21.987755	-0.26202554	-0.36754814	-0.26799774	-0.30149883	1339.136	2155.8958	1410.3887	4905.4204
04-02-2022 13:41	49.927494	249.73062	254.00545	245.12721	436.6741	432.91354	427.5227	20.900818	23.20295	21.211021	-0.25883144	-0.36595216	-0.349525	-0.32628575	1322.3235	2135.8882	1769.8066	5228.018
04-02-2022 13:42	49.950195	249.59511	253.76605	246.05113	436.41254	433.7073	427.93118	20.923695	22.599873	21.26878	-0.25853163	-0.329408	-0.3434853	-0.31097022	1316.1577	1849.3187	1750.8218	4916.2983
04-02-2022 13:43	49.949455	249.58945	254.0916	245.66518	436.6662	433.49893	427.7783	21.080906	23.211742	21.672722	-0.27362272	-0.2907722	-0.38102645	-0.31431913	1414.3834	1658.1877	2027.51	5100.081
04-02-2022 13:44	49.945602	250.10857	254.52933	245.99103	437.6055	434.2379	428.3226	21.06346	23.301199	21.473259	-0.26860902	-0.2844656	-0.35056445	-0.30068675	1395.0676	1641.1206	1791.5132	4827.701
04-02-2022 13:45	49.96598	249.85867	253.87357	246.01886	436.93384	433.67096	428.03497	21.121975	23.273232	22.50123	-0.27775896	-0.28706813	-0.25159082	-0.2754032	1451.6914	1707.1687	1355.0596	4513.92
04-02-2022 13:46	49.968273	249.9451	254.10448	246.10919	437.07217	434.17654	428.09653	21.13358	23.101118	22.441044	-0.26413247	-0.2818047	-0.25073147	-0.26592547	1370.9254	1620.8906	1353.6377	4345.4536
04-02-2022 13:47	49.97205	249.93568	254.53609	246.35335	437.345	434.6736	428.48355	21.463955	23.17229	22.527256	-0.24163127	-0.28196007	-0.24732772	-0.25765097	1283.646	1636.1204	1334.7144	4252.0117
04-02-2022 13:48	49.996258	249.7771	254.39098	246.07523	437.03815	434.13367	428.3243	21.532372	23.873688	22.501595	-0.24162088	-0.319173	-0.24622308	-0.27074695	1276.3418	1813.6255	1334.9554	4424.923
04-02-2022 13:49	49.981762	250.60884	254.69319	246.04427	437.85764	434.54626	429.00244	21.466568	22.969501	22.481844	-0.2359551	-0.27393472	-0.254209	-0.25856048	1251.5059	1620.9581	1384.5627	4257.027
04-02-2022 13:50	49.97902	250.3685	254.24396	245.92776	437.29626	434.31378	428.39532	21.386454	22.59354	22.467968	-0.23880959	-0.3197037	-0.24390952	-0.26838493	1259.4751	1921.1199	1565.0336	4745.629
04-02-2022 13:51	49.94426	250.68698	254.43317	245.34282	437.56168	434.32928	427.98138	21.375114	22.410048	22.39367	-0.23858047	-0.31766555	-0.24311143	-0.26730785	1254.1218	1774.022	1308.3502	4336.494
04-02-2022 13:52	49.955334	251.29338	254.80356	245.94534	438.36578	435.11053	429.12958	21.369308	22.495495	21.680986	-0.23677337	-0.34869507	-0.31877267	-0.3022065	1248.6947	1942.799	1656.0804	4847.5737
04-02-2022 13:53	49.979954	250.753	254.55997	245.50499	437.73123	434.37915	428.37924	21.38557	22.466955	21.684408	-0.23449902	-0.33299187	-0.31760016	-0.29565397	1222.5903	1832.4929	1647.954	4703.037
04-02-2022 13:54	49.958344	250.60654	254.1096	245.0969	436.9887	433.73672	428.0196	22.217646	22.3961	21.745872	-0.1863952	-0.34332627	-0.32330233	-0.28410777	1024.3127	1916.8127	1677.455	4618.58
04-02-2022 13:55	49.955708	250.18675	253.24478	244.82983	436.249	432.5591	427.2491	22.246944	23.108086	21.538755	-0.18913352	-0.3603156	-0.32072043	-0.2900865	1036.0697	2029.6304	1648.1366	4713.837

04-02-2022 13:56	49.982956	250.4265	254.11064	244.84058	436.85468	433.5112	427.6279	22.238379	22.821316	22.488995	-0.18622912	-0.34514812	-0.23967166	-0.2578924	1021.91095	1942.2352	1285.9949	4250.141
04-02-2022 13:57	49.970795	250.24689	253.83453	244.78555	436.52295	433.0883	427.49805	22.206564	22.411184	23.251982	-0.18925102	-0.34274307	-0.2528191	-0.26195505	1036.2782	1904.3406	1404.9236	4345.5425
04-02-2022 13:58	49.99851	250.43156	254.11266	245.1671	436.97604	433.77615	427.818	22.727566	23.201887	23.005781	-0.16534813	-0.30867404	-0.21140042	-0.22918123	924.57007	1789.6373	1171.9612	3888.6685
04-02-2022 13:59	50.006824	249.06364	253.62215	246.22392	436.3381	433.60223	427.23926	22.733793	23.007572	23.17168	-0.15230909	-0.29082516	-0.15247023	-0.2001195	848.2261	1678.8213	847.8848	3374.9321
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
04-02-2022 14:00	50.018265	249.78264	254.2194	246.64107	437.36252	434.51492	428.30576	22.781885	23.149105	23.176998	-0.15106665	-0.28870624	-0.15871015	-0.20020711	846.5339	1655.3453	887.5247	3389.404
04-02-2022 14:01	50.076958	253.29523	257.52667	249.81337	443.20175	440.2372	434.05057	22.995226	23.407883	23.403458	-0.15101507	-0.29538542	-0.15516578	-0.20129228	868.0823	1736.5562	888.6112	3493.2495
04-02-2022 14:02	50.081165	253.27959	257.82343	249.9807	443.70538	439.99423	434.57123	22.158766	23.64502	22.397831	-0.20032327	-0.3075119	-0.2237293	-0.24539897	1108.812	1822.4319	1224.5504	4155.7944
04-02-2022 14:03	50.0848	252.50485	257.12473	249.30992	442.4413	439.0013	433.1137	22.204185	23.791895	22.302237	-0.20015627	-0.32239413	-0.22032657	-0.24964285	1101.6139	1912.0627	1195.8073	4209.4834
04-02-2022 14:04	50.07996	252.11182	256.73804	249.15663	441.6074	438.60095	432.7301	22.091404	23.402538	22.290741	-0.20204014	-0.31785008	-0.22482046	-0.24986039	1109.6025	1863.3716	1220.6772	4193.6514
04-02-2022 14:05	50.075684	251.56444	256.16498	248.56622	440.46912	437.7374	431.76828	21.111479	22.810247	22.2916	-0.24818946	-0.34471825	-0.2295322	-0.27572006	1296.6566	1971.4517	1246.21	4514.3184
04-02-2022 14:06	50.052185	251.69003	256.05908	248.62971	440.47296	437.90375	431.73914	21.117584	22.906849	23.373793	-0.25249603	-0.3444036	-0.1814197	-0.2598328	1315.7318	1972.0232	1031.9147	4319.67
04-02-2022 14:07	50.030277	250.54904	254.36389	247.22859	438.21613	435.14932	429.4081	20.947517	22.840916	23.274755	-0.2508201	-0.3478294	-0.17481536	-0.2582559	1293.2715	1928.869	977.96564	4200.1064
04-02-2022 14:08	49.998226	250.0582	254.31197	246.75412	437.59207	434.5005	428.9247	20.929459	22.838812	22.84903	-0.2483752	-0.34978783	-0.24458216	-0.2812726	1274.2949	1954.3442	1364.601	4593.2397
04-02-2022 14:09	49.978622	249.70847	254.20763	247.70007	437.4857	435.00525	429.37115	20.938942	22.644306	22.7262	-0.25199986	-0.42109117	-0.20780768	-0.29536414	1291.9933	2355.1401	1141.273	4788.4062
04-02-2022 14:10	49.94887	249.94836	254.41177	248.17296	437.98038	435.17743	430.29037	20.924168	22.992966	22.687849	-0.24873178	-0.42411247	-0.20206742	-0.29362693	1273.1863	2383.0425	1110.9329	4767.1616
04-02-2022 14:11	49.935326	251.12135	254.8172	248.04167	439.0217	436.10248	430.83252	20.817562	22.2554	22.670954	-0.25223142	-0.51067585	-0.20089164	-0.32296142	1290.616	2809.1013	1103.7133	5203.4307
04-02-2022 14:12	49.923058	250.23135	255.05792	247.00423	438.4295	434.99005	429.6283	20.81809	22.235168	22.524132	-0.25090617	-0.5078992	-0.20447154	-0.3245936	1281.1648	2817.5952	1109.0164	5207.7764
04-02-2022 14:13	49.921936	250.27606	255.21388	247.34642	438.54456	435.5331	429.909	20.795864	22.699348	21.736057	-0.24724336	-0.46570262	-0.28136382	-0.33504507	1263.9045	2603.4314	1475.8552	5343.191
04-02-2022 14:14	49.9361	250.79367	255.06882	247.84955	438.763	436.01013	430.72388	20.77718	22.582863	21.701124	-0.24649777	-0.47335306	-0.27674404	-0.33610377	1261.49	2647.2092	1454.7183	5364.8545
04-02-2022 14:15	49.911728	250.35399	254.78522	247.43567	438.30515	435.44662	429.77686	20.724617	22.500366	21.689095	-0.24624059	-0.47118497	-0.27650756	-0.33512807	1253.5743	2611.7402	1674.9182	5540.2324
04-02-2022 14:16	49.90019	249.61807	254.26283	246.76648	436.8673	434.6553	428.6676	20.75926	22.860683	21.631105	-0.24714702	-0.48510826	-0.27723372	-0.3410788	1250.5032	2740.1052	1443.6306	5434.2393
04-02-2022 14:17	49.91685	249.60126	254.06302	246.26604	436.4893	434.39948	428.0582	20.618723	23.106289	22.73567	-0.2444564	-0.50277877	-0.36651856	-0.3764807	1240.209	2856.4402	2010.3273	6106.9766
04-02-2022 14:18	49.930573	249.6655	254.3613	246.52162	437.00757	434.6322	428.38116	20.715218	22.5508	22.746796	-0.24569146	-0.49212635	-0.36785227	-0.37269846	1242.1934	2755.6172	2018.3198	6016.1304
04-02-2022 14:19	49.98781	250.25595	254.84624	246.999	437.86774	435.315	429.52783	20.72247	22.672956	22.93332	-0.24700175	-0.49315438	-0.36564514	-0.36884698	1252.234	2750.139	1982.5524	5984.926
04-02-2022 14:20	49.999355	250.34311	254.97897	247.92368	438.3058	436.07678	430.3061	20.983921	22.931763	21.918644	-0.2567325	-0.49634954	-0.2685502	-0.3449592	1319.155	2742.7954	1429.8225	5491.773
04-02-2022 14:21	49.995594	249.69585	254.02855	247.2958	437.04166	434.7515	429.03778	20.9254	22.461073	21.687878	-0.25286555	-0.5324278	-0.24266279	-0.34703556	1293.688	2919.4668	1277.735	5490.8896
04-02-2022 14:22	49.991848	250.1326	253.9181	247.41454	437.36896	434.65594	429.5747	20.871693	22.52468	22.121796	-0.2530799	-0.5368452	-0.29335636	-0.36865366	1307.4617	3062.0078	1568.827	5938.2964
04-02-2022 14:23	49.98287	250.92088	254.7305	246.98015	438.35434	435.3123	429.95987	20.563002	22.553505	22.170067	-0.23743308	-0.54568744	-0.44302353	-0.41796398	1192.0919	3115.8633	2377.2925	6685.248
04-02-2022 14:24	50.005337	250.08698	253.87222	246.65303	436.98526	434.0874	429.0539	20.661377	22.704477	20.349236	-0.24131571	-0.6120148	-0.3443122	-0.4069109	1214.0355	3367.384	1676.6672	6258.087
04-02-2022 14:25	50.00338	248.80357	252.68842	245.59131	434.79135	432.2956	426.9257	20.626198	22.78724	20.385456	-0.23951396	-0.60971326	-0.348328	-0.4096345	1200.3821	3453.4639	1701.787	6355.633
04-02-2022 14:26	50.042606	249.3638	253.05508	246.02351	435.53848	433.11716	427.70917	20.602457	22.53309	20.152672	-0.23497535	-0.59983414	-0.38246953	-0.41451117	1188.2936	3386.3625	1828.8635	6403.5195
04-02-2022 14:27	50.030945	249.30748	253.01544	246.17453	435.87616	432.9627	427.62183	19.889122	22.792654	20.38225	-0.26368883	-0.607999	-0.41404575	-0.43729034	1281.5168	3404.5806	2022.0383	6708.1357
04-02-2022 14:28	50.0129	248.61278	252.04442	245.53201	434.53473	431.68228	426.2414	19.97947	22.80046	20.8796	-0.2706243	-0.60111266	-0.33707494	-0.4115859	1314.0105	3350.4429	1682.5754	6347.029
04-02-2022 14:29	50.02216	248.32751	252.56517	245.11674	434.47595	431.64838	426.03275	20.014952	22.914536	21.119656	-0.26672742	-0.56852466	-0.3559841	-0.40507504	1298.9912	3204.9685	1795.8678	6299.828
04-02-2022 14:30	50.06259	249.35092	252.41063	245.36682	435.26495	432.00934	426.81348	20.812122	22.917995	22.273663	-0.24735084	-0.6248576	-0.43146104	-0.44068813	1249.235	3485.1248	2298.461	7031.946
04-02-2022 14:31	50.06553	249.25792	252.76866	245.92928	435.4853	432.75018	427.28525	20.916567	23.133835	21.151146	-0.2493966	-0.62444204	-0.32955828	-0.40907794	1268.5157	3516.5588	1663.8303	6448.9053
04-02-2022 14:32	50.069542	248.38802	252.15927	244.12286	433.69403	430.95895	425.18246	20.724041	23.041733	22.537102	-0.24481489	-0.6230349	-0.44537628	-0.44440204	1233.7202	3488.454	2385.389	7107.563
04-02-2022 14:33	50.087044	247.21758	251.11337	243.91406	432.01074	429.81534	423.8044	20.763699	23.077757	22.504868	-0.24490063	-0.62866914	-0.447762	-0.44735143	1217.4846	3528.378	2394.3247	7140.1865
04-02-2022 14:34	50.077866	247.29718	251.47226	244.76836	432.69586	430.53717	424.63666	19.601767	23.116865	20.965775	-0.27162793	-0.62587905	-0.45407194	-0.46193996	1290.8975	3546.38	2241.531	7078.8086
04-02-2022 14:35	50.08511	248.91058	252.51988	246.2273	435.4855	432.51437	427.00055	19.774738	22.493639	21.139637	-0.27646357	-0.59499526	-0.3961429	-0.43026534	1321.4358	3272.1294	1984.5233	6578.0884
04-02-2022 14:36	50.06789	249.62599	253.05391	246.82169	436.3758	433.57135	428.2468	19.701355	22.51652	21.456585	-0.28260562	-0.6378649	-0.4251712	-0.45665404	1353.8195	3500.7446	2170.8843	7025.4487
04-02-2022 14:37	50.056656	249.85374	253.65425	246.25177	436.22067	434.42377	427.99765	19.600655	22.406673	23.163662	-0.2877735	-0.6391324	-0.44990724	-0.4660802	1362.3103	3517.5151	2494.273	7374.0986
04-02-2022 14:38	50.030727	249.61351	253.15726	246.59366	436.13705	433.6734	428.14795	19.774967	22.6759	22.556633	-0.29464102	-0.6424175	-0.26607877	-0.4073128	1415.4155	3563.215	1437.0159	6415.6465
04-02-2022 14:39	50.042725	248.83038	252.02159	246.53796	434.85324	432.66965	427.00458	19.840244	22.478748	22.98859	-0.30175325	-0.6319483	-0.24193741	-0.3953357	1472.7529	3453.5498	1326.8248	6253.1274
04-02-2022 14:40	50.04068	248.99005	252.23717	246.43448	434.7749	433.0119	427.21344	19.828817	22.023579	23.107986	-0.3008223	-0.6262451	-0.24236521	-0.391816	1446.3256	3410.436	1580.1865	6436.948
04-02-2022 14:41	50.065304	249.14307	252.406	247.16943	435.61618	433.31058	427.9016	19.29951	22.119616	23.124445	-0.36608788	-0.61943924	-0.2417899	-0.40957853	1710.3632	3339.4675	1337.5648	6387.3955
04-02-2022 14:42	50.061367	248.0618	252.20332	245.91034	434.0994	432.34357	425.99017	17.944466	22.195663	23.99083	-0.5158504	-0.6295695	-0.34996152	-0.49407768	2214.3357	3405.4885	2006.6937	7626.518
04-02-2022 14:43	50.06232	247.60185	251.52263	245.94583	433.37924	431.63522	425.49863	18.508106	22.09666	23.022415	-0.44895658	-0.6179836	-0.24679224	-0.4376997	2001.5895	3361.3938	1358.9841	6721.968
04-02-2022 14:44	50.07449	247.95564	252.29913	245.74281	434.31985	431.98694	425.82205	18.445864	22.43448	23.020002	-0.44705966	-0.588133	-0.24684757	-0.42576432	1975.5299	3157.582	1357.3948	6490.507
04-02-2022 14:45	50.065228	248.61351	252.51256	245.8132	435.15765	431.81366	426.7908	18.418169	22.839811	22.1634	-0.44518712	-0.59790164	-0.33155274	-0.46164033	1977.3921	3326.2512	1745.7733	7049.4165
04-02-2022 14:46	50.055763	248.82124	252.91302	246.14778	435.29773	433.27542	426.818	18.332413	22.246044	22.134327	-0.44604084	-0.5874754	-0.3082073	-0.448912	1976.9952	3206.8877	1628.9496	6812.8325
04-02-2022 14:47	50.066402	249.29535	253.30144	247.05524	436.11777	434.17462	428.16266	18.326286	22.649475	22.52658	-0.4485989	-0.6061919	-0.34590608	-0.46954098	1995.1487	3366.1177	1862.4058	7223.672
04-02-2022 14:48	50.066242	249.38162	253.45033	246.86899	436.44138	434.18008	427.9198	18.358173	22.942223	22.207335	-0.4467092	-0.6078049	-0.31413642	-0.45977154	1986.4951	3390.1157	1659.0807	7035.6914
04-02-2022 14:49	50.07661	249.00711	253.11708	246.80861	435.6701	434.20874	427.3265	18.409533	23.004152	23.078693	-0.45114562	-0.6046876	-0.23809981	-0.4326439	2018.633	3412.5876	1322.7275	6753.948
04-02-2022 14:50	50.07412	248.8447	252.93979	247.22089	435.94324	434.07834	427.3042	17.936138	22.895054	23.16868	-0.52088976	-0.604481	-0.26304343	-0.45794296	2249.2092	3378.3955	1445.386	7072.9907
04-02-2022 14:51	50.05842	249.29762	253.52922	247.44107	436.78366	434.61707	428.1177	18.005873	22.710447	23.25781	-0.5224746	-0.595957	-0.25521684	-0.4548891	2289.5276	3327.8894	1418.3978	7035.815
04-02-2022 14:52	50.05464	249.86403	253.37132	247.9377	437.21353	434.94025	428.92447	17.959703	22.780373	23.262272	-0.5221528	-0.6364773	-0.2473583	-0.46824718	2300.7537	3599.85	1376.9412	7277.545
04-02-2022 14:53	50.06389	249.73172	253.5318	247.66551	436.94592	434.82513	428.89178	17.897118	23.067406	23.396082	-0.5245434	-0.6487002	-0.2656715	-0.47652245	2276.674	3655.0347	1484.9604	7416.6694
04-02-2022 14:54	50.032017	249.8863	253.98491	247.38641	437.3665	435.10532	428.76553	17.683317	22.811619	23.801514	-0.52186495	-0.6459003	-0.31035417	-0.48924977	2249.713	3617.7559	1766.0896	7633.5576
04-02-2022 14:55	50.044277	250.23732	254.44656	248.21642	438.15933	436.23975	429.68018	17.826801	22.405787	23.392355	-0.52052736	-0.6394964	-0.2769719	-0.47461632	2251.2124	3529.3071	1553.4319	7333.952
04-02-2022 14:56	50.05091	250.93935	255.02629	248.96352	439.48315	436.90497	431.20627	17.741966	22.809246	22.62808	-0.51826596	-0.6490314	-0.34323445	-0.50396913	2243.02	3625.8823	1862.6781	7731.581
04-02-2022 14:57	50.06116	250.75429	255.32324	248.2745	439.09192	437.0357	430.47464	17.83797	22.94547	22.688864	-0.53433144	-0.65301234	-0.34587845	-0.51149285	2324.4348	3651.6042	1865.268	7841.3066
04-02-2022 14:58	50.065113	251.17624	255.67004	248.93759	440.00275	437.4943	431.5848	17.878159	22.87404	22.674324	-0.5328564	-0.6456495	-0.3434565	-0.50742066	2336.8616	3618.6885	1994.9014	7950.4517
04-02-2022 14:59	50.05446	251.02672	254.94554	249.07161	439.58243	437.0157	431.19165	18.48512	23.491093	22.823904	-0.56231636	-0.6719614	-0.34575	-0.52770066	2538.2356	3876.9492	1878.5369	8293.722
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
04-02-2022 15:00	50.082462	250.7452	255.46928	249.78473	439.5854	437.91537	431.94733	18.873114	23.642742	23.521214	-0.56378776	-0.64170986	-0.2713747	-0.48946035	2603.401	3756.8208	1536.211	7896.4326
04-02-2022 15:01	50.10367	251.39098	256.16	248.72887	439.98245	438.32407	431.6369	18.276001	23.181274	24.721205	-0.62360066	-0.6308289	-0.38361916	-0.5378461	2792.8235	3620.0833	2282.5283	8695.435
04-02-2022 15:02	50.12786	251.39148	255.60118	248.89531	440.20462	437.8265	431.2259	18.424757	23.227182	23.533306	-0.6216824	-0.62951964	-0.26799127	-0.49891347	2810.045	3610.1184	1513.2257	7933.389
04-02-2022 15:03	50.143143	252.29388	256.1328	248.07397	440.27792	438.3071	431.73392	20.647623	23.297186	23.74278	-0.36941996	-0.6485063	-0.266226	-0.4332942	1887.3025	3836.0608	1508.5912	7231.954
04-02-2022 15:04	50.144997	250.84132	254.94283	247.29114	438.08633	436.59253	429.70593	20.654457	23.629044	24.765362	-0.37387705	-0.63812006	-0.37385798	-0.46528158	1892.0714	3707.9453	2215.3723	7815.3887
04-02-2022 15:05	50.11417	249.71954	253.6375	246.648	436.51093	434.141	428.41986	20.420834	23.236963	23.587357	-0.47200817	-0.6251303	-0.2794757	-0.45937455	2357.339	3568.4224	1567.5007	7493.2617
04-02-2022 15:06	50.10886	249.73735	253.89548	246.58527	436.53897	434.32755	428.57657	20.42309	24.068634	22.816858	-0.46949825	-0.63725287	-0.36690098	-0.4967657	2343.009	3732.6414	1978.7705	8054.4214
04-02-2022 15:07	50.096294	249.70705	253.39592	246.05177	436.0009	433.78522	427.81085	20.41372	24.763174	22.642365	-0.4732494	-0.70481354	-0.34270155	-0.51638365	2359.6104	4273.7754	1830.1289	8463.515
04-02-2022 15:08	50.063896	249.60512	253.58609	246.52808	436.1295	434.37152	428.0726	20.447754	22.986897	22.407446	-0.4704012	-0.66447186	-0.38128996	-0.5093881	2337.0518	3733.8535	2017.3949	8088.3003
04-02-2022 15:09	50.051464	249.58661	253.82759	246.58067	436.50348	434.35263	428.1997	20.293406	23.195086	21.652618	-0.4653197	-0.6699401	-0.4312782	-0.52720153	2294.3613	3780.255	2206.4556	8281.072
04-02-2022 15:10	50.03059	250.06941	253.76447	247.24774	437.20453	434.67526	429.05313	20.440182	23.244492	22.190567	-0.46962935	-0.672006	-0.34683403	-0.5015663	2348.1743	3822.663	1822.611	7993.448
04-02-2022 15:11	50.043488	249.65605	253.6929	247.26538	436.78568	434.64517	428.69266	20.408346	23.362064	22.288408	-0.4686709	-0.6700677	-0.35419226	-0.50281346	2327.283	3812.3826	1866.7693	8006.435
04-02-2022 15:12	50.02433	248.85571	253.0369	246.6614	435.61707	433.58777	427.3494	20.42447	23.210838	22.271803	-0.4679725	-0.67205393	-0.35484937	-0.5032787	2320.2751	3772.5469	1892.1238	7984.9463
04-02-2022 15:13	50.031	248.29805	253.32521	245.96632	435.06906	432.91318	426.91293	20.899279	22.746765	21.747147	-0.40675893	-0.67607385	-0.37817705	-0.49341592	2066.498	3809.7654	1939.461	7815.7246
04-02-2022 15:14	49.996956	248.067	253.02158	246.16278	434.52176	432.91467	426.8691	20.870333	23.224594	21.806168	-0.40833712	-0.6752589	-0.37446064	-0.49253112	2069.7097	3811.1008	1922.4795	7803.29
04-02-2022 15:15	49.985313	247.99416	253.19481	245.69612	434.4011	432.7967	426.47708	20.752047	23.40064	23.852291	-0.40629148	-0.64134634	-0.5130687	-0.5249748	2045.3894	3640.5422	2680.6213	8366.553
04-02-2022 15:16	49.979546	247.61423	252.80966	245.75252	433.91177	432.44662	426.0871	21.278126	23.767824	21.831339	-0.37772182	-0.65729547	-0.39174527	-0.48719957	1942.8013	3915.763	2014.0826	7872.647
04-02-2022 15:17	49.966274	247.4204	253.24318	245.14835	434.063	432.16098	425.59885	21.310036	22.992882	21.350832	-0.34420067	-0.62690693	-0.47002128	-0.48454502	1776.2438	3546.849	2350.9102	7674.003
04-02-2022 15:18	49.96028	247.829	253.0211	245.17445	434.31555	431.8249	426.0476	21.267075	22.921566	21.57558	-0.34200212	-0.6098636	-0.47812554	-0.48016202	1779.0779	3373.2212	2277.499	7429.798
04-02-2022 15:19	49.947968	247.55734	251.77475	244.35538	432.97586	430.32706	424.83176	21.161312	22.813795	22.766647	-0.3430364	-0.6095274	-0.5485533	-0.50393456	1756.4574	3369.745	2930.168	8053.152
04-02-2022 15:20	49.95987	247.5126	252.03288	244.49767	433.19632	430.8072	424.74805	21.329529	22.64145	21.338448	-0.3432814	-0.6043485	-0.4598694	-0.47252908	1766.2494	3337.2375	2285.1465	7388.6333

04-02-2022 15:21	49.95307	247.13184	252.29765	244.9816	433.143	431.3958	424.8506	20.716637	23.500267	22.191467	-0.40813342	-0.6260334	-0.35478124	-0.46945325	2045.4677	3588.976	1839.1681	7473.6123
04-02-2022 15:22	49.980965	247.34421	252.31465	244.47478	432.89838	431.30933	424.70074	20.5157	22.578535	24.203396	-0.40368134	-0.6403693	-0.49249086	-0.5154784	2004.6422	3516.421	2798.7122	8319.775
04-02-2022 15:23	49.999096	248.05377	253.20892	245.07399	434.27567	432.6	425.851	20.707438	22.662567	22.60852	-0.40311852	-0.6390513	-0.3173846	-0.45644963	2024.5701	3518.093	1682.9762	7225.639
04-02-2022 15:24	50.00178	247.925	253.34763	245.53748	434.45166	432.79938	426.29657	20.715637	22.433397	22.624413	-0.40227747	-0.63112146	-0.31703842	-0.4527312	2018.0139	3450.9507	1687.6886	7156.6533
04-02-2022 15:25	49.95926	247.54645	252.66531	245.59363	433.78198	432.3024	425.71796	20.712984	22.78072	22.565899	-0.40304595	-0.6408956	-0.3146703	-0.4563221	2019.155	3539.746	1671.6814	7230.583
04-02-2022 15:26	49.996586	248.6004	254.31895	246.56975	435.73663	434.61597	427.8346	20.697872	22.05597	22.281963	-0.40109175	-0.63627315	-0.3453742	-0.463575	2018.4211	3527.7607	2064.0852	7610.2666
04-02-2022 15:27	49.966473	248.74564	254.18155	246.17853	435.4496	434.2443	427.827	20.66964	22.548946	22.369627	-0.4023784	-0.643863	-0.3544977	-0.47034663	2022.2264	3525.1614	1861.7592	7409.1465
04-02-2022 15:28	49.986618	248.97296	253.6393	245.62807	435.25922	433.5612	427.19897	20.690586	23.933546	21.500479	-0.40055263	-0.6581663	-0.42639703	-0.5014107	2014.7056	3729.824	2165.8972	7910.427
04-02-2022 15:29	49.96195	248.04533	254.70984	245.97324	435.06552	434.2424	427.56384	20.591923	22.880863	22.039185	-0.39628908	-0.6543525	-0.45755354	-0.50779474	1980.3049	3653.1675	2384.643	8018.115
04-02-2022 15:30	49.934975	250.41699	254.5915	245.286	437.10437	434.4339	428.04153	20.536987	22.855473	23.267584	-0.39835456	-0.6126674	-0.52725434	-0.5168035	2000.8568	3416.08	2885.3945	8302.332
04-02-2022 15:31	49.918182	249.82826	253.96104	245.33884	436.42322	433.754	427.38232	20.613672	22.408522	21.672476	-0.3968532	-0.6011287	-0.4297814	-0.48002896	2004.0381	3343.7197	2192.299	7540.0566
04-02-2022 15:32	49.957954	249.45334	254.0569	244.78539	435.6804	433.59055	426.8456	21.208933	22.753868	23.593657	-0.45043492	-0.59858483	-0.45703226	-0.5032505	2381.652	3295.9458	2526.4263	8200.587
04-02-2022 15:33	49.95506	248.63966	253.12547	245.04147	434.377	433.00134	426.1528	20.656898	21.931522	22.98901	-0.4001612	-0.5694323	-0.30004945	-0.4232172	2008.1963	3112.1738	1815.8612	6936.231
04-02-2022 15:34	49.972157	249.57877	253.97754	244.76797	435.4397	433.78256	426.93576	20.604263	21.876467	23.070269	-0.40240166	-0.5686602	-0.29810995	-0.42291793	2022.0973	3014.43	1628.4967	6665.024
04-02-2022 15:35	49.965076	250.34126	254.20158	245.72395	436.51587	434.9012	428.0999	20.632664	22.587341	23.035027	-0.402265	-0.58865017	-0.29459918	-0.43001312	2051.142	3571.1973	1602.1259	7224.4653
04-02-2022 15:36	49.995335	249.48416	253.29425	245.66069	435.4319	433.6189	427.30463	20.617504	22.366585	23.469753	-0.40258005	-0.5826495	-0.33891198	-0.4244263	2027.9929	3118.9036	1616.7966	6763.6924
04-02-2022 15:37	50.00736	249.68651	253.15231	245.7716	435.5135	433.5586	427.5781	20.730207	21.724457	22.958048	-0.4056358	-0.6094939	-0.2995722	-0.43774095	2065.8167	3340.972	1634.6516	7041.44
04-02-2022 15:38	49.960487	249.27652	252.9602	244.40837	434.3178	432.71497	426.20862	20.529072	21.928062	22.286697	-0.40161788	-0.6198992	-0.37577564	-0.46797574	2027.7948	3318.9749	1971.4521	7318.222
04-02-2022 15:39	49.956127	249.31772	252.86261	243.7342	434.16275	432.31702	425.49362	20.410204	21.75788	23.557129	-0.4007412	-0.61961865	-0.46950006	-0.49832502	2003.2805	3327.2922	2598.6453	7929.218
04-02-2022 15:40	49.98515	249.46791	253.52368	244.93672	435.1119	433.60736	426.7486	20.590048	22.019676	22.132494	-0.39913914	-0.6266342	-0.36442664	-0.46528575	2006.0879	3368.94	1906.7363	7281.7646
04-02-2022 15:41	49.97293	249.66652	253.84612	245.73509	435.7448	434.25558	427.75635	20.530424	22.015427	22.184586	-0.4003573	-0.63786364	-0.36624363	-0.47299546	2019.8094	3507.7039	1918.0854	7445.5986
04-02-2022 15:42	49.96258	249.61823	253.42241	245.40707	435.39084	433.73108	427.24612	20.58552	22.12379	22.187607	-0.4011633	-0.6322747	-0.36710057	-0.46959376	2012.2795	3429.8882	1920.8477	7363.0156
04-02-2022 15:43	49.946518	250.00262	253.41718	245.50749	435.38403	434.04126	427.76486	20.494642	21.630795	22.937035	-0.4052518	-0.62364537	-0.29258487	-0.44023576	2049.312	3328.9294	1589.45	6967.6914
04-02-2022 15:44	49.96205	250.65681	253.77257	245.67911	436.42294	434.31952	428.49847	20.574968	21.659428	22.982399	-0.40753636	-0.6238052	-0.29015413	-0.44014388	2061.7332	3352.9617	1583.3953	6998.0903
04-02-2022 15:45	49.942314	250.41173	253.81433	246.17827	436.21405	434.79697	428.73975	20.58377	21.594246	22.89592	-0.40142462	-0.57711285	-0.2932752	-0.42352682	2040.5885	3151.6484	1606.7493	6798.9863
04-02-2022 15:46	49.958366	250.666	254.19043	247.03159	436.98746	435.60925	429.72675	20.589188	21.815323	22.903267	-0.40224588	-0.58122694	-0.2965189	-0.4265525	2029.1979	3089.132	1627.0367	6745.3667
04-02-2022 15:47	49.93538	251.1743	254.34164	246.63205	437.3054	435.6142	429.8513	20.511244	22.146425	24.160149	-0.40182298	-0.5880196	-0.39371437	-0.46491733	2029.6202	3199.856	2366.0085	7595.4844
04-02-2022 15:48	49.95495	251.31546	254.38432	247.02646	437.85428	435.88022	430.04007	20.702961	21.919064	22.932571	-0.40312424	-0.5818836	-0.28579658	-0.42328805	2059.7026	3136.6924	1577.7166	6774.112
04-02-2022 15:49	49.9261	251.37038	254.56644	246.62549	437.61057	436.00076	429.87488	20.497534	23.40815	23.47729	-0.40247253	-0.6332189	-0.46768638	-0.5021393	2024.9114	3566.585	2613.8174	8205.313
04-02-2022 15:50	49.9185	251.29538	255.12633	246.639	438.16263	436.15555	430.0431	19.95089	21.686996	22.152832	-0.42906007	-0.5819581	-0.42749488	-0.48136124	2108.1335	3166.4478	2040.1729	7314.754
04-02-2022 15:51	49.936287	250.92465	253.80559	246.81805	437.1385	435.1192	429.47556	20.061161	26.468662	21.374012	-0.4365427	-0.71339595	-0.39413524	-0.5334668	2156.9924	4675.738	2008.78	8841.51
04-02-2022 15:52	49.95549	251.02382	255.18942	246.95268	438.1628	436.25754	430.12665	19.93843	21.647724	21.701487	-0.42176354	-0.58212084	-0.39451054	-0.46860063	2075.815	3156.9907	2041.6058	7274.4116
04-02-2022 15:53	49.959602	251.30396	253.87082	247.18256	437.70453	435.5513	429.87515	20.653685	21.8722	22.25613	-0.37374812	-0.6199318	-0.30007663	-0.43289223	1900.092	3242.095	1598.2452	6740.432
04-02-2022 15:54	49.951004	250.87595	254.18274	245.91125	436.87827	434.99255	428.86105	20.55254	22.046265	22.73878	-0.3722788	-0.62826246	-0.26936996	-0.42485332	1898.0005	3360.9153	1489.8362	6748.7524
04-02-2022 15:55	49.925426	250.4954	254.07332	246.6024	436.53537	435.27753	429.2674	20.516808	21.563332	23.836647	-0.37231538	-0.6308285	-0.38188136	-0.4620375	1872.2395	3400.2798	2179.2625	7451.782
04-02-2022 15:56	49.947968	249.92207	253.91888	246.50641	436.20963	434.74734	428.7036	20.656908	22.260818	22.70256	-0.3706643	-0.57665944	-0.28073847	-0.41067272	1881.7075	3150.6147	1520.5857	6552.9077
04-02-2022 15:57	49.942127	249.08417	253.06892	245.73737	434.5099	433.43573	427.45615	20.645115	22.418482	22.72263	-0.37003607	-0.5811045	-0.27389422	-0.41013995	1864.8851	3189.492	1480.0898	6534.467
04-02-2022 15:58	49.960384	249.23209	253.18614	245.01775	434.58728	433.04358	426.98544	20.466496	21.596336	23.859886	-0.36555603	-0.5596493	-0.3808547	-0.43366438	1825.3997	2930.0808	2168.4521	6923.9326
04-02-2022 15:59	49.99981	250.76279	254.89905	246.46648	437.4454	435.88474	429.41504	20.03698	20.974092	22.824596	-0.3263708	-0.5242549	-0.2742671	-0.3761065	1610.5115	2790.1313	1493.5321	5894.175

Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
04-02-2022 16:00	50.047382	251.76297	255.51749	246.63693	438.5375	437.03378	430.26358	20.42224	21.430996	22.067116	-0.32642066	-0.53241116	-0.35463914	-0.40597725	1650.2565	2841.1782	1867.7913	6359.226
04-02-2022 16:01	50.10742	253.44376	258.0385	249.83687	442.58292	441.13022	434.95544	19.996456	20.97863	22.250637	-0.38600242	-0.4718309	-0.35242924	-0.4053896	1926.0151	2525.7505	1927.9039	6379.67
04-02-2022 16:02	50.144394	254.1318	259.36282	251.11961	444.08	443.26523	437.02966	20.01385	20.748516	22.789536	-0.38747117	-0.46892485	-0.31743747	-0.3900241	1937.5074	2493.942	1766.736	6198.1855
04-02-2022 16:03	50.169876	254.80237	258.8804	251.98027	445.47552	443.02847	437.68915	20.779129	25.90778	22.665384	-0.36919087	-0.64681894	-0.32202372	-0.45986933	1925.7692	4285.4717	1788.6036	7999.844
04-02-2022 16:04	50.200638	255.31088	260.2667	251.92682	446.6045	444.3655	438.4206	20.911379	21.50417	24.16787	-0.34359357	-0.47694066	-0.26795372	-0.36044034	1804.6283	2597.2583	1572.6365	5974.5225
04-02-2022 16:05	50.208202	256.31213	259.60846	251.27338	446.56036	443.90347	438.3778	20.818295	25.394379	24.199629	-0.34914958	-0.6411467	-0.42698213	-0.4826364	1836.5424	4169.15	2415.2126	8420.249
04-02-2022 16:06	50.194183	255.808	259.59866	252.58145	447.0176	444.46158	438.73938	20.954035	24.93057	22.544056	-0.34824842	-0.63445634	-0.28512353	-0.43425032	1845.7153	4056.0288	1583.7241	7485.4688
04-02-2022 16:07	50.205048	256.2838	259.61328	252.59525	446.8367	445.43002	438.81067	20.970398	24.983192	22.573578	-0.34947807	-0.6330363	-0.28472096	-0.43402204	1846.6053	4056.8372	1589.1163	7492.5586
04-02-2022 16:08	50.171394	255.87668	260.1809	252.12468	446.30624	445.02933	439.21475	19.755587	20.631445	22.521423	-0.3070476	-0.5064124	-0.26572528	-0.35894054	1521.9739	2669.8955	1726.7518	5918.621
04-02-2022 16:09	50.15422	255.25896	259.44257	251.16327	445.5286	444.03052	436.97754	19.592821	20.631226	23.676731	-0.3040865	-0.50418305	-0.3773711	-0.40023398	1502.1323	2668.9426	2211.5835	6382.658
04-02-2022 16:10	50.148384	255.44644	259.6724	251.62766	446.20667	443.76285	438.1042	19.685951	21.297491	21.18455	-0.30426574	-0.5201794	-0.38959008	-0.4055884	1500.2756	2755.6108	2022.5657	6278.452
04-02-2022 16:11	50.133877	254.8027	259.4796	251.13437	445.39383	443.49585	436.88098	19.612787	21.079601	21.562267	-0.30298567	-0.5190808	-0.41372758	-0.3985191	1484.1932	2705.7812	1927.4165	6117.3906
04-02-2022 16:12	50.08431	254.0878	256.48468	248.42696	441.56772	438.8323	434.23984	19.282516	20.592152	26.364681	-0.30560008	-0.51409924	-0.50198764	-0.44791174	1472.4132	2665.9004	3177.982	7316.295
04-02-2022 16:13	50.068615	255.05933	258.1504	248.75354	443.56543	441.69	434.50357	19.20595	20.615799	28.930843	-0.3169781	-0.50959545	-0.47155848	-0.43908057	1523.8042	2646.623	3303.7715	7474.1987
04-02-2022 16:14	50.08733	254.59215	258.15002	248.64035	442.9297	441.66373	434.15726	19.217846	20.63098	29.169651	-0.31251258	-0.5028848	-0.4635981	-0.43299618	1502.2413	2614.064	3270.3015	7386.607
04-02-2022 16:15	50.054676	254.28555	257.27734	249.35272	442.3567	441.20218	434.38373	19.23092	20.960087	30.190706	-0.32221243	-0.5081691	-0.4384287	-0.42742398	1551.57	2680.4922	3215.781	7447.843
04-02-2022 16:16	50.072292	253.87491	256.41754	248.48688	441.1995	439.91052	433.12524	19.27656	20.791302	29.966736	-0.31899276	-0.45853874	-0.40361148	-0.39681053	1532.0073	2410.5537	2921.2153	6863.7764
04-02-2022 16:17	50.07733	252.49841	256.21622	248.17062	440.7518	439.04715	431.1744	19.6181	29.321363	33.65742	-0.32077202	-0.3120576	-0.4173459	-0.35612753	1557.3468	2300.215	3401.754	7259.3154
04-02-2022 16:18	50.08348	252.33443	256.0076	247.61281	440.0416	438.7648	430.54767	19.511086	29.429705	35.16044	-0.32261464	-0.31024265	-0.3928769	-0.3467497	1560.7203	2295.025	3315.387	7171.1323
04-02-2022 16:19	50.090054	251.44904	254.5697	247.26205	438.6449	436.5181	429.56662	19.523216	28.85192	35.03468	-0.3244798	-0.29860976	-0.3940942	-0.34405318	1569.7354	2159.3633	3333.7393	7062.838
04-02-2022 16:20	50.09622	251.02142	254.98093	246.4049	437.7951	436.62888	428.79236	19.536774	28.917469	34.948784	-0.32406235	-0.3014688	-0.39312163	-0.34492603	1571.9875	2200.678	3312.0557	7084.721
04-02-2022 16:21	50.098125	251.69797	255.0454	246.73793	438.82523	436.95813	429.29053	19.51746	28.867985	34.46512	-0.31960705	-0.30065823	-0.43822378	-0.36117524	1544.4272	2181.8555	3640.2935	7366.576
04-02-2022 16:22	50.09683	250.89156	254.40218	246.11934	437.59543	435.5175	428.38763	18.920626	28.942879	34.81379	-0.36104468	-0.29782674	-0.45864198	-0.3787449	1687.7611	2164.503	3836.5396	7688.8037
04-02-2022 16:23	50.092987	249.4117	252.84273	245.06482	435.33752	433.2566	425.81137	18.959946	28.709694	34.27078	-0.3627863	-0.31151798	-0.43880412	-0.37600175	1679.4579	2248.3853	3591.677	7519.5205
04-02-2022 16:24	50.087425	246.863	250.31213	241.77559	430.28177	428.31628	421.31552	18.881615	28.642635	34.16591	-0.3600601	-0.3612197	-0.4438711	-0.39483473	1640.5161	2544.5186	3577.6	7762.635
04-02-2022 16:25	50.05664	247.64484	251.85497	243.7877	432.5898	431.23444	423.60483	19.040148	29.744095	34.7034	-0.36381084	-0.30443808	-0.33942473	-0.32915148	1691.3087	2155.8735	2798.1045	6645.287
04-02-2022 16:26	50.04543	247.49715	251.57204	243.99214	432.55347	431.05743	423.42456	19.112803	28.971045	34.49669	-0.36372742	-0.27435923	-0.34019613	-0.32204637	1688.2722	1983.6086	2791.3628	6463.244
04-02-2022 16:27	50.02777	247.30554	251.02347	244.24727	432.16415	430.81958	423.20282	19.064323	29.146526	35.36303	-0.36822125	-0.2822872	-0.3114108	-0.31401306	1703.5736	2022.9213	2638.3477	6364.843
04-02-2022 16:28	50.036785	246.5945	250.92331	243.56712	431.12064	430.0797	422.4127	18.89936	28.887383	35.306858	-0.37725678	-0.2821855	-0.3169914	-0.31826326	1726.0631	2022.1221	2671.5493	6419.7344
04-02-2022 16:29	50.054417	246.40959	250.65724	242.23035	430.40527	429.0287	421.0825	18.871452	28.877048	35.764748	-0.3833341	-0.2753606	-0.33565506	-0.32508808	1747.2544	1951.3245	2873.0688	6571.648
04-02-2022 16:30	50.068787	246.81343	250.90996	243.71642	431.19955	430.251	422.77405	18.947346	29.07692	35.458668	-0.37903067	-0.27688086	-0.31422746	-0.3156202	1735.0796	1984.7244	2658.0493	6377.8535
04-02-2022 16:31	50.090946	245.25047	249.78648	242.60603	428.8642	428.5167	420.26544	18.982796	29.020428	35.401794	-0.3774936	-0.27400964	-0.31162578	-0.31316888	1716.735	1936.5068	2610.8914	6262.789
04-02-2022 16:32	50.114788	246.19579	250.7351	242.90747	430.30008	429.2489	421.91	19.58998	30.031929	34.669487	-0.3135117	-0.25961673	-0.36030415	-0.31087625	1483.1012	1903.0126	2974.2212	6360.335
04-02-2022 16:33	50.11689	246.49486	251.2079	242.86234	430.74945	430.05756	421.9061	19.708097	29.569534	34.66597	-0.32203412	-0.25376847	-0.3657291	-0.3151619	1522.9604	1864.1257	3020.7678	6407.854
04-02-2022 16:34	50.10584	246.20251	251.03314	242.19104	430.41504	428.95776	421.37924	19.650963	29.648554	34.675625	-0.32234934	-0.25606626	-0.36214033	-0.31258833	1522.9071	1868.8223	2985.787	6377.5166
04-02-2022 16:35	50.101814	246.53215	251.20395	242.50827	430.91882	429.7658	421.47546	19.661945	29.586498	34.75318	-0.3113014	-0.25497162	-0.36354345	-0.31218565	1476.623	1904.0803	3000.4668	6381.171
04-02-2022 16:36	50.097992	247.86697	252.18335	244.52979	433.29697	431.96158	424.41095	19.735224	29.728062	35.95753	-0.315827	-0.25401264	-0.3392183	-0.30352965	1513.6974	1867.9314	2713.372	6095.001
04-02-2022 16:37	50.072556	247.98755	251.88344	243.72354	433.08823	431.39066	423.47726	19.716856	29.73125	35.427208	-0.31620342	-0.25800094	-0.3193318	-0.29474142	1505.7648	1874.0057	2698.2954	6078.066
04-02-2022 16:38	50.050594	247.92812	252.08517	244.37553	433.25546	431.82745	424.25342	19.723446	29.554865	35.415806	-0.31815466	-0.24968721	-0.31339085	-0.2917778	1504.4395	1821.2563	2658.7646	5984.4604
04-02-2022 16:39	50.042156	248.25006	252.18523	244.8197	433.6687	432.4512	424.71005	19.645807	29.460752	35.421394	-0.3199211	-0.2885372	-0.31522083	-0.30683142	1522.9368	2135.4539	2683.2483	6341.6387
04-02-2022 16:40	50.02577	248.20322	252.17038	244.99933	433.79257	432.42825	424.81516	19.066292	28.884075	35.49941	-0.38330814	-0.25942668	-0.31933707	-0.31077242	1772.0094	1839.525	2705.8157	6317.3496
04-02-2022 16:41	50.002594	248.47551	252.29579	244.71942	433.9464	432.53555	424.75552	19.067757	29.453585	35.453125	-0.38211277	-0.26752645	-0.31578773	-0.3136926	1771.5668	1941.2676	2680.7192	6393.5537
04-02-2022 16:42	49.974003	247.93567	252.24818	244.79706	433.50543	432.29736	424.55844	18.934242	28.824066	35.024155	-0.37576425	-0.25908104	-0.34449047	-0.32121533	1724.7822	1855.3196	2896.5562	6476.6577
04-02-2022 16:43	49.94867	247.28871	251.80544	243.97157	432.48184	430.97952	423.59015	18.854939	28.765995	34.68702	-0.37395868	-0.26061687	-0.41155556	-0.34895593	1701.7421	1858.0641	3412.49	6972.296
04-02-2022 16:44	49.957985	247.05176	251.35367	243.50688	431.82727	430.3166	422.9069	18.91685	28.727325	34.167217	-0.37360808	-0.26026654	-0.3886908	-0.33914593	1704.1553	1852.7606	3172.0227	6728.9385
04-02-2022 16:45	49.947083	246.64575	251.11252	242.85107	431.37836	429.61444	421.80365	18.873947	28.477934	34.136013	-0.37148395	-0.2530286	-0.38420162	-0.33437592	1691.4197	1784.5983	3121.2192	6597.2373
04-02-2022 16:46	49.9554	245.817	250.35432	242.92174	430.24606	428.82724	421.09402	18.858416	29.130508	34.029087	-0.3749662	-0.2763854	-0.39062443	-0.34570202	1702.697	1979.4133	3161.2148	6843.325

04-02-2022 16:47	49.985405	245.7997	250.66805	243.36613	430.3561	429.60968	421.48358	19.182194	29.180384	34.748146	-0.34331757	-0.2327702	-0.34004086	-0.30195665	1574.3854	1682.1001	2817.7124	6074.198
04-02-2022 16:48	49.986282	246.36644	251.53244	243.70682	431.42566	430.90213	422.191	19.121115	29.284054	34.842453	-0.34120542	-0.23335405	-0.33631006	-0.30040717	1573.2578	1696.0438	2802.9885	6072.29
04-02-2022 16:49	50.026226	248.1602	252.21461	245.79489	434.2	433.09555	425.11365	19.263195	31.977455	34.80776	-0.35682243	-0.40136075	-0.33447435	-0.36550075	1679.0516	3218.397	2808.292	7705.741
04-02-2022 16:50	50.037533	248.53407	253.24841	245.87117	435.16818	434.08383	425.7388	19.238207	29.732588	35.418106	-0.3500895	-0.23425543	-0.35906333	-0.3121475	1642.5708	1746.5236	3071.748	6458.9053
04-02-2022 16:51	50.04216	249.05565	253.41667	245.55132	435.50003	433.93073	426.20428	19.232347	29.669884	34.993977	-0.34828037	-0.23312785	-0.3378535	-0.30241433	1635.8455	1716.9154	2851.5234	6204.2847
04-02-2022 16:52	50.03978	248.0718	252.70949	245.87366	434.45724	433.19684	425.6095	19.303816	29.625744	35.10756	-0.3523253	-0.2339897	-0.33867005	-0.3030678	1646.2405	1716.4565	2859.2866	6221.9834
04-02-2022 16:53	49.997887	248.00723	253.10516	245.90729	434.4947	433.72638	425.67758	19.271477	29.86928	34.80551	-0.3502904	-0.22799578	-0.34912628	-0.30541435	1642.2307	1699.7826	2929.5674	6271.581
04-02-2022 16:54	50.013233	248.3937	253.19025	246.1943	434.87024	434.03534	426.3045	19.189075	28.767492	34.78813	-0.34928745	-0.24684143	-0.34187648	-0.30985385	1628.3898	1775.6036	3069.5283	6473.5215
04-02-2022 16:55	49.980507	248.61298	253.89084	245.53413	435.27756	434.24414	426.14667	19.175798	28.6905	34.693123	-0.34673974	-0.24675076	-0.34491193	-0.31043112	1622.4144	1769.4426	2885.9573	6277.8145
04-02-2022 16:56	50.00318	248.56047	253.73773	245.54092	435.0637	434.34488	425.91013	19.172348	28.673094	34.73751	-0.3478878	-0.24395853	-0.34214553	-0.3086094	1620.9075	1744.6503	2902.3037	6267.8613
04-02-2022 16:57	49.990467	250.36665	254.89551	247.82716	438.20444	436.9431	429.25983	19.198414	28.830893	36.111137	-0.35252	-0.23693967	-0.32092848	-0.29680493	1664.3699	1720.689	2747.8613	6132.92
04-02-2022 16:58	49.992477	251.11028	255.57208	248.55412	439.4349	438.08533	430.60672	19.323776	29.123867	35.86119	-0.35231426	-0.24473287	-0.29977107	-0.29204586	1671.1702	1794.9746	2617.3171	6083.462
04-02-2022 16:59	50.033413	252.60835	256.83615	250.4184	442.03918	440.6829	433.41348	19.363321	29.520683	34.872097	-0.35744715	-0.3201364	-0.3242063	-0.32965332	1710.8013	2386.769	2776.4053	6873.9756
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
04-02-2022 17:00	50.063904	254.82838	259.40213	251.48373	445.8729	443.88678	436.52295	19.464514	29.698257	35.13038	-0.35107198	-0.26270062	-0.32739538	-0.30965692	1706.5477	1997.7476	2834.9778	6539.2725
04-02-2022 17:01	50.097073	257.68845	262.12378	254.6303	450.89822	449.0326	441.46405	19.60332	29.984982	35.772114	-0.35512707	-0.26588893	-0.30492285	-0.30187482	1743.0348	2055.8232	2735.102	6533.96
04-02-2022 17:02	50.10973	261.60776	266.29486	258.54388	457.67603	456.04932	448.46396	19.75557	30.587158	36.32226	-0.35127574	-0.22780669	-0.31197798	-0.29059568	1783.8221	1830.0803	2863.7207	6477.623
04-02-2022 17:03	50.14666	252.51666	257.46448	250.06659	442.4092	441.08755	432.96652	19.465214	29.906836	35.59516	-0.3461605	-0.21992642	-0.3042498	-0.2834709	1680.2725	1702.9824	2651.8748	6035.1294
04-02-2022 17:04	50.16103	253.59886	258.5052	250.00618	444.2752	441.4479	434.32727	19.415407	29.476576	34.828842	-0.3408974	-0.19529207	-0.35604838	-0.29454556	1654.5779	1471.2471	3041.6196	6167.4453
04-02-2022 17:05	50.13958	253.65762	258.468	249.60039	443.6302	441.75937	433.98807	19.468506	29.54569	34.81069	-0.33964664	-0.21253134	-0.35025573	-0.29798236	1639.2902	1602.2255	2980.4934	6222.0093
04-02-2022 17:06	50.11966	254.86226	259.5151	250.51865	445.88724	443.28076	435.7042	19.50651	30.059525	34.87569	-0.3437619	-0.22380121	-0.34984168	-0.30217847	1663.5094	1721.5457	2992.4192	6377.4746
04-02-2022 17:07	50.10288	254.81834	259.90945	250.7421	446.05734	443.86868	435.9419	19.578316	31.31179	34.861374	-0.33931002	-0.17516895	-0.35417774	-0.28388453	1654.1643	1438.8348	3030.7173	6123.7163
04-02-2022 17:08	50.118977	254.97462	260.93314	251.31865	447.13766	444.7081	437.07666	19.524405	31.409542	35.73352	-0.334076	-0.16991	-0.30702314	-0.2739107	1633.6453	1436.7566	2939.5947	6009.996
04-02-2022 17:09	50.0691	254.60464	260.65643	251.1154	447.03543	444.14713	436.2703	19.38489	30.77689	35.585938	-0.31880414	-0.15323	-0.31158525	-0.25478646	1538.2363	1215.3921	2727.7136	5481.3423
04-02-2022 17:10	50.035465	254.1468	259.8115	250.21045	445.65732	443.18967	434.77557	19.313091	29.953384	36.12249	-0.32227516	-0.17862538	-0.28386554	-0.255198	1556.6338	1380.0238	2512.6956	5449.353
04-02-2022 17:11	50.02634	253.79156	258.1465	249.76573	444.31204	441.2582	433.76868	20.060528	32.61249	35.951576	-0.280653	-0.36063814	-0.28236312	-0.31118944	1396.3154	3003.0017	2471.556	6870.873
04-02-2022 17:12	50.006428	253.21718	258.90802	249.07443	443.82874	441.5708	433.08008	19.959625	29.985332	35.96153	-0.26343578	-0.18488023	-0.28412998	-0.24377513	1306.7422	1419.3182	2496.7344	5222.795
04-02-2022 17:13	49.998394	253.20029	258.83984	248.97934	443.81512	441.32974	433.02426	19.963753	29.871805	35.829533	-0.2650017	-0.18153429	-0.2853688	-0.24347982	1314.9751	1386.974	2496.6936	5198.6426
04-02-2022 17:14	50.001472	252.85378	259.0928	249.04506	443.82675	441.34506	432.95605	19.973324	30.440174	35.861717	-0.26512545	-0.20359498	-0.28382236	-0.2502575	1310.0824	1589.3269	2486.0913	5385.5005
04-02-2022 17:15	50.018887	253.26723	259.455	249.58673	444.5679	442.2138	433.62546	19.995056	30.565792	35.02792	-0.26025957	-0.20353548	-0.35543975	-0.2780721	1290.5096	1592.3052	3078.774	5961.589
04-02-2022 17:16	50.04369	253.73456	260.10944	250.03598	445.3374	443.1006	434.69232	19.995121	30.096998	35.145287	-0.25743344	-0.16377023	-0.33076146	-0.25242695	1277.9148	1284.2738	2852.8064	5414.995
04-02-2022 17:17	50.069984	253.88292	260.73196	250.24559	446.0793	443.7956	434.9597	20.03248	31.002697	35.193913	-0.2550125	-0.15301618	-0.33491716	-0.24921972	1273.5175	1222.2131	2883.3828	5379.114
04-02-2022 17:18	50.06464	253.86215	260.98355	250.97073	446.54752	444.2305	435.7126	20.089333	31.6302	35.623074	-0.25298855	-0.124654196	-0.36242545	-0.24890055	1271.0563	1010.88654	2953.7095	5235.652
04-02-2022 17:19	50.075905	253.21361	260.87195	251.14993	446.10992	443.98715	435.3881	19.506683	33.00985	36.176956	-0.31717846	-0.072512366	-0.29153302	-0.2132183	1540.655	621.016	2592.358	4754.029
04-02-2022 17:20	50.06089	253.41235	260.44684	251.15747	445.8095	443.80676	435.4835	19.488209	32.806053	36.048725	-0.31618595	-0.06779377	-0.2858987	-0.20925477	1529.156	579.40564	2547.4312	4655.9927
04-02-2022 17:21	50.036423	253.26045	260.1796	251.5471	445.723	443.7123	435.60812	19.48813	33.242275	37.140507	-0.320063	-0.077489614	-0.26749387	-0.2067001	1543.1533	665.82214	2437.9011	4646.877
04-02-2022 17:22	50.04133	253.41862	260.3395	251.58698	445.9566	444.06973	435.63766	19.495886	33.371166	37.02832	-0.316954	-0.063838795	-0.27823797	-0.20515542	1534.6455	548.3534	2560.5098	4643.509
04-02-2022 17:23	50.03163	253.74538	260.87094	251.34334	446.50143	444.23682	435.99725	19.50795	33.06254	37.08059	-0.31482464	-0.055030026	-0.26514748	-0.19740266	1539.2695	489.33887	2432.0562	4460.6646
04-02-2022 17:24	50.02929	253.48904	261.24048	251.61792	446.65027	444.86548	435.89487	19.401758	32.99527	37.07267	-0.3152701	-0.052358497	-0.26547	-0.19534984	1517.1198	455.6177	2438.0933	4410.8306
04-02-2022 17:25	49.97255	253.61063	260.63074	251.98883	446.15796	444.84622	436.19193	19.32674	32.141556	37.192883	-0.3202739	-0.07661531	-0.27821818	-0.2055162	1545.6118	620.81573	2423.6523	4590.08
04-02-2022 17:26	50.033646	254.55772	261.0466	251.74823	447.45065	444.9377	436.75504	19.348696	31.972446	35.629753	-0.3173264	-0.07047652	-0.32567224	-0.22761813	1537.4742	583.33075	2872.4097	4993.215
04-02-2022 17:27	50.033604	254.23161	260.9078	251.47784	446.8068	444.78003	436.2835	19.372093	32.373264	35.595776	-0.31791136	-0.08557259	-0.3303337	-0.23461318	1537.9514	715.68085	2911.0151	5164.6475
04-02-2022 17:28	50.02081	254.15733	260.6828	251.67389	446.89273	444.58932	436.20642	19.361343	32.721527	35.736263	-0.31721327	-0.09340517	-0.32981816	-0.23706645	1533.1312	785.2058	2917.0024	5235.3394
04-02-2022 17:29	50.017406	254.47163	260.7288	251.779	447.0381	444.98352	436.4697	19.387148	32.600636	36.159058	-0.3189167	-0.088409305	-0.34532455	-0.24224782	1540.4011	741.07794	3079.509	5360.9883
04-02-2022 17:30	50.042614	254.28209	260.39227	252.21715	446.75232	444.93048	436.65018	19.166018	32.00574	36.586357	-0.3190271	-0.06905235	-0.2810652	-0.21003202	1530.6311	577.0913	2553.904	4661.6265
04-02-2022 17:31	50.081287	254.25014	260.88248	252.30402	447.17862	445.18582	436.91943	19.247244	32.42736	36.654648	-0.31760922	-0.077664524	-0.2823083	-0.213101	1528.1469	651.539	2573.9727	4753.658
04-02-2022 17:32	50.065674	254.27254	260.69302	252.2689	447.11508	444.91666	436.90002	19.16464	32.23477	36.763187	-0.31616858	-0.07717975	-0.2870662	-0.21459496	1516.8688	643.40753	2607.3728	4767.649
04-02-2022 17:33	50.04694	253.73096	260.94058	251.27159	446.4589	444.36536	435.88367	19.253443	33.028435	36.55536	-0.31323132	-0.052014478	-0.28315848	-0.20137797	1503.9153	444.62552	2561.2734	4509.8145
04-02-2022 17:34	50.046844	254.04724	260.69934	252.232	447.01596	444.82794	436.64575	19.242659	33.171467	36.582516	-0.3160072	-0.05891638	-0.27853757	-0.20269044	1517.1703	505.4909	2532.1353	4554.796
04-02-2022 17:35	50.049988	254.35913	260.95035	252.36154	447.63965	445.123	436.92657	19.220592	32.927975	36.560543	-0.31577432	-0.053137336	-0.27911592	-0.20095648	1519.4436	454.15228	2538.6816	4512.2773
04-02-2022 17:36	50.028065	255.09528	262.27792	253.01076	449.29535	446.617	438.4843	18.969591	33.49694	36.131866	-0.30853269	-0.07163098	-0.35879627	-0.23679133	1465.885	623.5638	3225.814	5315.2627
04-02-2022 17:37	50.029915	255.40233	262.59525	253.35118	449.58563	447.40414	439.07776	19.27299	33.17367	35.82328	-0.29508704	-0.0577776	-0.3291037	-0.21707933	1427.0645	502.00214	2937.3118	4866.378
04-02-2022 17:38	49.991577	254.9678	262.2647	252.83617	448.87787	446.73813	438.23636	19.260218	33.188347	35.749725	-0.29604492	-0.06017188	-0.3296699	-0.21660976	1421.8298	492.3968	2924.182	4838.4087
04-02-2022 17:39	49.991875	254.8196	262.18597	252.95331	448.75333	446.6049	438.3027	19.255808	33.201107	35.794147	-0.29462677	-0.061482698	-0.32868707	-0.21766695	1413.9409	512.96405	2940.7148	4867.6196
04-02-2022 17:40	50.002502	254.72894	261.9452	251.80203	448.11917	445.80716	437.17224	19.21314	33.068443	35.712402	-0.2955942	-0.05892429	-0.3232576	-0.21512686	1428.9983	513.0958	2865.679	4807.773
04-02-2022 17:41	50.015617	255.29321	262.38806	252.19325	448.9594	446.53992	438.021	19.189566	32.197983	36.620354	-0.29858232	-0.07814652	-0.2808846	-0.20833538	1439.0535	656.5657	2552.037	4647.6562
04-02-2022 17:42	50.026386	255.61403	262.65512	252.58792	449.5056	447.0781	438.63733	19.259747	32.329285	36.79583	-0.29751593	-0.08047198	-0.27744827	-0.2065746	1443.6958	647.45557	2537.4058	4628.557
04-02-2022 17:43	50.02622	255.12796	262.24753	252.9816	449.0449	447.0377	438.26678	19.209253	32.687183	37.06043	-0.29869848	-0.0917661	-0.30525145	-0.2233864	1439.1531	779.5383	2816.0532	5034.7446
04-02-2022 17:44	50.03452	253.32765	260.33017	251.25577	445.94476	443.83875	435.1357	19.159115	31.97483	37.03723	-0.29967314	-0.06973884	-0.2629479	-0.19793408	1430.9962	570.45166	2390.764	4392.212
04-02-2022 17:45	50.06413	253.39731	260.24384	251.14075	445.77316	443.79114	435.12607	19.163654	32.135044	36.99247	-0.29837748	-0.074126184	-0.26574826	-0.20188105	1427.135	620.67084	2441.9114	4489.7173
04-02-2022 17:46	50.08858	253.87404	260.34412	251.3861	446.2956	444.17502	435.64078	19.213482	32.141735	37.10508	-0.30061954	-0.073932305	-0.26345274	-0.20087606	1446.1621	614.7147	2423.5527	4484.4297
04-02-2022 17:47	50.075317	253.49603	260.23755	251.0883	445.54865	443.7199	435.49075	19.051155	31.898195	36.51111	-0.2954443	-0.08927754	-0.3296644	-0.23228592	1408.15	737.32227	2979.3013	5124.7734
04-02-2022 17:48	50.0689	253.96405	260.35333	251.64928	446.22736	444.10345	436.40747	19.16515	32.071747	36.132156	-0.29685637	-0.08989534	-0.30489647	-0.22214487	1423.0516	746.6059	2727.333	4896.9907
04-02-2022 17:49	50.048786	253.47069	260.02185	250.99818	445.6391	443.30804	435.2379	19.175385	32.94426	36.126213	-0.2834445	-0.06937853	-0.30547616	-0.21027452	1353.4874	590.1867	2724.7622	4668.4365
04-02-2022 17:50	50.034843	253.10109	259.53345	250.5619	445.02942	442.2706	434.64307	19.1261	33.306774	35.960564	-0.28415334	-0.08547197	-0.31498694	-0.21986407	1354.6257	731.2959	2792.7197	4878.6416
04-02-2022 17:51	50.027313	252.73233	258.95535	249.64772	443.85648	441.40854	433.45508	19.653908	32.77545	36.76011	-0.22347751	-0.065609634	-0.25921398	-0.17852001	1094.5172	552.1733	2345.2156	3991.9062
04-02-2022 17:52	50.014233	252.82906	258.718	249.82986	443.8698	441.4121	433.50516	19.684097	32.675323	36.791443	-0.22559747	-0.06688016	-0.26086345	-0.18023916	1097.5085	559.9392	2368.1436	4029.0916
04-02-2022 17:53	50.008133	252.39331	259.18967	249.80936	443.70325	441.5859	433.5326	19.712345	32.725685	35.85302	-0.22058773	-0.07048477	-0.28885442	-0.19026136	1076.5095	587.91406	2550.4355	4214.859
04-02-2022 17:54	49.992607	251.96367	258.82596	249.31119	443.1454	440.68472	432.75677	19.597162	32.59629	36.056877	-0.22033054	-0.06897469	-0.30345973	-0.19617654	1071.8158	578.8657	2687.2532	4337.9346
04-02-2022 17:55	50.019913	252.29276	259.03857	249.59216	443.6318	441.17813	433.20087	19.697994	32.677635	35.722755	-0.21867682	-0.0698624	-0.28979516	-0.19026774	1070.0898	588.0041	2545.956	4204.05
04-02-2022 17:56	50.01422	252.2278	258.9617	249.73877	443.59097	441.27798	433.14832	19.6438	31.967388	35.790718	-0.22028051	-0.09281215	-0.28512296	-0.19849105	1074.6542	762.9834	2509.3958	4347.033
04-02-2022 17:57	49.99142	252.79945	259.53876	250.2425	444.59753	442.20026	434.08212	19.57549	32.509842	36.128677	-0.22395487	-0.11368614	-0.3133057	-0.21824673	1090.0881	895.2353	2531.4707	4516.794
04-02-2022 17:58	50.047	253.24344	260.11658	250.13585	445.27426	442.61945	434.57687	19.608812	32.09273	34.668472	-0.21383472	-0.09797154	-0.36074066	-0.22737612	1045.0023	811.9801	3080.0151	4936.9976
04-02-2022 17:59	50.048317	253.70142	260.65546	251.14948	446.3793	443.75574	435.81482	18.874924	32.166237	34.53506	-0.27991205	-0.096703954	-0.36054873	-0.2411951	1326.8488	795.4529	3080.1934	5202.495
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
04-02-2022 18:00	50.084713	254.41098	261.89615	251.39854	448.09637	444.71756	436.95474	18.552517	32.106243	34.685448	-0.3065967	-0.08998547	-0.35852775	-0.24241927	1424.5315	741.48206	3064.277	5230.2905
04-02-2022 18:01	50.15279	255.39026	262.72397	252.71164	449.9804	446.8289	438.36008	18.615564	32.318283	35.060337	-0.30622515	-0.09267704	-0.3671059	-0.24414834	1431.5575	769.2706	3136.6455	5337.4736
04-02-2022 18:02	50.179462	257.04926	264.4513	254.42241	452.09576	450.01822	441.88055	18.743145	32.52091	35.915646	-0.30936578	-0.091659114	-0.31159702	-0.22675233	1459.8887	782.1599	2801.9705	5044.019
04-02-2022 18:03	50.18563	257.10995	265.39035	255.25455	453.33066	450.82245	443.01636	20.018175	32.57727	36.011703	-0.4627661	-0.09344049	-0.31166673	-0.26217747	2302.3635	800.80286	2816.3608	5919.527
04-02-2022 18:04	50.199505	257.72314	265.89664	255.28308	454.19128	451.88153	443.09235	21.789331	33.851818	36.160374	-0.42178255	-0.08880762	-0.31604853	-0.25271082	2298.5063	759.3401	2865.3298	5923.1763
04-02-2022 18:05	50.156094	257.32812	265.2856	254.90677	453.00644	450.55414	443.20047	21.805534	33.25318	36.10402	-0.41462067	-0.05439123	-0.31133518	-0.23974158	2266.9858	477.02148	2821.6335	5565.6406
04-02-2022 18:06	50.12825	257.40643	265.19907	254.7187	453.26495	450.23856	442.9204	21.835457	33.350456	36.036064	-0.41411018	-0.057786897	-0.3124923	-0.24086617	2268.8313	525.6477	2814.5388	5609.018
04-02-2022 18:07	50.09187	257.29306	264.82056	254.70963	453.13556	449.99243	442.42792	21.836424	33.451973	35.964054	-0.41402146	-0.056597784	-0.3128774	-0.23990634	2267.3796	498.8898	2817.9773	5584.247
04-02-2022 18:08	50.06524	257.19003	264.6253	254.62627	452.4498	450.03473	442.40765	21.787312	33.221203	36.258045	-0.4135784	-0.05597291	-0.34216136	-0.2513917	2252.9712	489.55582	3102.641	5847.7305
04-02-2022 18:09	50.06471	256.5397	265.03003	253.61256	452.15253	449.35413	441.2173	21.796846	33.116795	34.995228	-0.40717855	-0.05511708	-0.36209223	-0.25578222	2211.131	480.47208	3157.7744	5849.3774
04-02-2022 18:10	50.05296	256.71097	264.67764	253.90704	452.18652	449.29062	441.43823	21.748257	33.08115	35.31607	-0.409825	-0.051785786	-0.3717195	-0.25993398	2217.5356	461.82434	3281.4385	5960.7983
04-02-2022 18:11	50.01691	251.04811	258.30466	248.3053	441.70438	439.09018	431.56482	21.53063	32.18571	34.93301	-0.40103012	-0.092181586	-0.3715663	-0.2743597	2125.2224	764.62195	3165.0613	6054.9062

04-02-2022 18:12	49.96911	250.47092	257.69763	247.59096	440.67538	438.00192	430.39493	21.420406	31.964783	34.769684	-0.4066549	-0.088799156	-0.3766302	-0.2763277	2128.4072	725.2459	3191.3345	6044.988
04-02-2022 18:13	49.988613	250.50552	257.97208	247.93353	440.90735	438.56107	430.73236	21.494232	32.05295	35.57284	-0.40723315	-0.059720248	-0.33304045	-0.2485148	2135.9897	474.35104	2893.4565	5503.797
04-02-2022 18:14	49.97844	250.59187	257.8677	247.12611	440.51132	438.19763	430.0645	21.453823	32.076153	35.612976	-0.40728363	-0.06193167	-0.32688674	-0.24755427	2131.5925	509.0758	2840.8281	5481.4966
04-02-2022 18:15	50.03873	251.02922	258.35745	248.17664	441.66666	439.2642	431.2665	21.538563	32.144516	37.044376	-0.40675208	-0.059057504	-0.32291943	-0.24613313	2154.7888	473.83356	2707.0579	5335.6797
04-02-2022 18:16	50.08617	251.1394	258.87198	249.29579	442.0658	440.18723	432.95633	21.685051	32.200512	36.88236	-0.40558475	-0.056980174	-0.3000012	-0.23576567	2152.8506	472.50342	2716.2368	5341.591
04-02-2022 18:17	50.088688	250.98581	258.95764	249.12277	442.21356	440.26904	432.3161	21.645868	32.31373	37.00397	-0.40505573	-0.05922465	-0.3142597	-0.24089704	2145.7534	477.16333	2842.0215	5464.9375
04-02-2022 18:18	50.085083	250.70917	258.65103	248.30522	441.37268	439.1337	431.8639	21.657198	32.604298	36.977898	-0.40357375	-0.071429454	-0.31068262	-0.24438393	2141.133	674.28735	2811.3052	5626.7256
04-02-2022 18:19	50.06609	250.632	258.31946	248.67264	441.36118	439.1	431.83527	21.65531	33.390797	35.921585	-0.3981278	-0.04991123	-0.34965575	-0.24777462	2109.5115	426.71503	3071.5376	5607.7637
04-02-2022 18:20	50.066765	250.9881	258.75952	247.86961	441.62286	439.1001	431.56894	21.502861	32.8262	35.821926	-0.39782214	-0.03325924	-0.34307173	-0.23966399	2103.434	280.94867	3010.141	5394.524
04-02-2022 18:21	50.071472	250.10352	258.51526	248.00145	440.86075	438.5056	431.19498	21.638784	33.076485	35.82147	-0.39581278	-0.04041689	-0.3439756	-0.24182591	2090.6558	342.5938	3010.0757	5443.325
04-02-2022 18:22	50.075443	249.9132	258.31735	247.81676	440.32367	438.25314	430.9898	21.598665	32.867542	36.224766	-0.39266208	-0.03676214	-0.34788248	-0.24156202	2074.9993	310.2636	3042.9214	5428.184
04-02-2022 18:23	50.035248	249.63599	257.97226	247.80495	440.19293	437.75723	430.51913	21.640787	32.781788	35.4904	-0.3933109	-0.028731469	-0.33111006	-0.23228669	2076.1821	241.25772	2873.104	5190.544
04-02-2022 18:24	50.028515	249.39719	257.62393	247.7558	439.57742	437.54977	430.2381	21.687798	32.73867	36.345085	-0.39673713	-0.024473118	-0.28317043	-0.21419248	2095.9297	218.76067	2512.944	4827.6343
04-02-2022 18:25	50.02154	249.05049	257.16165	247.89029	438.9303	437.2171	430.04498	21.677782	33.33948	36.83617	-0.40051013	-0.04795026	-0.26790404	-0.21668711	2110.5647	406.45837	2407.5906	4924.614
04-02-2022 18:26	49.977486	248.4098	256.75793	247.33368	438.04977	436.38086	428.99094	21.623318	33.146084	36.689262	-0.39949146	-0.047196086	-0.27524263	-0.21911772	2096.8162	397.66797	2461.171	4955.655
04-02-2022 18:27	49.990322	247.77408	255.91043	245.90802	436.35553	434.665	427.36377	21.519224	31.839931	36.662933	-0.39801022	-0.054485187	-0.27074456	-0.22177948	2075.418	436.51645	2402.715	4914.6494
04-02-2022 18:28	49.987293	246.6878	255.3026	246.24535	435.19968	434.50992	426.32596	21.553398	31.917	36.645397	-0.3982271	-0.05671537	-0.27045864	-0.22252356	2053.693	458.87994	2410.5928	4929.6035
04-02-2022 18:29	50.031303	246.12439	254.56238	245.19426	433.93225	433.06555	424.9602	21.438023	31.682037	37.034904	-0.3931949	-0.05037226	-0.29192615	-0.22802429	2025.4796	396.85977	2609.6362	5031.9756
04-02-2022 18:30	50.055904	246.02614	254.73856	245.02728	434.07294	432.8617	424.87094	21.424461	31.63251	35.656162	-0.38667542	-0.06583417	-0.3181378	-0.2417873	1997.5641	523.3817	2737.7244	5258.67
04-02-2022 18:31	50.06936	245.66661	254.17705	244.61644	433.1095	431.97266	424.41153	22.085758	31.56438	35.6353	-0.33286485	-0.0657631	-0.31521216	-0.2297512	1772.2859	547.047	2709.4358	5028.7686
04-02-2022 18:32	50.087685	245.54224	254.60938	244.30978	433.39948	431.88217	424.21854	22.0808	32.177147	35.68914	-0.3335149	-0.083429046	-0.310349	-0.23468249	1786.9886	709.69543	2672.9836	5169.668
04-02-2022 18:33	50.071148	245.26364	254.49588	242.20566	432.59796	430.2709	422.31915	21.793425	31.987724	36.021027	-0.32382667	-0.08673803	-0.4993247	-0.31356886	1693.3691	700.6189	4509.625	6903.6133
04-02-2022 18:34	50.06479	244.78796	253.92442	244.12509	432.45123	430.89142	423.342	22.023735	31.41492	36.463287	-0.33459356	-0.062152732	-0.26686847	-0.2094286	1780.5725	509.48	2346.3264	4636.379
04-02-2022 18:35	50.038868	244.65662	254.00354	243.79669	432.10498	430.85944	423.06335	22.087765	32.329346	36.36283	-0.33197222	-0.046645578	-0.2724663	-0.20353074	1764.9277	376.58972	2382.3506	4523.8677
04-02-2022 18:36	50.024895	243.5121	254.47083	243.7762	431.65305	430.0876	423.0569	23.17191	33.362053	28.920471	-0.2690546	-0.023538446	-0.16323769	-0.13300811	1489.002	175.6036	1121.7179	2786.3235
04-02-2022 18:37	50.023083	243.68118	253.5433	243.02428	430.34436	429.15445	422.67825	23.061735	24.074728	22.97125	-0.23468533	-0.049887013	-0.14078303	-0.13854814	1293.7917	298.61774	778.01086	2370.4204
04-02-2022 18:38	49.98191	243.36082	253.07011	242.55586	429.74707	428.3322	421.91397	22.220978	24.26514	22.61564	-0.28094286	-0.056312576	-0.15586808	-0.15932393	1495.1182	342.6094	849.00073	2686.7283
04-02-2022 18:39	49.975334	242.64362	252.52599	241.99342	428.93185	427.27847	420.62955	22.317997	24.113403	22.442703	-0.2854438	-0.052737594	-0.15698181	-0.16012508	1518.9916	318.96878	842.6249	2680.5854
04-02-2022 18:40	50.007103	242.89755	252.62337	242.05672	429.25705	427.5347	420.7702	22.34416	24.686605	22.783958	-0.2890221	-0.07627105	-0.14340422	-0.16485001	1541.769	469.76996	781.09076	2792.6296
04-02-2022 18:41	49.97062	242.85687	252.75499	241.60013	429.0032	427.37	420.55414	22.186172	24.21236	21.787987	-0.28672022	-0.06167533	-0.2116938	-0.1806772	1526.7751	364.52045	1104.8867	2991.4636
04-02-2022 18:42	49.976677	242.66391	252.43343	241.52411	428.53375	427.0749	420.2947	22.202305	23.40226	21.711874	-0.28700843	-0.09170402	-0.20559043	-0.19110791	1517.5527	523.2949	1082.0613	3122.909
04-02-2022 18:43	49.97043	242.545	252.66782	241.55945	428.6256	427.3211	420.22052	22.076206	23.184072	22.076466	-0.28777757	-0.082369775	-0.25139293	-0.2029672	1515.8607	479.29163	1323.7488	3318.9011
04-02-2022 18:44	50.00004	241.87105	252.53958	241.50099	428.22235	426.9407	419.51657	22.144428	23.407864	21.657768	-0.28714025	-0.087162636	-0.21383041	-0.19203919	1512.9817	510.0783	1105.2987	3128.359
04-02-2022 18:45	50.02965	242.22098	252.73335	241.47014	428.4322	427.22784	419.9059	22.13295	23.238007	22.762812	-0.28977743	-0.077305995	-0.13643098	-0.16453485	1532.762	451.6319	742.0686	2726.4624
04-02-2022 18:46	50.013252	241.90588	252.14558	241.09827	427.74106	426.382	419.2349	22.057793	22.288185	21.743633	-0.28777587	-0.12498885	-0.17868736	-0.19586577	1517.3462	700.0848	927.8489	3145.2798
04-02-2022 18:47	50.039745	241.79845	252.53384	241.91656	428.26498	427.18027	419.81512	22.193012	23.735775	22.080791	-0.28731662	-0.08252766	-0.21804176	-0.19152172	1513.4254	477.9277	1170.3041	3161.6572
04-02-2022 18:48	50.03421	241.68439	252.12541	241.42188	427.52444	426.48615	419.48233	23.754467	23.293837	21.806211	-0.20077229	-0.06733423	-0.17363241	-0.14477277	1137.1461	388.34442	904.36304	2429.8535
04-02-2022 18:49	50.00948	241.29675	252.39322	240.91286	427.1716	426.26556	418.9652	23.676865	23.056206	21.753632	-0.1999452	-0.098410405	-0.18565351	-0.16017963	1131.3632	571.7555	963.48236	2666.2886
04-02-2022 18:50	49.980373	241.21715	251.91681	240.56158	426.5545	425.8004	418.47812	23.597065	23.633183	21.83999	-0.19729158	-0.063922934	-0.19201529	-0.14775205	1113.0414	371.47232	984.05615	2468.5698
04-02-2022 18:51	49.99238	241.52263	252.23987	239.80963	427.03046	425.4371	418.15643	23.620623	23.80934	20.256538	-0.19601986	-0.079959735	-0.30952966	-0.18705444	1100.7512	478.7405	1492.9756	3072.4673
04-02-2022 18:52	49.98015	241.18896	251.96716	240.30113	426.4796	425.58307	418.35516	23.961224	23.80224	20.407726	-0.18103445	-0.07576547	-0.28452042	-0.17346714	1035.1748	451.1034	1379.4917	2865.77
04-02-2022 18:53	50.007545	241.72844	252.0404	239.69211	427.00787	425.2406	418.48068	23.874044	23.539787	20.343658	-0.18707183	-0.06863776	-0.28728068	-0.17397521	1067.4299	405.45016	1388.1858	2861.0657
04-02-2022 18:54	50.000813	241.07454	251.5917	239.71617	426.17853	424.7992	417.585	23.82302	24.22857	20.405857	-0.18559863	-0.09991432	-0.28400484	-0.18322048	1054.9398	601.5905	1375.367	3031.8972
04-02-2022 18:55	50.010273	241.18188	251.74225	240.02524	426.27722	425.0783	418.1795	23.9155	23.648697	21.230854	-0.18498826	-0.06999835	-0.20240223	-0.14941281	1067.5651	426.0529	1025.5042	2519.122
04-02-2022 18:56	50.041313	241.45033	251.716	240.08392	426.57306	425.33133	418.161	23.94435	23.84181	21.250067	-0.1876425	-0.078122325	-0.20212618	-0.15302108	1080.1235	471.2292	1024.8666	2576.2192
04-02-2022 18:57	50.029716	241.37935	251.70409	239.89146	426.55453	424.9056	418.12317	23.870916	23.662651	21.531229	-0.18777376	-0.07395803	-0.24017535	-0.15079015	1080.029	424.9342	1019.2816	2524.2449
04-02-2022 18:58	50.042503	241.87083	250.98831	240.65793	426.51447	424.86182	419.13547	23.9282	22.95523	21.160427	-0.19177876	-0.09967954	-0.20296298	-0.16226475	1088.806	566.36206	1027.0242	2682.1924
04-02-2022 18:59	50.02564	241.6546	251.06804	240.83679	426.53323	425.0567	418.99863	23.913553	23.061535	21.278046	-0.19090217	-0.10346196	-0.20404744	-0.16348334	1095.4281	574.9987	1031.8362	2702.263

Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
04-02-2022 19:00	49.993263	241.88855	251.18248	240.25671	426.40616	425.04507	418.73856	23.847162	22.903015	21.229961	-0.18972954	-0.104621395	-0.20178787	-0.16386122	1083.2416	599.4964	1020.25757	2702.9956
04-02-2022 19:01	49.972225	241.86816	251.31892	240.56548	426.55545	425.45865	418.91357	23.833754	23.495403	21.186296	-0.19174317	-0.12243135	-0.24554488	-0.18398193	1092.4303	714.2357	1259.6256	3066.2915
04-02-2022 19:02	49.98125	242.57056	252.01843	240.38899	427.4543	426.05548	419.53864	23.825808	23.049683	20.397991	-0.18653116	-0.11062265	-0.2881829	-0.18986672	1066.4802	638.941	1397.5116	3102.9326
04-02-2022 19:03	49.993816	242.64667	251.68633	240.41588	427.30347	425.7943	419.55307	23.821041	22.956375	20.380354	-0.18733232	-0.10351703	-0.27406538	-0.18358977	1069.6047	593.01685	1328.3226	2990.9443
04-02-2022 19:04	50.029846	242.5382	252.16547	240.55412	427.57693	426.26898	419.68674	23.861046	23.064001	20.829744	-0.18751648	-0.10827023	-0.31886128	-0.19927287	1074.1644	625.15125	1580.5775	3279.893
04-02-2022 19:05	50.02748	242.98851	252.20276	241.14915	428.0671	426.9338	420.4082	23.99822	22.961742	20.87957	-0.18758963	-0.1044286	-0.24366736	-0.17545952	1080.5604	602.9174	1215.4255	2898.9033
04-02-2022 19:06	50.04409	243.32965	252.40933	241.64792	428.63196	427.4062	421.18048	24.035568	23.861933	21.874659	-0.19077434	-0.07744758	-0.17196754	-0.14520931	1105.8882	463.0908	900.4713	2469.4502
04-02-2022 19:07	50.03841	243.26515	252.4632	241.70116	428.5505	427.7332	421.01328	23.971508	23.840221	21.813604	-0.18947683	-0.07527656	-0.17757514	-0.14569648	1095.9456	450.24194	926.6631	2472.8506
04-02-2022 19:08	50.043144	243.50816	252.168	241.86862	428.67764	427.4785	421.33786	24.037302	24.446064	23.111263	-0.1917969	-0.098934226	-0.17417738	-0.15366472	1110.2163	603.99426	962.922	2677.1326
04-02-2022 19:09	50.03855	243.8393	252.49812	242.14001	429.26477	428.0637	421.78336	24.915812	24.00037	23.012836	-0.1492844	-0.06955522	-0.15063383	-0.122359894	896.9453	427.73596	835.21356	2161.4575
04-02-2022 19:10	50.037907	243.87183	252.58597	242.11838	429.37823	427.9557	421.94556	24.903694	24.193329	22.881357	-0.14898364	-0.077599466	-0.13425252	-0.11972881	900.85425	475.305	731.6644	2107.8237
04-02-2022 19:11	50.03818	243.92682	252.46014	241.71948	429.1405	427.69803	421.628	24.807665	23.969748	23.063726	-0.14420205	-0.07628508	-0.18137309	-0.1324003	860.55414	458.87988	999.74805	2319.1821
04-02-2022 19:12	50.03518	243.73083	252.2462	241.47656	428.69907	427.4558	421.18198	24.84111	23.95876	22.781109	-0.14327548	-0.10051636	-0.13870734	-0.12809858	858.69226	617.2761	762.3449	2238.3132
04-02-2022 19:13	50.04892	244.00453	252.71704	240.82991	428.94147	427.55508	421.00848	24.798986	23.068562	21.882048	-0.14151949	-0.12333825	-0.20559151	-0.15485294	841.75464	716.5048	1074.4221	2632.6816
04-02-2022 19:14	50.03941	244.17513	252.5729	241.2448	429.44885	427.25778	421.56287	24.83619	23.198719	21.856491	-0.14030235	-0.12734005	-0.20130244	-0.15497038	848.16846	740.5301	1050.7174	2639.416
04-02-2022 19:15	50.014004	244.0928	252.32376	241.85913	429.33884	427.6365	421.7858	24.872171	23.617634	22.122232	-0.14378873	-0.14278321	-0.24449906	-0.17445001	861.8973	841.90497	1293.2246	2997.0269
04-02-2022 19:16	49.998528	248.76012	256.79025	246.2417	437.20938	435.37894	429.584	25.059566	23.747053	23.10792	-0.15048651	-0.13450424	-0.13886414	-0.14140569	928.7052	813.1516	782.29645	2524.1533
04-02-2022 19:17	49.95723	250.83324	259.19482	248.58923	441.3263	439.4109	433.26276	24.354494	23.707214	23.251217	-0.19878154	-0.13079685	-0.12843165	-0.15301895	1189.2313	809.59357	736.6503	2735.475
04-02-2022 19:18	49.925304	251.02373	259.29187	248.64488	441.70312	439.47794	433.4154	24.274734	23.552021	23.164978	-0.1957002	-0.122743644	-0.12882315	-0.15133634	1187.956	761.6494	735.1496	2684.755
04-02-2022 19:19	49.91193	250.99619	259.539	248.90138	441.5649	439.9392	433.90863	24.30477	23.677702	23.203041	-0.19542196	-0.12876788	-0.12853873	-0.15121065	1166.6958	762.9679	741.2006	2670.8643
04-02-2022 19:20	49.925396	251.1146	259.4701	248.86664	441.969	439.84003	433.6387	24.299622	23.531256	23.163368	-0.19562222	-0.121984795	-0.13483877	-0.15094653	1181.5206	731.37115	773.9338	2686.8257
04-02-2022 19:21	49.953598	251.016	259.97833	249.0221	442.19376	440.0717	434.152	24.347544	24.359701	23.287413	-0.19233678	-0.091602035	-0.1317441	-0.13797653	1158.3624	575.39984	730.34106	2464.1033
04-02-2022 19:22	50.023594	251.39139	260.49304	249.67159	442.93857	441.18185	434.96533	24.461483	24.92756	23.322231	-0.1913831	-0.10977592	-0.12982517	-0.14322665	1159.5922	726.96375	1004.7855	2891.3413
04-02-2022 19:23	50.04177	251.70113	260.9913	249.0912	443.41354	441.09753	434.9686	24.437239	24.763586	22.306225	-0.18896334	-0.106963366	-0.20381661	-0.16645603	1144.1989	738.7714	1118.4128	3001.383
04-02-2022 19:24	50.05218	252.07661	261.16956	249.68683	443.86475	441.9393	435.6672	24.499369	24.64251	22.291855	-0.19153304	-0.10258262	-0.19939123	-0.16231836	1170.1364	657.0135	1097.7723	2924.922
04-02-2022 19:25	50.053337	251.97664	261.13354	249.71423	443.88345	441.89923	435.50385	24.432278	24.347755	22.536592	-0.18989082	-0.091181435	-0.24640319	-0.17262158	1168.5682	583.4619	1119.2517	2871.2817
04-02-2022 19:26	50.082436	252.48557	261.76233	250.13329	444.75436	442.5245	436.6932	24.58602	24.777885	22.395304	-0.18929029	-0.06625693	-0.20120399	-0.14960381	1166.3477	432.53613	1116.625	2715.509
04-02-2022 19:27	50.075394	252.30492	261.55505	250.68677	444.69983	443.0184	436.5507	24.626627	24.84159	23.527163	-0.19548674	-0.061945364	-0.12951292	-0.12779532	1200.3365	400.42233	755.57184	2356.3306
04-02-2022 19:28	50.08219	252.69397	261.514	250.71663	444.94543	442.8628	437.10776	24.694386	24.270508	23.492231	-0.19514228	-0.10167216	-0.1307565	-0.14241736	1202.4724	641.1022	762.17017	2605.7446
04-02-2022 19:29	50.058136	252.40735	261.49127	250.90373	444.97507	442.83868	436.8935	24.584324	24.62301	23.68931	-0.19705969	-0.0982195	-0.16757977	-0.15336062	1217.0494	609.97675	732.412	2559.4382
04-02-2022 19:30	50.04915	252.76085	261.76764	250.92265	445.2062	443.5416	437.08826	24.618027	24.751457	23.966717	-0.19835192	-0.0968535	-0.1005097	-0.1317429	1219.8181	575.517	597.6517	2390.393
04-02-2022 19:31	50.03571	252.69635	261.77185	250.98445	445.3759	443.36847	437.09427	24.646305	24.2807	24.061792	-0.19722393	-0.07894116	-0.09325121	-0.123020686	1214.4319	499.53732	557.5188	2271.4878
04-02-2022 19:32	50.012444	252.3298	261.90622	250.27736	444.90244	442.83868	436.46817	24.561523	24.239912	23.57904	-0.19427878	-0.0761015	-0.1365732	-0.13510941	1189.9197	478.38132	795.74414	2464.0452
04-02-2022 19:33	50.000896	252.18672	261.49432	250.41614	444.6249	442.62314	436.24304	24.542686	24.20493	23.531727	-0.19481869	-0.07783259	-0.13949679	-0.13568716	1194.8638	461.9419	813.8616	2470.6672
04-02-2022 19:34	50.02893	252.6387	262.00064	250.53558	445.24194	443.22766	436.88608	24.511566	23.963448	22.47009	-0.19238207	-0.071272776	-0.20653939	-0.15462556	1178.9998	445.10712	1150.425	2774.5317
04-02-2022 19:35	49.995823	252.18976	261.81558	250.4745	444.6817	442.8582	436.60663	24.503838	24.093067	22.246283	-0.19338657	-0.07386373	-0.21044971	-0.15692994	1181.0745	461.71167	1166.218	2809.0042
04-02-2022 19:36	50.037624	252.49892	262.3131	251.26776	445.5528	443.60294	437.75342	24.594208	25.516851	22.650797	-0.19159885	-0.07228982	-0.23312107	-0.16096231	1177.7175	471.0196	1310.1648	2958.9019
04-02-2022 19:37	50.02508	252.48602	262.37708	251.36877	445.53763	443.82138	437.81427	24.627125	25.401087	22.367569	-0.19364424	-0.06269022	-0.19113792	-0.14567283	1184.2805	401.53284	1073.0565	2658.8699

04-02-2022 19:38	50.03531	252.74019	262.3237	251.54498	445.75336	444.0888	437.98883	24.692959	25.028969	23.550678	-0.19455886	-0.042236395	-0.11971661	-0.1173485	1200.4692	275.7013	702.4746	2178.6453
04-02-2022 19:39	50.022957	253.13972	262.57065	251.52042	446.1028	444.689	438.1234	24.679161	25.045088	23.526127	-0.19368476	-0.044487447	-0.11859513	-0.117543176	1196.8856	290.92468	694.4271	2182.2375
04-02-2022 19:40	50.040436	253.1298	262.9557	251.40623	446.45938	444.8283	438.08206	24.663536	25.178951	22.360422	-0.19182509	-0.051590662	-0.16500713	-0.13330841	1183.1871	339.05273	916.7554	2438.995
04-02-2022 19:41	50.019142	253.49107	262.97876	251.33252	446.68323	444.77142	438.44864	24.640137	25.019512	22.467125	-0.19257843	-0.043865003	-0.15790538	-0.12883449	1182.6691	282.7422	881.2466	2346.6577
04-02-2022 19:42	50.027374	253.34401	263.15808	250.9608	446.6101	444.4968	438.20572	24.654701	24.890163	22.455772	-0.1909309	-0.040743355	-0.15873468	-0.12749518	1179.5537	273.53122	883.0847	2336.1697
04-02-2022 19:43	50.029808	253.437	262.8549	251.37514	446.49188	444.85333	438.3257	24.577675	24.158258	22.702484	-0.19242641	-0.07589481	-0.15482888	-0.13960777	1189.0997	471.1256	862.2503	2522.4756
04-02-2022 19:44	50.022293	253.57993	262.87427	251.08797	446.63055	444.3908	438.42792	24.612946	24.677471	21.377813	-0.191478	-0.09840829	-0.23719381	-0.17347163	1178.765	670.0901	1256.161	3105.016
04-02-2022 19:45	49.988487	253.7106	262.9019	251.03734	446.71295	444.56	438.36685	24.607561	24.148874	21.770145	-0.19064848	-0.07692425	-0.2067228	-0.1555988	1178.0176	484.4911	1120.2683	2782.777
04-02-2022 19:46	49.953278	253.62341	262.73187	251.11197	446.68695	444.2083	438.42526	24.558926	24.14975	21.793678	-0.19231617	-0.07924799	-0.20245935	-0.15550026	1183.3992	500.01767	1097.5651	2780.9817
04-02-2022 19:47	49.962563	253.95921	262.98218	251.47159	447.22858	444.72687	439.003	25.53468	24.136839	21.915245	-0.15042102	-0.07904828	-0.2147439	-0.14536314	970.1474	496.15552	1178.3767	2644.6797
04-02-2022 19:48	49.948322	253.83002	262.60214	251.67836	446.9996	444.54193	438.89426	25.55358	24.099438	23.005486	-0.15297294	-0.072205044	-0.12759456	-0.11751497	978.3417	459.8037	722.6395	2160.785
04-02-2022 19:49	49.916245	253.9988	262.485	251.2921	446.81616	444.03473	438.9972	25.495796	24.128937	22.931585	-0.1544065	-0.07221835	-0.1297462	-0.11920105	986.7196	461.8106	743.7716	2192.302
04-02-2022 19:50	49.938957	254.49327	262.945	251.44958	447.32895	444.9569	439.49078	25.478958	24.131104	23.21914	-0.15363878	-0.07440947	-0.18068583	-0.13506648	976.38574	459.59885	1038.1555	2476.7651
04-02-2022 19:51	49.953167	254.42096	263.3343	251.21678	447.81876	444.89023	439.2203	25.581606	25.62731	23.076485	-0.14750193	-0.07054878	-0.13341019	-0.11593206	944.98236	429.73663	768.7591	2143.478
04-02-2022 19:52	49.988052	254.99411	263.64804	252.01672	448.5551	445.97647	440.31793	25.63491	25.719595	23.096464	-0.14909121	-0.0750694	-0.13226148	-0.11764896	962.08746	502.53174	760.9814	2225.6006
04-02-2022 19:53	50.010475	255.06328	264.25772	252.09409	449.08417	446.53192	440.54465	25.669842	25.18037	23.13206	-0.14556316	-0.046845194	-0.13387497	-0.1073458	943.2743	312.1629	771.1848	2026.6221
04-02-2022 19:54	50.031845	254.85893	264.3041	252.39877	448.98212	446.77786	440.65314	24.703634	25.152367	23.10387	-0.1888972	-0.043611765	-0.13380782	-0.12017091	1173.5044	290.79837	769.39484	2233.6975
04-02-2022 19:55	50.047276	254.51245	264.81967	252.195	449.0946	446.8015	440.45413	24.738798	25.152052	21.950647	-0.18740346	-0.07011134	-0.21501456	-0.1533057	1172.8889	460.19962	1174.5793	2804.7612
04-02-2022 19:56	50.064434	255.1614	264.54645	253.2564	449.91412	447.4832	441.448	24.744234	25.040762	22.001522	-0.18997322	-0.062394094	-0.21089078	-0.15039966	1184.6953	427.8575	1163.0122	2775.5652
04-02-2022 19:57	50.07852	255.46597	264.76044	253.55823	450.19437	448.1095	441.96188	24.785084	25.1073	22.089119	-0.18926269	-0.06459186	-0.20543993	-0.149338	1182.9382	426.89023	1137.2103	2747.0388
04-02-2022 19:58	50.078876	255.40285	265.3912	253.52869	450.98157	448.3246	441.89716	24.841358	25.701607	22.099821	-0.18804337	-0.06574245	-0.20761119	-0.1493671	1176.4613	443.5354	1148.5079	2768.5046
04-02-2022 19:59	50.067543	255.41583	265.44724	253.36414	450.7749	448.44058	441.82254	24.80516	24.67461	23.173103	-0.18996437	-0.08841813	-0.13526264	-0.13726504	1188.7405	575.89923	784.8581	2549.4978
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
04-02-2022 20:00	50.063244	255.44574	265.85535	253.06653	450.85648	448.53708	441.88306	24.736202	24.177092	23.333729	-0.18882205	-0.10698228	-0.17964584	-0.14609331	1180.9434	675.2799	831.6658	2687.8892
04-02-2022 20:01	50.018707	254.92708	265.24918	253.26831	449.97992	448.06662	441.62494	24.79242	23.90877	23.179451	-0.19642307	-0.0938868	-0.1330292	-0.14116107	1225.1818	590.83044	772.10175	2588.114
04-02-2022 20:02	50.006897	254.29042	265.3374	253.39868	449.56558	448.1791	441.204	24.817493	23.87842	24.332375	-0.19819967	-0.11180106	-0.09958208	-0.13670498	1233.709	702.7896	606.86255	2543.3613
04-02-2022 20:03	49.96947	254.13876	265.30344	253.33846	449.2879	448.15173	441.0816	24.709356	23.768234	24.334751	-0.19796997	-0.108693995	-0.10478855	-0.13722731	1226.7592	695.18304	637.3286	2558.896
04-02-2022 20:04	49.967113	253.83987	265.02295	252.97731	448.85342	447.45648	440.57996	24.736834	23.846123	24.226082	-0.20079622	-0.113006115	-0.10382327	-0.13937172	1240.8657	678.7279	631.5315	2551.125
04-02-2022 20:05	49.963024	253.33351	264.98148	252.68031	448.18338	447.10367	440.13248	24.690292	24.19878	23.028862	-0.19854209	-0.12743984	-0.18464364	-0.16921945	1222.1235	803.9902	1061.8738	3087.9878
04-02-2022 20:06	49.967136	254.05399	265.06528	252.58176	448.91245	447.17413	440.55908	24.66159	24.152811	23.007477	-0.19906387	-0.12826806	-0.17796858	-0.1678713	1231.9364	813.2724	1023.3469	3068.5557
04-02-2022 20:07	49.963352	253.87512	265.28577	252.93015	449.00253	447.59436	440.72397	24.705946	24.589252	23.125988	-0.19864425	-0.079686865	-0.17235547	-0.14855117	1229.571	516.0905	995.5316	2741.1934
04-02-2022 20:08	49.984596	254.0606	265.60507	253.07855	449.35968	448.02448	441.0673	24.745178	24.75552	23.143505	-0.19766083	-0.06593117	-0.17688462	-0.14477323	1226.9277	430.40845	1025.4595	2682.7954
04-02-2022 20:09	50.01933	253.86627	265.95596	253.2428	449.36523	448.46848	441.17096	24.85739	24.832596	24.328508	-0.19860066	-0.06456484	-0.10346664	-0.12136578	1237.9149	424.74533	631.6896	2294.3499
04-02-2022 20:10	50.053818	254.2316	266.13983	253.0698	449.7779	448.58218	441.29935	24.879911	24.935623	24.270653	-0.19931728	-0.0681678	-0.10844606	-0.123952724	1233.5464	453.35263	657.49945	2344.3984
04-02-2022 20:11	50.057	254.29805	266.03516	253.26273	449.7536	448.52307	441.64288	24.853365	24.884243	24.02273	-0.1964976	-0.06973341	-0.17076395	-0.1440123	1231.3694	444.71558	774.0239	2450.109
04-02-2022 20:12	50.056736	254.37996	265.98135	253.44339	449.85455	448.65338	441.7756	24.889763	25.289814	23.765835	-0.19778137	-0.08680593	-0.12965022	-0.13755336	1245.7029	578.38965	772.3235	2596.416
04-02-2022 20:13	50.051342	254.84505	265.54474	253.33154	450.15414	448.2456	441.7483	24.909437	25.361141	23.686485	-0.2003696	-0.110607415	-0.1253031	-0.14504856	1262.002	694.2728	741.08105	2697.356
04-02-2022 20:14	50.044224	254.6413	266.00308	253.3836	450.15836	448.63055	441.88394	24.819872	23.969788	24.046665	-0.19706044	-0.0983402	-0.16884528	-0.15431552	1227.8331	647.13074	1012.0254	2886.9895
04-02-2022 20:15	50.023457	254.47182	265.75534	252.99118	449.69308	448.1402	441.43616	24.803837	23.799088	23.126356	-0.19585618	-0.090396374	-0.1642838	-0.14988627	1228.1011	563.3105	950.38885	2741.8005
04-02-2022 20:16	49.956856	253.88576	265.35608	252.42064	448.79202	447.33383	440.44974	24.649014	23.685764	22.015598	-0.19476992	-0.09090562	-0.23072474	-0.16959703	1203.9543	567.3272	1261.4098	3034.5042
04-02-2022 20:17	49.909092	254.11018	264.93243	251.84428	448.73288	446.82715	439.68988	24.611786	23.663002	21.867159	-0.19781914	-0.11390012	-0.22418448	-0.17643592	1219.9307	709.8931	1222.2825	3152.1064
04-02-2022 20:18	49.90854	254.24776	264.6704	252.64136	449.20126	446.95343	440.26074	24.596462	23.720224	22.323473	-0.19911285	-0.11491209	-0.26757133	-0.19200194	1228.6215	721.5479	1488.102	3438.2715
04-02-2022 20:19	49.900387	253.62296	264.95288	252.3392	448.2515	447.14465	439.89325	24.5835	23.747478	21.915207	-0.19785577	-0.11279967	-0.22812448	-0.17746834	1218.2441	702.31537	1247.9406	3168.5
04-02-2022 20:20	49.911926	253.67857	264.66177	252.84282	448.66492	447.0548	440.04056	24.6581	24.290312	22.819145	-0.20126693	-0.122056566	-0.15959556	-0.16073543	1245.3934	770.89844	911.0688	2927.3606
04-02-2022 20:21	49.90859	253.81181	264.60217	252.63943	448.3547	447.17337	440.0072	24.591484	23.848797	22.922138	-0.20037417	-0.11288386	-0.16185668	-0.15810834	1237.152	704.9609	927.05566	2869.1687
04-02-2022 20:22	49.936802	253.60506	265.03815	252.97375	448.80255	447.60187	440.11014	24.701492	24.805851	22.977585	-0.19823748	-0.08631669	-0.1575748	-0.14603026	1235.0386	577.48145	912.39453	2724.9146
04-02-2022 20:23	49.968773	254.89775	264.99017	253.30013	449.8981	448.03683	441.3012	24.7715	24.638556	23.578743	-0.20168215	-0.075052746	-0.12843938	-0.13435918	1257.5017	488.6808	768.6753	2519.9514
04-02-2022 20:24	50.01823	255.07927	265.21768	253.41913	450.16028	448.42645	441.56467	25.774004	24.739555	23.709919	-0.15730166	-0.060002897	-0.13121192	-0.11586419	1025.6265	391.70682	779.6168	2196.9502
04-02-2022 20:25	50.032166	255.38573	265.2541	253.62526	450.484	448.58072	442.03485	25.80915	24.820496	23.80708	-0.15636174	-0.06326668	-0.14736578	-0.11565647	1032.2979	421.0155	745.60583	2198.9194
04-02-2022 20:26	50.02222	255.27457	265.6458	253.4712	450.5453	448.97498	441.8033	25.812046	24.831467	22.554935	-0.15464903	-0.06632494	-0.2051921	-0.138973	1002.1054	434.24496	1158.9763	2596.5923
04-02-2022 20:27	50.01217	255.27661	265.33548	253.41245	450.4559	448.5396	441.69202	25.844156	25.208382	22.522182	-0.15748996	-0.07710669	-0.20008267	-0.14190632	1020.93146	515.67194	1113.2632	2649.8667
04-02-2022 20:28	49.986153	254.83961	265.26328	253.14488	450.01657	448.0677	441.25452	25.75093	24.995794	22.528492	-0.15604334	-0.06889244	-0.19439575	-0.13697715	1009.09454	451.41782	1094.0587	2554.5713
04-02-2022 20:29	50.019352	255.39673	265.1896	253.82568	450.5003	448.684	442.16937	25.772541	24.259712	22.6591	-0.15748867	-0.09973498	-0.19851622	-0.15043752	1024.2192	634.1428	1129.5785	2787.9407
04-02-2022 20:30	50.005386	255.09955	264.5081	253.80243	449.89105	448.0576	441.67093	25.71683	24.143412	23.67837	-0.15735757	-0.11378469	-0.123337954	-0.13176073	1017.4846	717.006	733.4165	2467.9072
04-02-2022 20:31	49.9636	255.15987	264.42673	253.28305	449.69788	447.81885	441.17224	25.646	24.013294	23.580763	-0.15781875	-0.11009146	-0.13425662	-0.1337473	1017.1167	681.59827	792.8353	2491.5503
04-02-2022 20:32	49.95295	254.8597	264.16104	253.1194	449.3167	447.43304	440.67783	24.67963	23.977262	23.826601	-0.20278959	-0.109550186	-0.1712313	-0.14916211	1265.7668	681.8979	796.7966	2744.4614
04-02-2022 20:33	49.897236	254.19305	263.96884	252.79034	448.57346	446.9329	439.86484	24.631447	23.968237	23.510914	-0.20248072	-0.07384313	-0.12816079	-0.13459529	1246.4938	473.1412	752.1723	2471.8071
04-02-2022 20:34	49.88146	253.78848	263.8295	252.59134	447.85947	446.6402	439.57895	24.595982	24.673185	23.43735	-0.20153078	-0.10386007	-0.12506744	-0.14324136	1246.6785	651.02515	737.57086	2635.2744
04-02-2022 20:35	49.888577	253.99248	263.9378	252.49164	448.42496	446.2383	439.78073	24.575184	24.225748	22.61536	-0.19513701	-0.089342974	-0.20810296	-0.16224062	1214.3374	557.8214	930.982	2703.1409
04-02-2022 20:36	49.867313	254.01584	263.90543	252.37053	448.01855	446.56448	439.6379	24.546215	24.01641	22.271263	-0.19828454	-0.08299912	-0.17058796	-0.14947529	1220.4797	510.4581	956.0421	2686.98
04-02-2022 20:37	49.876354	254.05902	264.55203	252.20438	448.41486	446.65112	440.05072	24.626297	25.033401	21.316399	-0.1933127	-0.06445493	-0.23982576	-0.16209131	1193.199	430.81433	1285.178	2909.1914
04-02-2022 20:38	49.87855	254.09676	264.43365	252.7558	448.75198	446.79175	440.38995	24.627048	24.941849	21.39478	-0.19740203	-0.056149133	-0.24617094	-0.16010429	1213.8838	363.55685	1316.6946	2894.1353
04-02-2022 20:39	49.907894	254.3271	264.36407	252.95396	449.13312	447.28748	440.15225	24.622162	25.371838	21.816956	-0.19779806	-0.070871115	-0.29472446	-0.18068045	1225.2155	487.15576	1611.5668	3323.938
04-02-2022 20:40	49.94404	254.41643	264.25827	253.15063	449.16095	447.1815	440.53546	24.755993	25.246967	22.41414	-0.20038392	-0.064397775	-0.16960208	-0.14247105	1251.6809	426.41895	952.2937	2630.3936
04-02-2022 20:41	49.90946	254.43054	264.2204	253.23337	449.47302	447.05402	440.45557	24.737576	25.58057	22.28276	-0.20196159	-0.07849863	-0.17582245	-0.15133424	1263.745	548.6948	984.729	2797.169
04-02-2022 20:42	49.96683	254.90872	264.46472	253.26865	449.80212	447.58014	440.9146	24.765038	25.578362	22.371395	-0.20438854	-0.07566722	-0.1754446	-0.15116172	1278.1416	513.1753	997.4529	2788.7698
04-02-2022 20:43	49.977425	254.75702	264.72946	253.64197	449.73294	448.11734	441.2843	24.80991	25.32649	22.536892	-0.19970194	-0.042630825	-0.167304	-0.13352391	1242.9279	273.5302	946.35046	2462.8086
04-02-2022 20:44	50.016346	255.014	264.9677	253.68976	450.032	448.57175	441.47488	24.885061	25.203535	22.528486	-0.2005991	-0.039601535	-0.16791296	-0.13309115	1256.9006	268.95645	951.9367	2477.794
04-02-2022 20:45	50.003044	255.12697	264.59216	253.82802	449.96216	448.30496	441.59406	25.15087	24.349155	23.163511	-0.21993984	-0.06813898	-0.13290314	-0.14032847	1394.2161	435.67468	776.54816	2612.0327
04-02-2022 20:46	49.99489	254.80708	264.73874	253.27168	449.6336	447.98843	440.9774	25.08703	24.222809	23.346119	-0.21816008	-0.067999996	-0.17482305	-0.15291291	1376.8103	453.49432	996.6299	2826.9346
04-02-2022 20:47	49.94618	254.80467	264.5566	253.12947	449.55508	447.80447	440.6782	25.057446	24.267588	21.9179	-0.21699502	-0.0726358	-0.21501637	-0.16582353	1372.5958	467.58243	1180.5242	3020.7026
04-02-2022 20:48	49.934895	254.742	264.42926	253.19707	449.4094	447.7191	440.69537	25.062782	24.72604	21.914078	-0.22036353	-0.09651716	-0.2050768	-0.17197321	1381.341	639.3992	1130.9683	3151.7085
04-02-2022 20:49	49.87859	254.4718	264.0818	253.28902	448.8157	447.3728	440.71658	25.036957	24.706762	21.906773	-0.21905969	-0.09195445	-0.20789835	-0.172733	1390.4067	615.83984	1129.7515	3135.9983
04-02-2022 20:50	49.876484	254.6376	264.53412	253.38206	449.234	447.8668	441.03625	24.94828	24.306948	21.496239	-0.21937624	-0.07770124	-0.24398005	-0.17669825	1371.5509	484.21783	1320.3364	3176.1055
04-02-2022 20:51	49.9157	255.09352	264.66452	253.82115	449.94904	448.00204	441.95413	25.097168	24.073093	22.543076	-0.21943069	-0.06490944	-0.16604008	-0.14952286	1387.7732	393.37802	945.66614	2726.8174
04-02-2022 20:52	49.907417	254.97847	264.5364	253.39911	449.5341	447.78812	441.43478	25.07391	24.34879	22.447266	-0.21784149	-0.076628625	-0.17085302	-0.15420403	1389.267	494.77383	938.06726	2822.1082
04-02-2022 20:53	49.928333	255.60252	265.03525	253.55412	450.50476	448.416	442.05328	25.137255	25.146591	22.72684	-0.21876436	-0.046150688	-0.17975217	-0.14563043	1379.391	318.8024	1200.9816	2899.1748
04-02-2022 20:54	49.958237	255.55138	265.20816	253.64705	450.69476	448.90408	441.75797	25.15957	25.307959	22.624481	-0.21849328	-0.05137242	-0.16972607	-0.14432709	1392.9626	341.7911	963.25775	2698.0115
04-02-2022 20:55	49.96352	255.73557	265.64194	253.69987	451.06512	449.26932	442.181	25.21163	25.745998	22.605244	-0.21732067	-0.072767474	-0.16128854	-0.14786276	1381.9343	483.14114	912.7099	2777.7854
04-02-2022 20:56	49.977486	255.95233	265.57288	253.95718	451.34494	449.16608	442.6999	25.222807	25.668697	22.821724	-0.21666458	-0.06720792	-0.1999022	-0.15806058	1389.074	407.43472	914.92883	2711.4375
04-02-2022 20:57	49.94217	255.93042	265.38425	253.54355	450.90765	449.06238	442.16452	25.119879	25.17043	22.532822	-0.2176299	-0.04459122	-0.20326875	-0.15168604	1391.113	301.6235	1144.2134	2832.2314
04-02-2022 20:58	49.94	255.97653	265.4596	253.85747	451.21588	449.081	442.5879	25.177668	25.214167	22.505962	-0.21448559	-0.043484583	-0.19565852	-0.14815848	1368.2095	288.375	1107.6344	2764.2188
04-02-2022 20:59	49.905846	255.16418	264.6001	253.09344	449.87256	447.84854	440.9519	25.070904	25.185276	22.459064	-0.21893285	-0.05004916	-0.19078636	-0.1492578	1374.5343	325.7152	1071.3223	2771.5718
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
04-02-2022 21:00	49.93675	254.7305	263.99658	252.91602	448.75742	447.24356	440.5605	24.990046	24.114752	22.488337	-0.21856026	-0.07299186	-0.19352049	-0.16036412	1372.9714	483.3272	1346.4313	3202.73
04-02-2022 21:01	49.911335	253.325	262.3212	251.88391	446.10107	444.99512	438.33972	24.934309	24.22437	23.374031	-0.22044913	-0.077600345	-0.12784466	-0.1420768	1380.1807	485.02588	758.9629	2624.1694
04-02-2022 21:02	49.89634	250.60553	259.22855	248.567	440.94516	439.5045	433.17267	25.645374	24.307882	23.760212	-0.17828336	-0.09289256	-0.10686233	-0.12676702	1143.2906	564.83264	635.68475	2336.5894

04-02-2022 21:03	49.872334	248.8067	257.03482	246.59425	437.4021	436.074	429.8133	25.409918	24.14109	23.871696	-0.17827457	-0.095764294	-0.1002962	-0.12339372	1114.4755	550.0707	581.0119	2245.558
04-02-2022 21:04	49.847782	247.19165	255.85536	244.83173	434.74985	433.75284	426.89627	25.336714	23.504124	23.561403	-0.17299356	-0.07391463	-0.10521022	-0.117494576	1066.4634	434.7276	597.7978	2098.9888
04-02-2022 21:05	49.860134	246.13855	254.87793	244.3298	433.2715	432.53152	425.21707	25.253296	23.558296	23.52381	-0.17468959	-0.07699662	-0.103031635	-0.119092025	1082.991	473.9822	588.1058	2145.079
04-02-2022 21:06	49.840733	244.48752	253.32959	242.84067	430.35956	429.7078	422.8241	25.124352	23.291317	23.376028	-0.1699115	-0.07161898	-0.10255059	-0.11554484	1029.2865	434.62003	570.3492	2034.2556
04-02-2022 21:07	49.832672	245.65031	253.99007	243.1658	431.96402	430.22043	424.42078	25.150047	23.356857	22.218191	-0.16521633	-0.07882636	-0.18078183	-0.15502416	1015.22797	483.7614	1206.3538	2705.343
04-02-2022 21:08	49.81448	245.18169	253.43304	243.08163	431.03305	429.65543	423.98984	25.167995	23.859573	22.212515	-0.16874132	-0.07634722	-0.16270399	-0.13520561	1024.2966	464.22443	874.6705	2363.1914
04-02-2022 21:09	49.813755	245.60954	253.87238	243.82878	432.13358	430.43655	424.907	25.17696	24.385202	22.212914	-0.17120628	-0.114976265	-0.16362946	-0.14914869	1047.8401	701.95306	876.21765	2626.0107
04-02-2022 21:10	49.804295	245.58049	253.99202	244.1023	432.78214	430.9333	424.41022	24.28339	24.229376	22.494116	-0.22069128	-0.10714125	-0.17437898	-0.16718148	1308.3538	667.7595	932.366	2908.4792
04-02-2022 21:11	49.82591	245.84523	254.26921	244.68097	433.0281	431.869	425.16687	24.608284	23.758938	23.440533	-0.24295117	-0.085677706	-0.100821234	-0.14403869	1464.1912	512.26904	571.43604	2547.896
04-02-2022 21:12	49.8803	245.29448	253.95853	244.02818	431.61007	431.2289	424.5911	24.609467	23.774862	23.30832	-0.23868404	-0.0867414	-0.103590876	-0.14374562	1437.2687	519.62555	580.2624	2537.1567
04-02-2022 21:13	49.868584	245.29282	253.8467	243.2372	431.35065	430.42853	424.08234	24.589226	23.725006	23.368385	-0.240707	-0.08688947	-0.09935681	-0.14312902	1432.899	513.0634	553.4221	2499.3845
04-02-2022 21:14	49.878902	245.39255	253.67677	243.48772	432.08505	430.00552	424.0917	24.623207	23.920458	23.574566	-0.2395962	-0.090486035	-0.13552354	-0.15682147	1434.6486	548.2258	790.8828	2773.7573
04-02-2022 21:15	49.88038	245.47382	253.7171	243.62262	432.0377	430.67065	423.92505	24.64428	23.103367	23.382017	-0.23816133	-0.1184735	-0.09843409	-0.15308347	1430.5977	705.5486	548.26166	2684.408
04-02-2022 21:16	49.884933	245.80385	254.00407	243.77065	432.60254	430.8225	424.53024	24.589445	23.10089	23.399374	-0.24101198	-0.12056385	-0.09550509	-0.15377854	1450.255	694.5102	548.71594	2693.4812
04-02-2022 21:17	49.87143	245.40495	253.75961	243.67409	431.90637	430.31616	424.44183	24.58688	23.476488	23.240908	-0.24250507	-0.13943638	-0.10505922	-0.16366865	1437.827	830.2489	572.8396	2840.9155
04-02-2022 21:18	49.88448	245.9714	254.29102	243.74696	432.79977	430.91248	424.98282	24.477554	22.986923	22.310154	-0.24220055	-0.12131001	-0.16550322	-0.17721908	1446.2571	706.3944	888.1079	3040.7593
04-02-2022 21:19	49.869156	245.80666	254.35114	244.30844	432.4046	431.6586	425.4167	24.551975	23.061066	22.264038	-0.23830509	-0.12057764	-0.16338931	-0.17507406	1428.7363	703.7925	879.1273	3011.6558
04-02-2022 21:20	49.84853	245.52342	253.9954	244.02362	431.80154	431.19852	424.88	24.537687	23.09685	22.293604	-0.2379715	-0.12085766	-0.16645183	-0.17587128	1422.0791	704.02686	894.7326	3020.8386
04-02-2022 21:21	49.870403	246.023	254.32552	244.68297	432.75027	432.133	425.58206	24.5915	23.105904	23.593523	-0.24156556	-0.12018534	-0.14256337	-0.16892368	1448.4423	703.8468	816.55975	2968.8489
04-02-2022 21:22	49.87725	246.25883	254.84254	244.16724	433.57895	432.067	425.24048	24.599922	22.950153	23.35255	-0.23972805	-0.114289165	-0.10171746	-0.15386428	1447.2911	665.6576	575.76074	2688.7095
04-02-2022 21:23	49.916256	246.35234	255.16188	244.94719	433.94888	432.7448	426.2506	24.709278	24.041395	23.39299	-0.23943369	-0.094105355	-0.1040237	-0.1464517	1444.3069	575.25745	589.7296	2609.294
04-02-2022 21:24	49.899654	246.3386	255.07399	244.81616	433.81125	432.53796	426.1902	24.471607	24.443035	23.649689	-0.2172176	-0.11613432	-0.1409628	-0.15782459	1298.6803	720.21674	807.12805	2826.0251
04-02-2022 21:25	49.915	246.54662	255.44603	244.94527	434.3502	432.98465	426.43622	24.544184	23.967669	23.512756	-0.21728913	-0.08707084	-0.096750274	-0.13403112	1301.2152	530.75446	551.02954	2382.999
04-02-2022 21:26	49.932716	246.74722	255.8294	245.2065	434.9115	433.74716	426.58417	24.579771	23.991882	23.58104	-0.21414092	-0.06447546	-0.09597712	-0.124909066	1285.6545	394.9679	549.0878	2229.7104
04-02-2022 21:27	49.958374	247.01015	255.69089	245.54646	434.93915	433.85635	427.24362	24.627026	23.976841	23.60404	-0.21584533	-0.06116626	-0.103884645	-0.12705542	1301.4634	373.7025	595.44977	2270.6155
04-02-2022 21:28	49.945335	246.79938	255.83266	245.21124	434.9486	433.48404	426.90726	24.543217	24.124447	22.20088	-0.20899753	-0.07424088	-0.24725547	-0.17353947	1266.9463	471.753	1336.1416	3074.841
04-02-2022 21:29	49.980324	247.06203	256.45096	245.34962	435.56693	433.9848	427.54895	24.60182	23.927261	21.033947	-0.20955119	-0.06839581	-0.24205412	-0.16960178	1261.656	430.09644	1234.4263	2926.1787
04-02-2022 21:30	49.956528	246.41156	256.62476	244.9146	434.806	433.77814	426.93207	24.540466	23.485027	21.048841	-0.20829828	-0.11317886	-0.24114977	-0.18438701	1242.9076	675.55206	1228.7487	3147.2083
04-02-2022 21:31	49.983246	246.16078	256.89658	245.45021	434.92615	434.40915	427.14722	24.420946	23.659449	22.025404	-0.1836318	-0.11635648	-0.16893193	-0.15569098	1093.5227	701.4896	902.68994	2697.7021
04-02-2022 21:32	49.97228	246.63272	256.59766	245.64236	435.1284	434.6609	427.33252	24.400097	23.282104	22.050316	-0.18462288	-0.10093389	-0.16295372	-0.14905812	1101.0186	600.84973	872.30804	2574.1763
04-02-2022 21:33	49.958027	247.76729	256.7607	245.87636	436.354	435.2024	428.22223	24.37772	23.095852	21.976469	-0.18688661	-0.090535976	-0.17334859	-0.14966857	1118.0393	534.7504	926.8543	2579.644
04-02-2022 21:34	49.95793	247.54015	256.57126	245.52687	435.77997	434.83038	427.838	24.403637	23.154871	21.635569	-0.1849297	-0.095064476	-0.20435399	-0.15989302	1106.5497	562.20953	1073.6144	2742.3735
04-02-2022 21:35	49.96239	246.80908	256.95468	245.92538	435.7242	434.99377	427.81683	24.400518	23.82284	21.809263	-0.1835173	-0.08998157	-0.24417897	-0.16921137	1094.4672	548.26575	1294.5001	2937.233
04-02-2022 21:36	49.93814	247.00618	257.37674	246.39172	436.24365	435.76215	428.40918	24.4273	23.492737	21.584011	-0.18353388	-0.07134893	-0.20580375	-0.15119323	1096.4917	429.15796	1081.7428	2607.3926
04-02-2022 21:37	49.951504	247.57109	257.38806	246.367	436.82544	435.8024	428.7446	24.43496	23.98238	21.593473	-0.18588118	-0.08220727	-0.19926934	-0.15347257	1114.2585	501.94278	1048.0249	2664.226
04-02-2022 21:38	49.94699	247.52435	257.67923	246.41174	437.15158	435.86563	428.85547	23.82552	25.076742	20.953403	-0.21796809	-0.065554835	-0.28866446	-0.18230012	1273.2454	417.0537	1443.4895	3133.7886
04-02-2022 21:39	49.93408	247.24515	257.98376	246.23085	436.7732	435.71124	429.1	24.744255	24.735584	20.648857	-0.17202407	-0.060967613	-0.2805649	-0.16238338	1033.2395	384.90085	1407.3474	2825.4878
04-02-2022 21:40	49.964275	248.20663	258.51572	247.17708	438.40485	437.03506	430.38043	24.829329	24.417149	20.720497	-0.1752633	-0.04597717	-0.27917036	-0.15887876	1069.5847	288.54382	1412.3291	2770.4578
04-02-2022 21:41	49.996403	248.64719	258.85538	247.4698	438.93707	437.7101	431.03085	24.860403	24.360361	21.137012	-0.17571113	-0.041729677	-0.24965921	-0.14967678	1076.1622	262.52484	1297.5923	2636.2793
04-02-2022 21:42	49.99399	249.43109	258.88312	247.71463	439.74683	438.37308	431.40067	24.963018	24.844704	22.168774	-0.18020622	-0.063620575	-0.2163943	-0.14980973	1109.3602	407.78455	1187.888	2705.0327
04-02-2022 21:43	49.996475	248.74622	258.99725	247.47638	439.04752	438.12497	430.94113	24.883919	24.578846	22.164936	-0.17973427	-0.04796584	-0.17900254	-0.13278785	1102.4575	304.35614	969.3183	2376.1318
04-02-2022 21:44	50.02456	249.41333	259.06015	247.58275	439.8273	438.37833	431.36234	24.935448	24.45641	22.203754	-0.18114708	-0.040950146	-0.1772339	-0.13050508	1116.1636	258.54153	960.9997	2335.7046
04-02-2022 21:45	50.01992	249.82472	259.13336	247.76553	440.33044	438.57257	431.8209	24.961527	25.25801	22.461227	-0.18058	-0.07822061	-0.20721072	-0.13840106	1117.6171	460.14624	928.2855	2506.0488
04-02-2022 21:46	50.028915	249.97238	258.69992	247.67554	440.16898	438.21628	431.6889	24.951717	24.259346	22.187996	-0.18400751	-0.0939174	-0.16846885	-0.14781919	1137.0253	570.69635	917.3675	2625.089
04-02-2022 21:47	50.009544	250.25935	259.01773	247.96469	440.8375	438.60223	432.1837	24.159586	24.130547	22.174751	-0.2313791	-0.083717465	-0.16813207	-0.15991706	1385.1248	524.3596	913.63983	2822.5305
04-02-2022 21:48	49.961857	249.93454	258.79218	247.47096	440.26837	437.8232	431.71872	24.005718	24.090014	21.199707	-0.22689936	-0.09153756	-0.2515565	-0.18590884	1345.6917	534.17883	1291.7285	3171.599
04-02-2022 21:49	49.944004	249.80016	258.6862	247.59694	440.0617	438.1059	431.44998	24.006584	23.674297	21.119774	-0.22426343	-0.07274215	-0.25582665	-0.18002036	1327.982	469.98328	1557.3871	3355.3525
04-02-2022 21:50	49.942547	249.98622	258.73972	247.99475	440.16632	438.57465	431.97693	23.994022	23.64169	22.102701	-0.22852953	-0.07117491	-0.19996811	-0.16467844	1358.7424	455.27216	1080.6774	2894.692
04-02-2022 21:51	49.92837	250.20631	258.90912	247.72684	440.28293	438.51822	432.12393	23.99647	23.865269	22.134	-0.22646366	-0.0828396	-0.20288943	-0.16872965	1345.1039	517.7999	1099.0116	2961.9153
04-02-2022 21:52	49.950195	250.12805	258.66492	248.29816	440.2635	438.98123	432.11728	23.991627	24.149	23.420668	-0.2318277	-0.1122011	-0.17367919	-0.17168368	1385.3103	708.5608	760.7425	2856.3325
04-02-2022 21:53	49.98151	250.35365	259.23785	248.74669	441.09467	439.6595	432.76892	24.133032	25.061235	23.227139	-0.2306689	-0.08291269	-0.12997669	-0.14480352	1375.1108	508.0704	742.17883	2625.36
04-02-2022 21:54	50.01157	250.17159	259.3396	248.52028	440.81665	439.71106	432.4652	24.129503	24.575405	23.214909	-0.22821067	-0.059814177	-0.1377541	-0.1401115	1361.9263	378.59546	784.8639	2525.3855
04-02-2022 21:55	50.034348	250.38033	259.39725	248.7039	441.35654	439.58698	432.82794	24.19943	24.867863	23.334019	-0.22898734	-0.066197984	-0.13097823	-0.14019193	1364.339	424.07864	750.12964	2538.5474
04-02-2022 21:56	50.060684	250.51775	260.19888	249.2861	442.05432	440.4665	433.87695	24.211246	24.530733	23.339815	-0.22489701	-0.05749141	-0.15248954	-0.1432067	1350.8047	366.61725	884.0886	2601.5107
04-02-2022 21:57	50.0699	250.55328	260.6526	249.50006	442.47818	441.09146	434.05032	24.22454	24.56376	23.397331	-0.22706695	-0.05399202	-0.13442615	-0.13682857	1363.192	343.72617	775.66034	2482.5784
04-02-2022 21:58	50.064194	251.14992	261.18555	250.03929	443.53098	441.86737	435.10916	24.227222	24.79598	22.371523	-0.22370826	-0.068176284	-0.20831591	-0.16325574	1346.1194	439.10886	1149.41	2934.6384
04-02-2022 21:59	50.081123	251.24907	260.8227	249.85884	443.32397	441.73282	434.68933	24.25109	26.354366	22.008472	-0.23097487	-0.22909279	-0.20467678	-0.2224256	1397.1925	1548.9296	1116.2043	4062.3267
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
04-02-2022 22:00	50.057796	251.27916	260.75854	250.20781	443.64255	441.72006	434.92755	24.277773	25.217903	22.220497	-0.22512981	-0.07928334	-0.20771201	-0.16715552	1358.3308	516.29065	1139.1877	3013.809
04-02-2022 22:01	50.089237	250.76027	259.88367	249.17181	442.00565	440.61182	433.46753	24.243774	24.026169	22.316685	-0.22359468	-0.09932757	-0.19785292	-0.1725738	1354.0265	617.3283	1084.6835	3056.038
04-02-2022 22:02	50.058712	249.39276	258.58377	248.24214	439.58963	438.69916	431.56174	24.173811	23.881351	23.281384	-0.22509003	-0.09236545	-0.12716825	-0.14792642	1345.7427	561.9719	717.51166	2625.226
04-02-2022 22:03	50.01782	248.02603	257.04	246.65659	437.27884	435.81567	428.96976	24.120123	23.693235	23.73463	-0.2266652	-0.090356	-0.13744915	-0.15105121	1336.833	547.63544	800.0711	2684.5398
04-02-2022 22:04	49.978603	246.3724	255.41245	245.2897	434.38254	433.5223	426.1129	23.946262	23.548203	23.558262	-0.22834434	-0.089121826	-0.0951853	-0.13744546	1332.531	533.51074	543.2056	2409.2476
04-02-2022 22:05	49.960835	245.12535	254.28981	243.60162	432.18417	430.8998	423.9016	23.868196	23.444504	23.40567	-0.22590432	-0.088756844	-0.10356346	-0.13929822	1309.4293	520.63727	589.95776	2420.0242
04-02-2022 22:06	49.916866	243.36148	252.47905	242.40027	429.22144	428.48618	421.01004	23.683567	23.32602	23.312393	-0.22658238	-0.09118803	-0.110760495	-0.14294888	1296.5367	541.7898	611.25525	2449.5815
04-02-2022 22:07	49.872066	243.33421	252.38364	242.56113	429.37286	428.31805	421.09192	23.75127	23.727789	22.773531	-0.22514108	-0.10721752	-0.12507482	-0.15272254	1290.374	631.20734	684.6484	2606.23
04-02-2022 22:08	49.846924	243.48979	252.80602	242.4158	429.48172	428.72052	421.3288	23.692326	23.847998	21.676275	-0.22214137	-0.08878997	-0.20251638	-0.16886657	1267.7295	530.67487	1050.5964	2849.001
04-02-2022 22:09	49.82944	243.46815	252.88506	242.60886	430.0793	428.46936	421.41705	23.675869	23.755615	21.69524	-0.22085662	-0.06804001	-0.19544311	-0.15884393	1261.2812	407.8545	1015.49084	2684.6265
04-02-2022 22:10	49.878017	244.20512	253.57536	242.70964	430.54724	429.43942	422.61624	23.707443	23.761786	22.10579	-0.22035828	-0.06333567	-0.23900603	-0.17077939	1258.9624	379.5007	1262.9955	2901.4587
04-02-2022 22:11	49.90065	244.24052	253.65474	242.79596	430.54056	429.71008	422.70068	23.847656	23.835516	21.79144	-0.21922119	-0.06399573	-0.20440015	-0.15973806	1259.5222	384.24213	1066.794	2710.558
04-02-2022 22:12	49.888676	244.03693	253.27116	242.99612	430.47433	429.59705	422.2193	23.752455	23.810728	22.864502	-0.22692524	-0.059011985	-0.12410914	-0.13564421	1298.4259	353.54492	679.82184	2331.7925
04-02-2022 22:13	49.87723	244.00963	253.20099	242.73744	429.9893	429.433	422.24423	23.817026	23.954723	22.853836	-0.22390832	-0.06693276	-0.12869675	-0.13878079	1282.514	402.88336	703.57477	2388.9722
04-02-2022 22:14	49.897606	243.95984	253.20729	242.73589	430.20773	429.34918	422.03717	23.977415	24.323784	22.841675	-0.22145464	-0.077944785	-0.12890731	-0.1417119	1272.6713	474.76718	703.3104	2450.749
04-02-2022 22:15	49.895504	244.19315	253.33836	243.08841	430.8488	429.38013	422.60394	23.853617	23.952148	22.960196	-0.22453216	-0.060627192	-0.12747793	-0.13636465	1287.5612	364.5346	699.1288	2351.2246
04-02-2022 22:16	49.901154	244.25047	253.0801	243.1002	430.15506	429.428	422.9121	24.618793	23.18613	22.867884	-0.1815274	-0.09872198	-0.13447666	-0.13860156	1077.8044	575.0438	735.97864	2388.827
04-02-2022 22:17	49.89252	244.06656	252.87595	242.85735	430.0746	429.16776	422.17023	24.573605	23.08135	23.073235	-0.17948262	-0.09764666	-0.1730632	-0.14988883	1061.5369	566.05585	954.5181	2582.1108
04-02-2022 22:18	49.897873	243.33104	253.38821	242.7921	429.59164	429.1998	422.1119	24.581955	23.106812	21.884525	-0.17328934	-0.096819535	-0.19870836	-0.15494463	1023.339	562.0338	1040.1404	2625.5132
04-02-2022 22:19	49.9282	243.77951	253.00153	242.96207	429.6717	429.1472	422.48444	24.620428	23.169216	22.412098	-0.17498107	-0.0932531	-0.17098889	-0.14593856	1045.1398	546.3583	913.99426	2503.1174
04-02-2022 22:20	49.92461	244.2403	253.15501	242.87898	430.23438	429.36984	422.62427	24.60707	23.25281	22.380478	-0.17965823	-0.09655982	-0.16620556	-0.1471495	1054.5587	572.3424	893.1424	2520.0435
04-02-2022 22:21	49.99373	244.57274	253.33847	243.54446	430.95255	430.18872	423.1392	24.718472	23.691236	23.54057	-0.18209407	-0.10758122	-0.09961416	-0.13134202	1087.419	646.9022	565.2031	2299.5242
04-02-2022 22:22	50.027527	245.39952	254.4911	243.53426	432.3667	431.1475	424.1762	24.765394	23.173906	22.529766	-0.17637412	-0.08991307	-0.14461121	-0.13709414	1056.8794	518.79114	775.0286	2350.6992
04-02-2022 22:23	50.00758	245.4736	254.61005	243.64203	432.51657	431.31287	424.3809	24.742123	23.144619	22.605179	-0.1779488	-0.0911424	-0.1356369	-0.13524236	1064.661	530.7451	736.167	2331.5732
04-02-2022 22:24	50.01111	245.77094	255.52133	242.8792	432.8774	431.67383	424.4249	23.936787	24.010107	21.941505	-0.22042523	-0.06869674	-0.267496	-0.18109883	1280.1747	397.52164	1426.9893	3104.6855
04-02-2022 22:25	50.003433	245.38734	254.99297	244.64717	432.90167	432.2393	425.31882	24.004469	24.042618	22.62901	-0.22407751	-0.060053084	-0.14266805	-0.14095362	1297.4108	372.76056	773.71533	2443.8865
04-02-2022 22:26	50.000168	245.84454	255.19621	244.78262	433.4361	432.58475	425.8171	24.002897	24.102442	22.683695	-0.22375602	-0.06095896	-0.13900436	-0.1400739	1303.0701	371.0239	759.05023	2433.1443
04-02-2022 22:27	50.001873	246.20822	255.1255	244.87376	433.81766	432.6998	425.98953	23.99464	24.160946	22.786858	-0.22470078	-0.06552927	-0.18695092	-0.15693177	1304.2585	419.3742	1028.7216	2752.3545
04-02-2022 22:28	49.957737	245.8772	254.9428	244.372	433.44135	432.0063	425.30237	23.932936	24.4957	21.49567	-0.2219508	-0.083362244	-0.21191023	-0.1687328	1291.2803	509.36276	1091.062	2891.705

04-02-2022 22:29	49.966625	246.1172	255.28738	244.46161	433.6708	432.51282	425.73117	23.955746	23.983093	21.575125	-0.22157831	-0.06085661	-0.20753153	-0.16008973	1285.5562	369.0529	1078.4747	2733.0837
04-02-2022 22:30	49.961533	245.78647	254.9348	243.75053	432.91974	431.67758	424.90152	23.966387	23.953651	21.577328	-0.2182752	-0.06642236	-0.21492368	-0.16325441	1266.9689	403.16388	1114.1344	2784.267
04-02-2022 22:31	49.9441	246.08533	254.97395	243.88362	433.2262	432.0057	425.0862	23.86076	23.282223	22.780766	-0.22374466	-0.09823063	-0.17972662	-0.16657336	1292.5986	578.0654	982.3949	2853.059
04-02-2022 22:32	49.916634	246.35309	255.0251	244.50537	433.3995	432.54822	425.9913	23.86688	23.078976	22.509487	-0.22647588	-0.08767501	-0.140864	-0.15170705	1309.693	513.7107	764.67664	2588.0806
04-02-2022 22:33	49.924656	246.35014	255.14787	244.76524	433.86005	432.7279	426.01566	23.92562	23.136333	22.573189	-0.22315507	-0.09078047	-0.13572043	-0.1500346	1290.1064	529.6993	740.82166	2559.8774
04-02-2022 22:34	49.92439	246.1694	255.00606	244.8158	433.53687	432.64978	425.94366	23.898409	23.28598	22.837704	-0.22350693	-0.091431506	-0.18037349	-0.16450608	1296.3081	537.4824	993.2293	2827.02
04-02-2022 22:35	49.914963	246.77191	255.24654	245.2952	434.29495	433.30377	426.8209	23.952501	23.638689	22.620146	-0.22647125	-0.13434412	-0.15582806	-0.17222609	1319.0089	802.8384	850.99335	2972.8406
04-02-2022 22:36	49.94254	246.9263	255.88614	245.62941	435.26282	434.01938	427.09937	23.936949	23.95454	22.637941	-0.22451349	-0.10956348	-0.15418716	-0.16217065	1317.0219	712.859	846.7588	2877.921
04-02-2022 22:37	49.958996	247.23337	256.5056	245.47325	435.68076	434.5855	427.44867	23.962078	23.552664	21.750229	-0.21983315	-0.094301656	-0.24000756	-0.18196532	1283.9395	565.8521	1260.584	3110.3757
04-02-2022 22:38	49.933758	247.39238	256.5492	245.63852	435.72775	434.83145	427.78934	23.856468	23.538397	22.062914	-0.21963924	-0.09543089	-0.2689353	-0.19150618	1285.7587	579.2168	1431.7115	3296.687
04-02-2022 22:39	49.975163	247.48453	257.0781	245.93166	436.476	435.4545	428.0088	24.053566	24.49256	21.80359	-0.21771854	-0.069512635	-0.22525187	-0.16673884	1277.7052	434.43668	1187.4465	2899.5886
04-02-2022 22:40	49.994583	247.54169	257.3248	245.56049	436.59814	435.21793	428.00342	24.050793	24.507515	21.667374	-0.21829414	-0.070791185	-0.21345922	-0.16366753	1273.5366	448.72607	1115.3	2842.6877
04-02-2022 22:41	50.006706	247.76224	257.19373	246.44164	436.89096	435.95062	428.66022	24.107988	24.582294	22.702866	-0.2208848	-0.06579083	-0.13802983	-0.13994183	1301.1282	412.07474	760.7071	2473.9102
04-02-2022 22:42	50.01937	247.8586	256.80328	247.19873	437.2683	435.91882	429.11478	24.139683	25.24796	23.931076	-0.22515121	-0.091483146	-0.1431349	-0.15158428	1330.0759	586.6218	833.5625	2750.2603
04-02-2022 22:43	50.021084	248.07715	257.18808	247.42914	437.62152	436.56216	429.56293	24.164286	25.075878	23.727467	-0.21957013	-0.08059454	-0.10820924	-0.13485602	1296.4739	513.3755	629.7312	2442.4556
04-02-2022 22:44	50.013336	248.06868	257.11276	247.46333	437.59494	436.4754	429.5892	24.191973	24.727749	23.84158	-0.221202	-0.06431978	-0.09768879	-0.12649916	1297.864	404.23737	566.6896	2268.791
04-02-2022 22:45	50.015724	248.03757	257.27997	247.40341	437.43396	436.3582	429.98904	24.154512	24.584217	23.809425	-0.21817005	-0.05867833	-0.096955754	-0.12338496	1289.2019	387.24454	567.74115	2244.1875
04-02-2022 22:46	49.98419	248.04716	257.42712	247.3328	437.56152	436.3586	430.0097	24.067667	24.600294	23.205544	-0.2181292	-0.06616843	-0.12521492	-0.13485351	1287.5709	408.57343	707.78174	2403.926
04-02-2022 22:47	49.960377	248.8636	257.31427	246.76062	437.88144	436.18713	430.09207	23.99905	23.72189	22.079935	-0.21773012	-0.09897616	-0.19214869	-0.16822475	1281.8177	600.10065	1031.3649	2913.2834
04-02-2022 22:48	49.92788	248.74294	257.26868	246.85707	437.86017	436.31476	429.8697	23.978	23.693092	21.99341	-0.21822871	-0.09877547	-0.19643594	-0.16964398	1282.8005	597.7689	1050.5803	2931.15
04-02-2022 22:49	49.90634	249.76921	258.26498	247.12695	439.1665	437.49448	431.3469	24.01511	24.25392	22.098234	-0.21838968	-0.12383644	-0.23485565	-0.18973295	1283.6975	767.67426	1277.6482	3329.0198
04-02-2022 22:50	49.932365	249.92221	258.1587	247.97073	439.75916	438.09332	431.70645	24.087065	24.275816	23.22733	-0.22067997	-0.11394842	-0.12223053	-0.15217185	1315.8112	699.1873	682.8794	2697.878
04-02-2022 22:51	49.928078	250.1822	258.3841	248.07466	440.03967	438.1936	432.33917	24.066732	23.664062	23.22696	-0.21911944	-0.09084871	-0.11907893	-0.14298856	1302.483	552.0252	675.9214	2530.4297
04-02-2022 22:52	49.93441	250.37953	258.61713	248.11276	440.36353	438.44333	432.5772	24.837852	23.911722	23.104443	-0.17509614	-0.083345436	-0.20132253	-0.15192108	1083.5986	483.83136	905.5047	2472.9346
04-02-2022 22:53	49.940434	250.77098	259.00626	248.60522	440.96152	439.2608	433.36505	24.91895	23.899078	22.753796	-0.17397086	-0.0796956	-0.16270463	-0.13807042	1080.6287	480.7292	956.8756	2518.2334
04-02-2022 22:54	49.993145	250.7125	259.19687	248.67072	440.98233	439.34305	433.59912	25.026424	23.827517	22.764019	-0.17339402	-0.07533594	-0.1581346	-0.13505214	1074.6039	462.1785	881.91235	2418.6948
04-02-2022 22:55	50.011665	250.55179	259.45834	248.84247	441.18622	439.67816	433.5364	25.099815	24.66639	22.895348	-0.16985524	-0.045344394	-0.15315042	-0.12109524	1054.8553	288.91254	859.188	2202.956
04-02-2022 22:56	50.047726	250.74806	259.7632	248.39482	441.42	439.5831	433.48938	25.012962	24.732807	22.119333	-0.17105532	-0.051404603	-0.26791587	-0.14703052	1068.086	333.28693	1236.1903	2637.5632
04-02-2022 22:57	50.035297	251.32625	260.11057	248.61142	442.37473	439.91653	434.1805	25.105524	25.195011	21.792353	-0.17427154	-0.069588505	-0.22329856	-0.14996779	1083.6237	433.61203	1190.1981	2707.4338
04-02-2022 22:58	50.03741	251.05174	259.65823	248.70573	441.66223	439.80023	433.91254	25.102898	24.805347	22.357035	-0.17655288	-0.0504962	-0.20161013	-0.13961478	1098.3169	323.09705	1107.0927	2528.5063
04-02-2022 22:59	50.025818	251.35162	260.09668	249.23753	442.42398	440.521	434.6303	25.079166	24.76391	22.305752	-0.1759367	-0.05068994	-0.20077544	-0.13912943	1095.6453	325.04227	1100.4734	2521.161
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
04-02-2022 23:00	50.01758	250.48315	259.30975	249.57164	441.47403	439.8943	433.919	24.237946	24.777185	23.6292	-0.22959833	-0.045265332	-0.17017624	-0.1458668	1368.6096	280.89758	991.9519	2641.459
04-02-2022 23:01	50.042805	250.8398	259.81287	249.98691	442.06186	440.63196	434.79697	24.388165	24.884932	23.456535	-0.22707492	-0.045143742	-0.12856032	-0.13176885	1368.7446	289.72757	742.3896	2400.8618
04-02-2022 23:02	50.02401	250.20058	259.05594	249.0848	440.83615	439.45267	433.22876	24.243023	23.811743	23.403606	-0.22571996	-0.07144734	-0.12917481	-0.14164202	1349.0369	438.595	741.8039	2529.4358
04-02-2022 23:03	49.967216	250.17311	258.9062	248.848	440.58557	439.13596	433.077	24.194351	24.197199	23.321848	-0.22671026	-0.08827255	-0.12767346	-0.14601757	1354.8707	526.93933	723.53455	2605.3445
04-02-2022 23:04	49.948685	249.79044	258.61957	248.50903	439.99957	438.5895	432.46338	24.002672	24.102165	23.273602	-0.2270357	-0.085620254	-0.12855445	-0.14650518	1349.5889	529.3248	732.62085	2611.5344
04-02-2022 23:05	49.932533	250.12181	258.9568	248.58925	440.32495	439.1765	432.84808	24.092155	23.833263	23.211857	-0.22610283	-0.075480156	-0.13745071	-0.14571744	1343.7129	462.88495	781.3314	2587.9294
04-02-2022 23:06	49.920486	250.2904	259.06076	247.72336	440.66553	438.2991	432.3605	24.07424	23.721725	22.229137	-0.22133572	-0.07455347	-0.20452158	-0.16478314	1322.5635	451.99243	1100.3677	2874.9238
04-02-2022 23:07	49.93702	249.54385	259.2078	247.90207	440.2066	438.94022	431.4633	24.03491	23.732721	22.547974	-0.22318716	-0.074853666	-0.20608945	-0.16528337	1319.1321	446.86206	1117.6984	2883.6926
04-02-2022 23:08	49.933968	249.82462	259.5498	248.13097	440.7729	439.54614	431.77054	24.102724	23.596306	22.252007	-0.22141522	-0.06727046	-0.20131947	-0.16132459	1312.3213	410.16138	1093.8654	2816.348
04-02-2022 23:09	49.933434	249.86412	258.76935	248.42128	440.46744	438.9474	431.88882	24.117601	23.365824	23.261925	-0.22642517	-0.09464731	-0.12987244	-0.1503811	1349.3738	571.21875	733.8624	2654.455
04-02-2022 23:10	49.969868	249.90091	259.14584	248.80922	440.94833	439.47278	432.27106	24.12524	24.393225	23.298717	-0.22684292	-0.0704988	-0.13237002	-0.14204235	1353.6407	439.12573	756.35974	2549.1262
04-02-2022 23:11	50.009197	249.59811	258.86826	248.46036	440.214	438.99585	431.86963	24.166607	24.376585	23.529318	-0.22331612	-0.07132462	-0.18081196	-0.15666561	1326.5736	446.15405	1036.7797	2809.5073
04-02-2022 23:12	50.02343	249.46254	258.85605	247.95346	439.9498	438.47467	431.5192	24.211874	24.313984	23.319801	-0.22492282	-0.066228434	-0.13184392	-0.14027037	1339.5171	418.82187	751.37024	2509.7092
04-02-2022 23:13	50.045616	249.4784	258.61795	248.06526	439.94476	438.61942	431.19577	24.220127	24.306314	23.376581	-0.22412343	-0.06651767	-0.13341941	-0.14022638	1335.1776	415.99133	761.2755	2512.4443
04-02-2022 23:14	50.046257	249.5716	258.77982	247.96512	439.9457	438.6537	431.4249	24.238424	24.388657	23.308514	-0.2239486	-0.071056105	-0.13166419	-0.14116362	1334.326	448.73633	756.7799	2539.8423
04-02-2022 23:15	50.036278	249.17448	258.84537	247.5258	439.6315	438.1302	430.9267	24.211912	24.209272	22.301544	-0.22032969	-0.065121666	-0.17015807	-0.14991713	1308.2728	414.20813	1173.5487	2896.0298
04-02-2022 23:16	50.03694	249.28043	258.87036	247.72041	439.76172	438.4044	431.0874	24.159252	24.26674	21.232689	-0.219562	-0.07033606	-0.25080955	-0.17522371	1305.2733	421.92416	1296.9307	3024.1282
04-02-2022 23:17	50.036568	249.85738	258.88144	247.90936	440.29053	438.5097	431.7948	24.14753	23.546637	21.197464	-0.22179787	-0.10304143	-0.24896218	-0.18815283	1312.1194	625.54407	1282.7025	3220.3662
04-02-2022 23:18	50.000164	249.72296	258.81815	248.112	440.1327	438.6313	431.83844	24.149035	23.746794	21.361416	-0.21950142	-0.13929889	-0.2462428	-0.19938098	1310.9939	849.31024	1277.9159	3438.2202
04-02-2022 23:19	49.992523	249.9774	258.91437	248.4243	440.5511	438.94016	432.25955	24.167782	23.254568	22.241182	-0.22329803	-0.11181417	-0.16792649	-0.16755676	1330.737	671.1467	907.414	2909.2979
04-02-2022 23:20	49.981457	250.00826	258.80225	248.49596	440.42453	439.07822	432.2324	24.109175	23.372469	22.848635	-0.22825223	-0.115385935	-0.13859634	-0.1609972	1356.0476	693.9045	775.0398	2824.9922
04-02-2022 23:21	49.994217	250.07904	258.86368	248.37805	440.4052	439.20673	432.14944	24.073532	23.472916	22.789764	-0.22000806	-0.11897776	-0.13366278	-0.1578484	1307.3339	718.3328	744.3281	2769.9949
04-02-2022 23:22	50.01871	250.0953	258.85565	248.3655	440.30386	439.24185	432.20633	24.083727	23.474129	22.883373	-0.22038296	-0.11937528	-0.15822141	-0.16587614	1296.8358	720.34125	1020.97864	3038.1558
04-02-2022 23:23	50.001575	250.3284	259.17392	248.49886	440.8899	439.5457	432.5049	24.075489	23.354729	22.748226	-0.22047743	-0.11292635	-0.14021328	-0.1582754	1310.1433	686.41144	780.4595	2777.0142
04-02-2022 23:24	50.01413	250.53346	259.509	247.9587	441.10748	439.45966	432.37427	24.169735	23.390575	22.270508	-0.21678078	-0.11701025	-0.16134438	-0.16593368	1293.1372	712.5194	876.13885	2881.7954
04-02-2022 23:25	50.011456	250.19598	259.40408	247.82324	440.82944	439.02182	432.08813	24.133413	24.776423	21.683084	-0.21139504	-0.11580346	-0.28803644	-0.19982079	1259.675	746.9556	1464.004	3470.6348
04-02-2022 23:26	50.01828	250.59953	259.67294	248.40729	441.67584	439.5099	432.92877	24.18379	24.516745	21.297579	-0.213826	-0.10442143	-0.24197309	-0.18299076	1285.3663	659.21014	1257.6566	3202.233
04-02-2022 23:27	50.0492	250.97905	259.95084	248.98943	442.3501	440.32654	433.587	24.264505	24.453041	21.303003	-0.21164653	-0.09751309	-0.23628849	-0.17784494	1272.0209	617.621	1231.686	3121.328
04-02-2022 23:28	50.043705	251.02194	259.87747	249.4512	442.42816	440.42386	434.15137	24.28429	24.391731	22.239988	-0.21738008	-0.08584492	-0.16975863	-0.15609352	1307.5735	548.33936	915.72784	2771.6406
04-02-2022 23:29	50.041576	251.46057	260.00598	249.2143	442.75763	440.7104	434.11404	25.187687	24.44145	22.30156	-0.17057957	-0.09171	-0.20999078	-0.15472727	1058.1248	579.6365	1163.2714	2801.0327
04-02-2022 23:30	50.038097	251.19438	259.94934	249.09978	442.33698	440.69046	433.7972	25.144194	24.356956	22.36084	-0.17331709	-0.09041582	-0.15869534	-0.13985974	1073.6141	572.2546	873.20856	2519.0771
04-02-2022 23:31	50.028214	251.55566	260.16837	249.346	442.81665	440.95798	434.47733	25.115257	24.307411	22.355736	-0.17347462	-0.088125825	-0.15801603	-0.1389429	1085.805	550.059	868.6664	2504.5305
04-02-2022 23:32	50.033398	251.14473	259.8079	248.62126	441.9654	440.1318	433.56326	25.073168	23.703997	22.34517	-0.17278476	-0.1300905	-0.16460739	-0.1555998	1074.6691	807.87177	893.83813	2776.3792
04-02-2022 23:33	50.007347	250.9666	259.5509	248.53087	441.7205	439.7721	433.2589	25.041868	23.645905	22.271776	-0.17398599	-0.12781835	-0.15811539	-0.15423162	1081.9515	788.2156	857.8784	2728.0457
04-02-2022 23:34	50.00435	251.3055	259.601	249.12065	442.1285	440.3288	433.98706	25.065212	23.378494	22.221611	-0.17333892	-0.11417982	-0.15690771	-0.14712982	1077.3569	658.9084	860.3942	2596.6597
04-02-2022 23:35	50.002518	251.3248	259.855	248.98718	442.29446	440.50726	433.8878	25.01926	23.49576	22.234379	-0.17273484	-0.097818725	-0.19183953	-0.15295237	1069.9028	589.33435	1040.6224	2699.8596
04-02-2022 23:36	50.008648	251.27213	259.79123	249.11096	442.2617	440.54993	433.89093	25.059895	23.761063	23.110783	-0.17548122	-0.06993772	-0.20171559	-0.14776023	1089.9862	429.68765	1143.7921	2663.4658
04-02-2022 23:37	49.99547	251.04047	259.47974	248.84598	441.7845	440.13965	433.37988	24.210674	23.902845	22.770254	-0.22531514	-0.07350639	-0.1600802	-0.15201181	1350.882	453.63986	892.80237	2697.3242
04-02-2022 23:38	50.01185	250.97646	259.6148	249.24675	442.0325	440.524	433.56665	24.26595	24.003448	23.957527	-0.22872958	-0.07230031	-0.09465263	-0.131488	1371.4036	458.33594	558.0061	2387.7456
04-02-2022 23:39	49.98114	250.67319	259.46472	249.16719	441.72006	440.36502	433.1178	24.201725	24.501383	23.936203	-0.22918244	-0.08979227	-0.098164804	-0.13847846	1369.9965	562.8048	576.447	2509.2483
04-02-2022 23:40	49.971718	250.90639	259.49258	249.08173	442.14426	440.13376	433.22974	24.312576	25.36402	23.808266	-0.22667749	-0.06933218	-0.10104553	-0.13092403	1354.0725	418.2301	824.95514	2597.2578
04-02-2022 23:41	49.982536	251.17978	259.8497	248.54517	442.23553	440.30267	433.13446	24.240282	25.01725	23.81777	-0.22602949	-0.050066747	-0.102391794	-0.12468243	1357.2168	335.7428	588.4275	2281.387
04-02-2022 23:42	50.017403	251.25815	259.95612	249.56166	442.76407	440.91122	434.0733	24.309446	24.844343	23.994225	-0.22381791	-0.044058383	-0.11005575	-0.12430402	1348.6694	283.03174	649.95667	2281.658
04-02-2022 23:43	50.042423	251.25758	259.9586	249.87483	442.84393	441.12723	434.3216	24.372694	24.959698	23.990353	-0.22651955	-0.04575117	-0.09533561	-0.1209969	1362.0247	287.9711	557.2285	2207.2244
04-02-2022 23:44	50.02917	251.46776	260.29507	249.63031	443.2682	441.13693	434.4126	24.400492	24.92833	22.876785	-0.22108217	-0.046438772	-0.16770688	-0.1424145	1337.1372	293.8725	949.661	2581.421
04-02-2022 23:45	50.006683	251.13724	259.9283	249.03447	442.44315	440.6256	433.51242	24.303226	24.690796	22.762358	-0.2205291	-0.041247703	-0.16029865	-0.13831548	1329.3647	263.0038	896.0279	2488.3965
04-02-2022 23:46	50.003246	251.48792	260.1869	249.14316	442.934	440.9174	433.9727	24.230536	24.801094	22.71078	-0.22235915	-0.049200144	-0.16639265	-0.14317152	1337.7087	316.88486	927.1466	2581.7402
04-02-2022 23:47	49.983063	251.06136	259.94867	249.45189	442.5274	440.81546	433.86194	24.231329	25.045456	24.093735	-0.22410236	-0.0562385	-0.14759181	-0.1402602	1348.6309	352.60278	878.8117	2580.0452
04-02-2022 23:48	49.975147	251.38663	259.8165	249.47545	442.62665	440.7743	434.1762	24.215773	23.931606	23.93069	-0.22783798	-0.072240226	-0.09425246	-0.13120478	1365.1282	450.12427	557.557	2372.8096
04-02-2022 23:49	49.982536	251.41899	259.73618	249.4097	442.6249	440.8242	433.935	24.232885	23.974026	23.96148	-0.22831213	-0.07139048	-0.093453795	-0.13049404	1367.2188	441.96857	549.7764	2358.9639
04-02-2022 23:50	49.954544	251.41624	259.9058	249.34865	442.8058	440.57263	434.18478	24.198301	23.951324	24.17337	-0.22791433	-0.074720696	-0.13721769	-0.14584851	1366.9636	473.12445	728.88617	2568.9744
04-02-2022 23:51	49.992588	251.14532	259.8401	249.76118	442.52914	441.01086	434.15546	24.295849	23.931969	23.980404	-0.22551969	-0.07071186	-0.09554135	-0.1302281	1352.0519	435.75485	561.64984	2349.4565
04-02-2022 23:52	50.000423	251.52579	260.0485	249.91647	443.0114	441.30695	434.66476	24.287304	24.059448	23.91247	-0.2270643	-0.0739687	-0.09981669	-0.13326976	1367.9302	460.02924	588.12854	2416.088
04-02-2022 23:53	50.018684	252.11884	260.2648	249.90523	443.7187	441.59247	435.05707	24.319923	24.004238	23.927114	-0.22612773	-0.07306481	-0.099540174	-0.13210806	1368.678	441.6914	586.14935	2396.5188
04-02-2022 23:54	50.02958	252.012	260.37497	249.71849	443.61243	441.63846	434.80203	24.246147	24.329865	22.863281	-0.22370331	-0.1030439	-0.1652319	-0.16296385	1350.6407	652.5084	925.9574	2929.1064

04-02-2022 23:55	50.041954	251.91318	260.55383	249.52248	443.62152	441.5132	434.71707	24.325043	24.781826	22.902033	-0.22136188	-0.04306895	-0.16770528	-0.14134932	1339.6338	276.35333	946.88464	2562.8716
04-02-2022 23:56	50.027065	251.80878	260.332	249.34535	443.37112	441.158	434.45087	24.244194	24.645628	22.918913	-0.22341365	-0.036728427	-0.16815467	-0.13998029	1345.0035	235.1276	947.22424	2527.3555
04-02-2022 23:57	50.03566	252.15198	260.677	249.85013	444.0478	441.96982	435.03094	24.315702	24.778	24.072575	-0.22505704	-0.03620801	-0.09972387	-0.11870481	1358.0911	233.92227	584.1864	2176.1997
04-02-2022 23:58	50.0591	252.42787	261.23773	249.86679	444.75342	442.3185	435.45572	24.328993	24.892939	24.21995	-0.22327676	-0.040764745	-0.14450191	-0.1340204	1355.6908	215.1921	618.0842	2188.967
04-02-2022 23:59	50.050575	252.98117	261.8096	250.82513	445.83344	443.4953	436.80392	24.41603	25.02451	24.04	-0.22316346	-0.04240168	-0.10552679	-0.12200531	1367.2205	261.51715	622.8635	2244.7263
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
05-02-2022 00:00	50.057915	253.59633	262.1585	251.57669	446.57562	444.546	437.97903	24.46779	24.932232	24.162868	-0.21735784	-0.036092114	-0.099038504	-0.115912676	1329.7397	233.28293	590.9921	2154.0146
05-02-2022 00:01	50.05466	254.89499	263.15872	252.78961	448.93683	446.2724	439.97552	24.49051	25.42714	24.219547	-0.2226374	-0.07570111	-0.09815888	-0.13187723	1369.8284	528.4824	597.9818	2496.2927
05-02-2022 00:02	50.03459	256.73486	265.0089	254.26178	451.79855	449.4523	442.87665	24.593811	25.54228	24.360405	-0.22438073	-0.07282445	-0.0969987	-0.13006897	1390.1577	475.1799	596.73566	2462.0732
05-02-2022 00:03	50.03121	256.2254	264.44543	253.06218	450.4691	448.0732	441.6462	24.502337	24.107948	22.631138	-0.21875213	-0.08872095	-0.19265535	-0.1641601	1350.8458	537.3783	1084.2277	2972.4517
05-02-2022 00:04	49.99581	253.72809	262.02963	250.73216	446.3302	443.9376	437.37793	24.3106	23.896545	22.312508	-0.21811776	-0.08735803	-0.19634825	-0.16564545	1315.218	542.1078	1081.3312	2942.782
05-02-2022 00:05	49.95815	252.38197	260.72028	249.2393	444.05466	441.50662	434.90164	24.979351	23.836288	22.597723	-0.17304796	-0.09164981	-0.23905055	-0.16540375	1075.8917	566.3918	1325.2063	2967.4897
05-02-2022 00:06	49.946053	251.50865	259.50003	248.74661	442.515	440.0044	433.4643	25.008478	23.79644	23.391592	-0.17794064	-0.08493009	-0.12346763	-0.12905528	1095.2239	516.02875	702.82275	2314.0754
05-02-2022 00:07	49.929523	250.64627	258.97543	246.47543	440.42163	437.78925	431.42853	24.719465	23.673576	22.73638	-0.16661681	-0.10147811	-0.44787723	-0.23169336	1009.8002	619.03827	2440.1697	4067.7583
05-02-2022 00:08	49.942394	249.52345	257.60065	247.01314	438.95392	436.89203	430.40234	24.866638	24.334623	22.412884	-0.17415394	-0.11957633	-0.16670962	-0.14996175	1068.216	686.93085	896.3125	2651.4595
05-02-2022 00:09	49.933636	249.23956	257.42502	246.95515	438.7059	436.3711	430.27148	24.93906	23.9711	22.088205	-0.1714016	-0.09854313	-0.16484462	-0.14412157	1053.9878	604.7737	883.1089	2541.8704
05-02-2022 00:10	49.949486	249.48866	257.85034	246.81116	439.00525	436.94717	430.3189	24.937819	24.043526	22.037098	-0.17158172	-0.08522184	-0.17073962	-0.14110531	1052.1254	526.7782	914.4087	2493.3123
05-02-2022 00:11	49.92743	249.59114	258.02402	246.86205	439.26965	436.95456	430.61124	24.869406	23.816715	21.671104	-0.17140116	-0.066951066	-0.1979027	-0.14297907	1049.9536	408.18994	1042.0514	2500.195
05-02-2022 00:12	49.958183	248.98894	257.69476	245.73114	438.36447	435.8775	429.02945	24.747929	24.010584	21.229591	-0.16899285	-0.09102337	-0.32805002	-0.1746798	1032.3843	541.2109	1443.424	3017.019
05-02-2022 00:13	49.96299	249.59137	258.65387	246.99835	439.90094	437.68802	430.58322	24.070082	24.086521	20.714573	-0.2171892	-0.08216081	-0.27621093	-0.18580431	1284.8254	507.4386	1388.456	3180.7202
05-02-2022 00:14	49.963886	249.80066	258.79346	246.95628	440.069	437.80383	430.82877	24.05752	23.932419	20.761543	-0.21756102	-0.08074094	-0.27425614	-0.18496813	1288.3885	498.1491	1382.3346	3168.872
05-02-2022 00:15	49.978428	249.57993	258.41592	247.42189	439.89227	437.6845	430.89325	24.167028	24.455635	21.217503	-0.21788707	-0.09676171	-0.2539302	-0.18487462	1294.3866	606.6939	1310.371	3211.4514
05-02-2022 00:16	49.96826	249.97441	259.015	247.94472	440.81512	438.58606	431.69632	24.150255	24.575832	22.139599	-0.22484025	-0.101175144	-0.17898712	-0.16659933	1338.6261	639.64417	966.2359	2944.5063
05-02-2022 00:17	49.967945	249.91377	258.77264	248.00188	440.61902	438.49924	431.55396	24.181097	24.271772	22.342627	-0.22236064	-0.08488092	-0.18954846	-0.16359435	1326.563	543.1049	1045.2699	2914.9377
05-02-2022 00:18	49.96364	250.01198	258.5557	247.70634	440.49194	438.2188	431.24646	24.138554	23.55304	22.205494	-0.22363213	-0.09683416	-0.1685373	-0.1624512	1332.0278	587.92535	915.3144	2835.2676
05-02-2022 00:19	49.988865	250.02739	258.54892	247.99985	440.53955	438.32553	431.61115	24.080585	23.52379	22.502024	-0.22364214	-0.09173649	-0.21223922	-0.174447	1329.5215	554.44617	1161.9036	3045.8713
05-02-2022 00:20	49.96087	249.94066	258.5124	247.86656	440.31302	438.2301	431.488	24.138554	23.565825	22.173527	-0.22413924	-0.09526304	-0.16881216	-0.16218054	1340.9075	581.9782	915.87213	2835.8518
05-02-2022 00:21	49.960896	249.9262	258.5277	247.96556	440.21646	438.3978	431.5884	24.137781	23.311234	22.243376	-0.22351564	-0.09028064	-0.16825862	-0.16024199	1330.0365	540.67004	908.4569	2779.163
05-02-2022 00:22	49.925556	249.93825	258.61685	247.64922	440.18842	438.17395	431.46722	24.007095	23.686737	21.42267	-0.22123164	-0.110471606	-0.29076245	-0.19153129	1311.0613	723.8519	1267.9514	3302.8647
05-02-2022 00:23	49.965347	250.05928	258.82947	248.20708	440.7217	438.696	431.9566	24.135017	23.778927	21.192549	-0.22174002	-0.11372716	-0.24116427	-0.19324741	1319.4783	754.5167	1251.4236	3325.4187
05-02-2022 00:24	49.97352	250.11131	259.404	247.88248	441.02448	438.84222	432.0305	24.132654	23.679344	21.22731	-0.2195285	-0.109100744	-0.2406347	-0.18289563	1309.3138	594.3342	1239.8811	3143.529
05-02-2022 00:25	49.990402	250.19815	259.5523	248.18434	441.25058	439.15106	432.42325	24.246109	24.319378	22.298517	-0.22048208	-0.0704051	-0.17076948	-0.15194838	1312.9108	411.3192	932.516	2656.746
05-02-2022 00:26	49.9916	250.46066	259.17538	248.26773	441.30475	439.19193	432.28055	24.147871	24.35689	22.517569	-0.22273389	-0.07368769	-0.2063072	-0.164877	1333.1462	471.0226	1143.3474	2947.5166
05-02-2022 00:27	49.98309	250.31256	259.01782	247.96716	441.1034	438.77396	431.85202	24.247282	24.243021	22.216513	-0.21955784	-0.06849059	-0.16736136	-0.15003526	1313.1982	420.2738	913.52606	2646.998
05-02-2022 00:28	50.004353	250.23454	258.8319	248.05186	440.84116	438.70187	431.8731	24.263992	24.251158	23.230783	-0.22199683	-0.06689417	-0.13700481	-0.14086236	1326.8756	418.75626	777.8614	2523.4934
05-02-2022 00:29	49.97618	250.3879	258.92117	248.28561	441.0561	438.9953	432.189	24.232122	24.26593	23.315744	-0.2235936	-0.06501157	-0.13064861	-0.13863982	1334.5283	406.2497	744.7973	2485.5752
05-02-2022 00:30	50.001057	250.28821	258.88678	248.299	441.08215	438.94183	432.00964	24.216516	24.697273	23.164135	-0.22643688	-0.095621936	-0.12698829	-0.1487849	1351.6193	610.9744	721.4233	2684.017
05-02-2022 00:31	50.008144	250.22363	259.12354	248.14287	441.07568	438.86584	432.11676	24.176365	24.288391	22.217354	-0.22072439	-0.06868254	-0.20000233	-0.16046216	1316.2305	429.3578	1084.4188	2830.007
05-02-2022 00:32	50.038002	250.05788	258.9442	248.1136	440.82526	438.72256	431.8631	24.213081	24.276058	22.248476	-0.22113782	-0.06564372	-0.19830102	-0.15904832	1318.7365	409.9427	1076.2739	2804.9531
05-02-2022 00:33	50.026867	249.84834	259.01157	247.68153	440.32968	438.3735	431.7065	24.123508	23.398655	22.5134	-0.22091715	-0.099562965	-0.2396554	-0.18486056	1310.3352	600.4807	1314.6418	3225.4578
05-02-2022 00:34	50.02494	250.3929	259.25473	248.05847	441.13214	439.04126	432.25845	24.19901	23.985426	23.267834	-0.22407594	-0.079158455	-0.13099125	-0.1442076	1337.9436	488.9201	744.48517	2571.3489
05-02-2022 00:35	50.01594	250.26643	258.94055	248.20941	440.6785	439.05832	432.19104	24.181053	23.906002	23.340858	-0.22558005	-0.073528364	-0.12775879	-0.14176837	1340.6514	479.2973	730.0171	2549.9658
05-02-2022 00:36	49.979343	250.15529	258.73984	248.19911	440.705	438.71817	431.9492	24.145542	23.890263	23.546612	-0.2216546	-0.074779235	-0.17191893	-0.15508492	1324.2267	460.42392	741.4678	2526.1184
05-02-2022 00:37	49.992958	250.78719	258.9911	248.62935	441.61667	439.34866	432.68344	24.220802	24.549341	23.281622	-0.2203606	-0.09618323	-0.12566084	-0.14690104	1325.6033	571.59705	710.1855	2603.667
05-02-2022 00:38	50.00245	250.78966	258.9946	248.7522	441.6816	439.47656	432.7144	24.207556	23.940619	23.936188	-0.22137655	-0.06788618	-0.09407234	-0.12743771	1324.9797	417.95953	551.47656	2294.4158
05-02-2022 00:39	49.987106	250.43141	258.67093	248.71652	441.2652	438.95886	432.40292	24.184555	23.886696	23.899021	-0.22146162	-0.069738075	-0.094881915	-0.1283175	1321.3494	428.6853	555.2101	2305.2446
05-02-2022 00:40	50.01578	250.68141	259.33548	248.37189	441.75195	439.28745	432.578	24.161541	24.765026	23.016064	-0.21495426	-0.04491343	-0.21560891	-0.15481173	1275.2045	279.3801	1029.1963	2582.9685
05-02-2022 00:41	50.003586	251.25633	259.96625	247.2136	442.1037	439.15958	432.43784	24.872166	24.566204	22.479307	-0.16350861	-0.05865366	-0.4640469	-0.21783252	1009.6832	362.52344	2535.6094	3907.8162
05-02-2022 00:42	50.010403	251.20184	259.8097	247.63707	442.12643	439.35175	432.59167	25.117474	24.818554	22.250114	-0.1677874	-0.05764839	-0.18950568	-0.13511458	1042.0841	369.98676	1028.5101	2440.581
05-02-2022 00:43	50.01073	251.39297	259.4492	248.62546	442.35587	439.8434	433.28638	25.085909	24.673637	23.408833	-0.17481247	-0.068592876	-0.121903315	-0.12130998	1087.8135	450.5891	699.40643	2237.809
05-02-2022 00:44	49.995464	251.33878	259.3933	248.6073	442.20178	439.77414	433.28586	25.07048	25.139963	23.328289	-0.17695323	-0.0871808	-0.12263216	-0.12844151	1100.1189	563.0948	700.92035	2364.1343
05-02-2022 00:45	49.963264	250.98328	259.05502	248.30783	441.51077	439.25586	432.773	25.060385	25.112305	23.295486	-0.17596914	-0.08555626	-0.12396074	-0.12804835	1091.6106	567.03864	714.3161	2370.4653
05-02-2022 00:46	49.976833	250.9688	259.06366	248.11107	441.52234	439.1403	432.52896	25.108097	24.709482	23.277166	-0.17244309	-0.066661984	-0.12976392	-0.1223081	1071.3854	423.96655	738.26874	2233.6208
05-02-2022 00:47	49.998566	251.19734	259.41495	248.86768	442.1637	439.87103	433.4678	25.088535	24.727741	23.730637	-0.17256032	-0.06835956	-0.18287465	-0.13969295	1072.3304	436.2939	1063.1047	2571.729
05-02-2022 00:48	50.0168	251.32909	259.15912	249.00821	442.20325	439.7518	433.57507	25.137003	23.877249	23.447994	-0.17527486	-0.09554516	-0.124189965	-0.13200527	1099.5325	595.5163	714.81604	2406.646
05-02-2022 00:49	50.01545	251.01663	259.1136	248.85107	441.81772	439.65433	433.1673	24.227825	23.721426	23.389435	-0.22651052	-0.08737675	-0.12586118	-0.14627829	1349.8407	536.3717	723.49066	2609.7031
05-02-2022 00:50	50.02504	251.15855	259.3373	248.24785	441.97375	439.38284	432.87488	24.241852	23.79632	22.273502	-0.21996127	-0.09706732	-0.20093052	-0.17112456	1318.0311	590.80676	1061.5651	2970.4028
05-02-2022 00:51	50.02227	251.51561	259.78348	248.42053	442.76758	439.79453	433.36188	24.236004	24.251179	22.278166	-0.21824333	-0.111178845	-0.19216734	-0.17237887	1308.733	695.0745	1044.7178	3048.5254
05-02-2022 00:52	50.020264	251.48024	259.64096	248.76945	442.64838	439.98325	433.58557	24.236786	24.294998	22.158125	-0.22097768	-0.11048824	-0.19869934	-0.17508957	1328.3972	691.0364	1078.821	3098.2546
05-02-2022 00:53	50.00746	251.4065	259.34982	249.04405	442.4251	440.06018	433.5746	24.241436	23.827911	23.86457	-0.22580825	-0.08707517	-0.10380851	-0.1387752	1355.7847	531.8383	612.827	2500.45
05-02-2022 00:54	49.985504	251.45032	259.29227	249.11919	442.484	440.1083	433.57465	24.198994	23.996393	24.092945	-0.2271528	-0.09842908	-0.1401857	-0.15454285	1360.299	610.1624	829.37897	2799.8403
05-02-2022 00:55	49.992855	251.52385	259.46304	249.41531	442.63846	440.42764	434.03363	24.221972	23.882362	23.944489	-0.22698018	-0.08799787	-0.1005238	-0.13900433	1356.3527	564.7209	592.1143	2513.188
05-02-2022 00:56	50.00418	251.58202	259.7792	249.46043	442.9962	440.63828	434.19302	24.309822	24.801476	24.02414	-0.22653529	-0.06379306	-0.10265376	-0.12988403	1368.7653	409.6399	606.17426	2384.5796
05-02-2022 00:57	49.98746	251.92499	260.10547	249.84679	443.53333	441.23517	434.8854	24.316425	24.732319	24.02651	-0.22648972	-0.06211332	-0.09940197	-0.12758867	1361.4048	394.32742	586.3068	2342.0388
05-02-2022 00:58	49.97198	252.46826	260.51004	250.03134	444.2278	441.85837	435.5298	24.317623	25.242752	23.910927	-0.22725144	-0.08387324	-0.11150882	-0.13911113	1377.2136	531.8013	659.2182	2568.233
05-02-2022 00:59	50.023468	253.62912	261.70728	250.84067	446.1522	443.54727	437.4015	24.360237	25.261745	22.862293	-0.22528131	-0.08775788	-0.17118588	-0.160568	1372.2227	600.145	967.8527	2940.2202
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
05-02-2022 01:00	50.040115	254.00786	262.46365	250.73683	446.93665	444.23917	437.71588	24.438	25.044018	22.982822	-0.22230051	-0.053031925	-0.16529582	-0.14425151	1359.2046	346.84125	937.7306	2643.7764
05-02-2022 01:01	50.05406	255.88579	263.99042	252.48398	450.04907	447.03494	440.73184	24.441536	25.004206	23.464245	-0.22483313	-0.04601399	-0.20754962	-0.14341061	1385.0093	298.84152	960.1837	2644.0344
05-02-2022 01:02	50.065456	255.65378	264.11984	253.04176	449.96655	447.50946	441.1234	24.598576	25.341185	23.228142	-0.2243599	-0.05586061	-0.13497604	-0.13648006	1388.1898	375.14206	776.79474	2540.1267
05-02-2022 01:03	50.0535	255.41795	263.98044	252.92471	449.821	447.3214	440.60968	24.535538	25.2007	23.320469	-0.2245435	-0.0503618	-0.15402853	-0.14056821	1385.6111	332.85284	892.57623	2611.0403
05-02-2022 01:04	50.046978	254.96017	263.2861	252.24948	448.72205	446.26004	439.60446	24.52665	24.264462	23.230076	-0.22328085	-0.07766721	-0.1582251	-0.15217961	1369.0178	485.33936	921.0064	2775.3635
05-02-2022 01:05	50.004353	254.4913	262.81055	251.25218	447.70926	445.14307	438.3732	24.358276	24.126251	23.093178	-0.2247898	-0.07263131	-0.15796159	-0.1507949	1369.5856	489.96753	904.0725	2763.6255
05-02-2022 01:06	50.025593	253.10689	261.47467	250.21486	445.38403	443.05157	436.27972	24.342812	24.413652	22.922615	-0.22458339	-0.0895284	-0.13382027	-0.14882408	1360.1052	556.61426	745.5443	2662.2637
05-02-2022 01:07	49.990997	252.66989	260.8561	249.5397	444.3799	442.0859	435.2524	24.257	23.894579	22.945278	-0.22730812	-0.108204946	-0.13275324	-0.15524767	1366.9355	650.80286	745.6897	2763.428
05-02-2022 01:08	49.994564	252.16397	260.73416	248.37553	443.56595	440.91525	434.13312	24.124023	23.750362	22.181145	-0.22062321	-0.11116549	-0.25258675	-0.19216631	1320.4114	685.8398	1371.3018	3377.5532
05-02-2022 01:09	49.958878	251.17291	259.9982	248.85909	442.4895	440.2002	433.7636	24.19633	23.31608	21.775856	-0.2199103	-0.09054379	-0.20556916	-0.16956282	1307.558	551.8552	1083.1201	2942.5332
05-02-2022 01:10	49.9834	251.49364	260.2336	248.98463	442.87027	440.63263	434.1318	24.198606	23.495373	21.756683	-0.22244522	-0.0948645	-0.21166378	-0.17450713	1330.814	577.61597	1128.249	3036.6787
05-02-2022 01:11	49.976383	251.34564	260.23898	249.3699	443.0566	440.85416	434.14734	24.276075	24.456417	22.765297	-0.223125	-0.06781868	-0.13764715	-0.1426491	1338.6876	458.4843	771.72546	2568.8975
05-02-2022 01:12	49.960266	251.22662	259.85837	249.22229	442.843	440.37738	433.7188	24.232552	24.621826	22.79398	-0.22423129	-0.06997742	-0.13507286	-0.14192973	1345.2467	442.93057	754.99304	2543.1704
05-02-2022 01:13	49.978462	250.79854	259.47403	248.60445	442.05096	439.67502	432.73956	24.266348	24.726627	22.805555	-0.22424985	-0.07795616	-0.12965882	-0.14307047	1346.3694	493.4343	722.45996	2562.2634
05-02-2022 01:14	50.0053	251.29387	260.02933	249.0541	442.88748	440.62454	433.55292	23.943481	24.466	23.14636	-0.2078117	-0.08767048	-0.53312916	-0.2677217	1231.876	555.05884	3003.189	4790.124
05-02-2022 01:15	50.043877	251.26328	260.04343	249.28542	443.00708	440.82278	433.60822	24.26019	24.548662	23.064985	-0.21778034	-0.068957366	-0.14332648	-0.14204986	1310.0535	437.42358	803.8638	2551.3406
05-02-2022 01:16	50.05604	251.68742	260.32153	249.64148	443.84845	441.13654	434.28485	24.30339	24.388443	22.834272	-0.21980335	-0.061162252	-0.13565841	-0.13758406	1323.1508	387.462	761.17487	2471.7876
05-02-2022 01:17	50.031193	251.27766	260.23123	249.05469	443.11133	440.50763	433.76578	25.18166	24.487206	22.851566	-0.1730064	-0.066202484	-0.13678688	-0.1240132	1078.0784	407.82367	766.5313	2252.433
05-02-2022 01:18	50.01664	251.073	259.51456	248.73132	442.43317	439.2679	433.51804	25.190983	24.372738	21.79013	-0.1716687	-0.06786303	-0.2016559	-0.1439778	1068.2467	425.0725	1076.4911	2569.81
05-02-2022 01:19	50.006374	251.57631	259.88596	249.24448	443.0116	440.4769	434.13962	25.101315	23.639534	21.827847	-0.1736797	-0.0991846	-0.20238255	-0.15669067	1078.0773	640.63605	1319.9684	3038.6816

05-02-2022 01:20	50.00065	251.36125	259.58023	248.44615	442.43234	439.6839	433.23105	25.084398	24.169518	21.270016	-0.17284575	-0.12471244	-0.23569293	-0.1744717	1072.9554	722.8934	1213.772	3009.621
05-02-2022 01:21	49.980118	251.70021	259.7972	249.3204	443.08902	440.63058	434.10358	25.117489	23.715479	22.330742	-0.17564218	-0.10057296	-0.1520517	-0.1424304	1091.9293	614.474	832.9699	2539.373
05-02-2022 01:22	49.98793	251.70634	259.58984	249.32742	442.95496	440.4658	434.0649	25.099068	23.824364	23.520882	-0.17576055	-0.10265535	-0.16624384	-0.14801489	1093.3824	628.09546	959.6178	2681.0957
05-02-2022 01:23	49.999187	251.63844	259.8506	249.59738	443.06522	440.8241	434.3955	25.115023	23.615234	23.38174	-0.17637056	-0.09195478	-0.117832795	-0.12927374	1098.3328	560.49994	677.87317	2336.706
05-02-2022 01:24	50.021255	251.09686	259.59668	249.80936	442.7523	440.54987	433.97168	24.256626	23.58774	23.373268	-0.22462304	-0.088612646	-0.11823206	-0.14393082	1349.0905	539.58093	679.96	2568.6316
05-02-2022 01:25	50.057804	251.65956	260.09097	248.59335	442.9651	440.40656	433.63397	24.107359	23.524727	22.921904	-0.2170109	-0.10157038	-0.42931786	-0.24463992	1295.7086	617.2943	2404.8164	4317.8193
05-02-2022 01:26	50.0176	251.33636	259.83282	249.34912	443.0376	440.38016	433.8861	24.19764	24.425974	23.538172	-0.22119594	-0.08414623	-0.14631023	-0.14947921	1328.4705	531.1672	845.3701	2705.0076
05-02-2022 01:27	50.011948	251.4351	259.8802	248.99919	442.92606	440.30026	433.72638	24.251942	24.807175	21.682648	-0.21515097	-0.10408378	-0.23255645	-0.1803579	1292.8993	663.7224	1235.4557	3192.0774
05-02-2022 01:28	50.011868	251.49248	259.7204	248.7164	442.7096	440.00534	433.5699	24.208729	24.677452	21.662577	-0.21835905	-0.09772974	-0.23113084	-0.17881466	1306.9305	682.78925	1221.3237	3211.0437
05-02-2022 01:29	50.01822	251.77116	259.97006	248.85345	443.22247	440.38922	433.82864	24.185736	24.575027	22.09614	-0.21835087	-0.093346395	-0.2647801	-0.18786868	1309.2565	597.67145	1436.1815	3343.1091
05-02-2022 01:30	50.016716	251.53217	259.61963	249.04486	442.85248	440.21646	433.68	24.218866	24.360764	22.733685	-0.22314088	-0.08018504	-0.15170848	-0.15073355	1341.5078	502.8454	847.33496	2691.6882
05-02-2022 01:31	50.008263	252.04349	260.15475	249.61646	443.76	441.1574	434.6334	24.344332	24.778698	23.415289	-0.22223347	-0.05963681	-0.12594485	-0.13468248	1346.059	382.3601	725.88776	2454.307
05-02-2022 01:32	50.028034	252.13652	260.20923	250.07056	443.9958	441.4653	435.12817	24.331972	24.739582	23.44036	-0.22539054	-0.055285	-0.13226935	-0.13587102	1358.6298	354.54636	764.49554	2477.6716
05-02-2022 01:33	50.02226	252.20477	260.70914	250.26645	444.56088	441.96436	435.38992	24.354813	24.891659	23.329527	-0.22632344	-0.062701054	-0.13669176	-0.15202041	1363.0088	430.50046	985.14905	2778.6584
05-02-2022 01:34	50.041843	252.10457	260.50677	249.80775	444.01724	441.57217	435.00684	24.27146	24.350784	23.306057	-0.22664645	-0.105423905	-0.13697723	-0.15595938	1361.2482	668.65295	791.6517	2821.5527
05-02-2022 01:35	50.035538	252.22224	260.3539	249.67203	444.01624	441.473	434.8138	24.293966	24.16395	23.468597	-0.22663824	-0.10446333	-0.13372892	-0.15458214	1367.9526	655.2179	773.1533	2796.3237
05-02-2022 01:36	50.02032	252.1419	260.55716	249.39932	443.99875	441.40195	434.64426	24.206789	24.047104	22.704134	-0.22212404	-0.10097295	-0.24492075	-0.1869056	1337.2656	628.9714	1364.6804	3330.9175
05-02-2022 01:37	50.02501	252.05197	260.45535	249.39633	443.73294	441.40204	434.57132	24.232122	24.091534	22.29642	-0.22370565	-0.10002619	-0.19811718	-0.17232658	1348.7969	601.60944	1093.8594	3044.2654
05-02-2022 01:38	50.018253	252.1621	260.62402	249.48528	443.8962	441.69766	434.74954	24.198217	23.956747	22.316753	-0.22388789	-0.095396936	-0.19787186	-0.17079838	1350.0078	604.8209	1084.5735	3039.402
05-02-2022 01:39	50.004574	252.0989	260.22726	249.68933	443.6645	441.38126	434.8503	24.251549	23.843706	23.334772	-0.22521013	-0.08690741	-0.13287753	-0.14807421	1358.2466	543.5582	781.47754	2683.2825
05-02-2022 01:40	50.01212	252.03503	260.20645	249.72362	443.6281	441.30963	434.86996	24.291195	23.771759	23.417719	-0.22421122	-0.07979109	-0.1301352	-0.14450829	1353.3674	491.07205	749.6497	2594.0894
05-02-2022 01:41	50.00251	251.8743	260.07468	249.75587	443.63486	441.02414	434.69827	24.376858	25.228537	23.379717	-0.225353	-0.07374437	-0.13034745	-0.14165665	1368.539	570.7224	760.1077	2699.369
05-02-2022 01:42	50.026394	252.11139	260.4854	249.76643	444.13272	441.40198	434.9652	24.346304	25.348793	23.386223	-0.22343554	-0.059275575	-0.13526458	-0.2725629	1271.2023	484.98212	3223.2505	4979.4346
05-02-2022 01:43	50.001663	252.30978	260.68173	249.27126	444.1589	441.31897	434.8497	24.260103	24.923378	23.62919	-0.22356011	-0.043189958	-0.16674143	-0.13015929	1351.8635	274.46085	756.385	2382.7095
05-02-2022 01:44	50.017483	252.25494	260.4908	249.52296	444.0475	441.38455	434.90488	24.286156	25.20317	23.336002	-0.22335367	-0.052849207	-0.13728043	-0.13563897	1349.4336	343.80582	788.5271	2481.7666
05-02-2022 01:45	50.0128	252.56805	260.81146	249.84308	444.58447	441.939	435.4653	24.3993	24.953957	23.450815	-0.22213855	-0.045688935	-0.1295567	-0.13052969	1347.7058	296.28665	746.5573	2390.5498
05-02-2022 01:46	50.040073	252.51642	260.9295	249.84816	444.805	441.7273	435.5784	24.398209	24.87734	22.356615	-0.2180501	-0.04053959	-0.20018692	-0.14902312	1323.8638	261.63913	1099.6738	2685.1768
05-02-2022 01:47	50.041313	252.63297	261.23633	250.18158	445.0599	442.2958	436.06348	24.357584	24.862965	22.484434	-0.21901233	-0.03961545	-0.208704	-0.15170377	1328.6952	255.8559	1155.4694	2740.0205
05-02-2022 01:48	50.032604	252.63939	261.10687	250.23444	445.0998	442.29843	435.90283	24.329262	24.886383	22.400112	-0.22077067	-0.039394308	-0.199525	-0.14928478	1338.545	254.72777	1100.6415	2693.914
05-02-2022 01:49	50.03346	252.65173	260.73013	250.4747	444.76697	442.38065	435.9368	24.381947	24.49259	23.37249	-0.22483599	-0.08137606	-0.13355492	-0.14592665	1364.9292	514.05084	769.44086	2648.421
05-02-2022 01:50	50.0191	252.62326	260.55905	250.08138	444.52203	442.06244	435.47604	24.286156	24.028145	23.737423	-0.2248135	-0.06793297	-0.17135467	-0.15362933	1359.3345	423.2608	1000.7663	2783.3616
05-02-2022 01:51	50.034042	252.80186	260.83908	250.15259	444.75156	442.3544	435.87012	24.31997	23.964645	23.482702	-0.22517028	-0.06382063	-0.12760659	-0.13857883	1355.5752	411.8181	737.82196	2505.2153
05-02-2022 01:52	50.03549	252.97972	261.06253	249.63577	444.92795	442.28323	435.56964	25.19066	24.095476	23.498405	-0.17430104	-0.07381485	-0.124741174	-0.12336591	1099.1117	433.27924	722.30054	2254.6914
05-02-2022 01:53	50.05403	253.22783	261.03418	250.35867	445.3848	442.84824	436.17957	25.268143	24.035717	24.151106	-0.17631738	-0.06523607	-0.09650919	-0.11363668	1111.1561	401.9682	584.513	2097.6372
05-02-2022 01:54	50.042107	253.01096	260.85367	250.47168	444.97293	442.63278	436.30817	25.216883	24.064617	24.053734	-0.1780215	-0.06823918	-0.10260815	-0.11763423	1121.6909	435.3731	607.9193	2164.9834
05-02-2022 01:55	50.05551	252.99747	261.27734	250.34015	445.07758	442.7555	436.55957	25.186249	23.97258	22.939634	-0.1737301	-0.067747414	-0.1708253	-0.13646482	1087.974	423.0458	958.22705	2469.247
05-02-2022 01:56	50.0529	252.61772	261.45157	250.03705	444.94244	442.66434	435.91138	25.253935	25.399712	21.933426	-0.17128791	-0.07070587	-0.20897077	-0.14623784	1077.9427	388.92413	1121.3855	2588.2524
05-02-2022 01:57	50.05745	252.75987	261.4482	249.83632	444.9759	442.55255	435.88245	25.157034	24.798601	22.364727	-0.16960241	-0.04317205	-0.25199926	-0.1496266	1060.421	287.8734	1383.8848	2732.179
05-02-2022 01:58	50.06527	253.26859	261.8926	250.31824	445.97507	443.2793	436.64478	25.25626	24.95869	22.502632	-0.1719568	-0.04355086	-0.16046667	-0.123011544	1085.3091	283.32727	891.23047	2259.8667
05-02-2022 01:59	50.059196	253.50746	262.11765	250.75653	446.39764	443.82245	437.2398	25.324856	25.0366	22.535362	-0.43252894	-0.041706566	-0.16863798	-0.2176468	2851.6614	270.35318	940.35815	4062.3726
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
05-02-2022 02:00	50.060574	253.51765	262.3778	250.86475	446.59473	444.22177	437.30167	24.373953	24.846792	22.678024	-0.21888371	-0.03717468	-0.2042191	-0.14950301	1334.6339	241.32516	1142.6597	2718.6187
05-02-2022 02:01	50.081493	253.38806	262.753	251.03242	446.8614	444.56622	437.40787	24.449825	24.927876	22.597954	-0.21635447	-0.037749734	-0.16212973	-0.13573788	1319.6093	246.1453	904.4155	2470.17
05-02-2022 02:02	50.07448	253.7831	262.92056	251.67249	447.66516	445.00555	438.24518	24.477535	24.95159	22.565643	-0.21800916	-0.036917888	-0.15788604	-0.1367001	1339.4019	247.74362	898.8589	2486.0044
05-02-2022 02:03	50.077057	254.17932	263.07227	251.92068	447.95895	445.59796	438.73804	24.53067	25.60839	22.525803	-0.21923053	-0.06508481	-0.15657339	-0.14432296	1340.5646	348.80475	872.7133	2562.0825
05-02-2022 02:04	50.035587	253.9375	262.77087	250.73903	447.19998	444.52386	437.58722	24.319963	24.424469	21.781918	-0.21537898	-0.087222	-0.27607885	-0.18852055	1306.8695	563.9517	1487.1614	3357.983
05-02-2022 02:05	50.026726	254.01959	262.86166	250.67398	447.30856	444.58377	437.6064	24.29588	23.650711	21.379587	-0.21740845	-0.09486293	-0.23387828	-0.17916355	1318.0934	593.1961	1234.4717	3145.7612
05-02-2022 02:06	50.02342	253.89929	262.46628	250.39334	446.95764	443.9973	437.16562	24.288506	23.802254	21.352148	-0.21622472	-0.09911808	-0.2338504	-0.1802885	1315.0625	613.6872	1230.5865	3159.3362
05-02-2022 02:07	50.014145	253.93945	262.3115	250.79109	446.8732	444.3457	437.39026	24.315653	23.688469	22.553246	-0.22235665	-0.091798045	-0.15191953	-0.1562672	1359.9558	579.8102	841.9561	2781.7222
05-02-2022 02:08	49.97972	253.45654	261.8322	250.8437	446.3249	443.6623	437.04337	24.29742	23.580952	22.365868	-0.22423255	-0.10877463	-0.15403716	-0.1626721	1363.8586	667.9723	849.812	2881.643
05-02-2022 02:09	49.96229	253.17833	261.44495	250.61794	445.82758	442.99182	436.66486	24.253958	23.536259	22.364227	-0.22604877	-0.11224211	-0.15757999	-0.1653414	1368.2477	686.40247	867.60547	2922.2556
05-02-2022 02:10	49.97686	253.07277	261.33432	250.27612	445.53372	442.62115	436.36273	24.323036	24.070816	22.904453	-0.22545452	-0.1328495	-0.13243467	-0.16501857	1372.2766	830.47437	739.47394	2942.225
05-02-2022 02:11	49.9812	253.19412	261.82294	250.59604	445.9656	443.366	436.7973	24.390028	24.82501	23.080906	-0.22368744	-0.09961677	-0.18057461	-0.16636445	1356.8391	651.02106	1025.2441	3033.1042
05-02-2022 02:12	49.975803	253.39124	262.09683	250.94661	446.38815	443.92468	437.2394	24.37069	24.644268	22.941174	-0.22463778	-0.09166301	-0.12922138	-0.14755401	1360.6516	589.3554	732.20776	2682.2148
05-02-2022 02:13	50.02308	253.4739	262.2494	250.38715	446.36804	443.8251	436.80267	24.302467	24.490246	21.90442	-0.22184709	-0.08786582	-0.20359892	-0.16842005	1351.279	563.1298	1100.5059	3014.9146
05-02-2022 02:14	50.033073	253.2843	262.04907	250.24646	446.23917	443.23315	436.60315	24.370338	24.568949	21.828331	-0.22109716	-0.09110394	-0.1997787	-0.16810985	1344.5193	608.52405	1078.6473	3031.6907
05-02-2022 02:15	50.04815	252.79927	261.78568	250.60472	445.59598	443.30344	436.49365	24.373486	24.399853	21.877281	-0.2220799	-0.08534274	-0.20016313	-0.16668293	1348.4963	542.47675	1080.0715	2971.0447
05-02-2022 02:16	50.04176	252.88628	261.588	250.72234	445.79285	443.01828	436.595	24.368034	24.542902	22.844551	-0.22408983	-0.087418795	-0.16402936	-0.15716577	1360.2819	572.5552	924.4093	2857.2463
05-02-2022 02:17	50.038948	252.81703	261.37906	250.99686	445.5597	443.28323	436.55777	24.398592	24.453375	24.071796	-0.22690612	-0.07975741	-0.09453329	-0.13318679	1379.4056	500.34204	563.42224	2443.17
05-02-2022 02:18	50.03368	252.9268	261.54453	250.87506	445.83505	443.35684	436.4783	24.374983	25.141146	24.24053	-0.2263666	-0.111147985	-0.1350316	-0.15305634	1376.7563	649.838	813.1982	2839.7925
05-02-2022 02:19	50.039413	252.95813	261.5956	250.39555	445.69504	443.04578	436.24243	24.352541	23.615705	24.07573	-0.22641245	-0.11342771	-0.09166946	-0.1440902	1380.044	690.7732	549.1936	2620.0107
05-02-2022 02:20	50.003136	252.78732	260.97195	250.56189	445.06195	442.5887	436.23758	24.298954	23.618023	24.01784	-0.22662523	-0.1118287	-0.09587064	-0.1449899	1372.3647	686.62585	576.5721	2635.5627
05-02-2022 02:21	49.99208	252.83269	261.46555	250.79677	445.53586	443.32108	436.37692	24.296244	23.765028	23.983562	-0.22840121	-0.117547974	-0.10430446	-0.1502038	1384.1033	715.074	610.74756	2709.9248
05-02-2022 02:22	50.009537	252.68199	261.3252	250.96652	445.43604	443.18192	436.40323	24.346659	23.693228	24.011147	-0.22602499	-0.11446292	-0.10320096	-0.14875194	1384.6929	702.9583	612.5669	2700.2178
05-02-2022 02:23	50.02447	252.8782	261.6668	250.69629	445.67496	443.37802	436.43466	24.30286	23.87726	23.011969	-0.22437385	-0.11950233	-0.1729022	-0.17189881	1359.6271	738.2419	983.23987	3081.109
05-02-2022 02:24	49.99133	252.86751	261.28848	250.63268	445.5535	442.9179	436.23196	24.28614	23.579742	22.849037	-0.22649303	-0.10952157	-0.16228199	-0.16593571	1369.5764	670.8563	916.1782	2956.611
05-02-2022 02:25	49.991405	252.77884	261.10062	250.42755	445.31836	442.57236	435.97827	24.248049	23.968124	23.12265	-0.22479202	-0.1086196	-0.20606154	-0.1786788	1359.5327	674.4455	1174.8684	3208.8467
05-02-2022 02:26	49.97556	252.76859	261.23834	250.71918	445.58884	442.87305	436.13367	24.33894	24.6202	24.047777	-0.22731115	-0.06295644	-0.0985393	-0.12844023	1377.0409	399.1823	585.3362	2361.5593
05-02-2022 02:27	50.00496	253.23314	261.74564	250.85623	446.28488	443.53833	436.69547	25.299702	24.995405	24.05876	-0.1819132	-0.04227364	-0.10632061	-0.10979501	1146.6835	282.4995	632.302	2061.4849
05-02-2022 02:28	50.01993	253.54599	262.16068	250.64415	446.7065	443.69867	437.0072	25.326548	25.070621	24.141186	-0.17988533	-0.046639986	-0.0977892	-0.107645	1141.6995	289.5258	583.8372	2015.0625
05-02-2022 02:29	50.040257	253.67815	262.19226	251.80782	447.14	444.59457	437.97092	25.32214	25.071056	24.19798	-0.17728706	-0.040582195	-0.10041173	-0.10550535	1127.4706	259.0311	601.33624	1987.8379
05-02-2022 02:30	50.041676	253.68782	262.2875	251.70834	447.25458	444.53888	437.92255	25.328104	25.25957	24.244062	-0.17731665	-0.04970898	-0.0982677	-0.10786352	1132.117	302.10898	586.08136	2020.3074
05-02-2022 02:31	50.03261	253.66197	262.29517	251.72354	447.1965	444.60022	437.91418	25.313168	25.383318	24.16745	-0.1769637	-0.054054864	-0.103124335	-0.11070593	1121.0918	364.82318	605.6984	2091.6135
05-02-2022 02:32	50.031693	253.95134	262.46667	251.10802	447.34	444.45245	437.65607	25.263557	25.45885	22.986498	-0.17449696	-0.0612793	-0.18088049	-0.14793026	1097.2618	405.1831	1269.2003	2771.6453
05-02-2022 02:33	50.01802	253.92267	262.29932	251.12067	447.2384	444.29385	437.59793	25.27398	25.610315	22.98976	-0.17593369	-0.061957326	-0.16665486	-0.13253985	1111.2687	409.29254	948.57153	2469.1328
05-02-2022 02:34	50.021126	253.90643	262.1502	251.11192	447.17374	444.21805	437.43823	24.353653	24.287247	22.991089	-0.21857609	-0.07834538	-0.16675192	-0.15330343	1331.71	495.5558	947.87714	2775.1428
05-02-2022 02:35	50.012608	253.90161	262.02417	251.43292	447.187	444.34674	437.62344	24.402004	24.17731	24.179535	-0.22733815	-0.06702904	-0.09728799	-0.12964286	1382.6288	417.6407	582.5919	2382.8613
05-02-2022 02:36	50.004433	253.82043	262.12823	251.67287	447.25378	444.53864	437.81824	24.322233	24.169905	23.62038	-0.22541083	-0.06915491	-0.12751472	-0.14003743	1368.2917	432.9523	744.218	2545.462
05-02-2022 02:37	49.97643	253.4322	261.8866	250.89056	446.5437	443.6828	436.94028	24.304026	24.119642	23.47018	-0.22184865	-0.070789814	-0.13477331	-0.14177823	1340.1967	464.82285	783.68713	2588.7065
05-02-2022 02:38	50.017345	253.65665	262.19235	251.64752	447.1861	444.43076	437.77597	24.414766	24.38818	23.723877	-0.2211128	-0.07719341	-0.1627448	-0.15256503	1353.7595	470.2602	745.358	2569.3774
05-02-2022 02:39	50.01616	253.63805	261.99277	251.42833	446.9719	444.21976	437.44592	24.386541	24.602589	23.50721	-0.22250544	-0.10184502	-0.13123667	-0.15160905	1363.3306	655.9777	767.2492	2786.5574
05-02-2022 02:40	50.048534	254.00354	261.99475	251.30566	447.2167	444.26602	437.5804	24.436497	24.876247	23.570797	-0.22275582	-0.09983314	-0.12122197	-0.14552186	1365.9486	596.9987	709.2609	2672.2083
05-02-2022 02:41	50.03701	253.95299	262.3508	251.37453	447.34814	444.54825	437.8142	24.470776	25.041225	23.54265	-0.21924466	-0.04270954	-0.12414482	-0.12677266	1341.8677	279.7574	724.40125	2346.0264
05-02-2022 02:42	50.04941	254.42612	263.03644	251.41315	448.1537	445.2206	438.41223	24.344435	25.109348	22.038427	-0.2141241	-0.055387586	-0.2659552	-0.17215893	1308.4491	364.62244	1452.551	3125.6226
05-02-2022 02:43	50.04486	254.01517	262.6452	251.46085	447.69577	444.52417	438.25296	24.414848	25.277466	21.928972	-0.21598981	-0.054746047	-0.22643124	-0.16062564	1320.1533	360.1385	1232.2618	2912.5537
05-02-2022 02:44	50.034645	254.20476	262.876	251.6858	448.06854	445.0669	438.45905	24.409012	24.945707	21.974287	-0.21795239	-0.04115446	-0.22753917	-0.1570713	1329.6262	260.3315	1234.6333	2824.591
05-02-2022 02:45	50.0489	254.2369	262.983	251.96916	448.3897	445.21866	438.71646	24.511658	25.007954	23.076088	-0.22147608	-0.036903378	-0.15796001	-0.1359199	1355.0616	241.18591	903.1035	2499.351

05-02-2022 02:46	50.026493	253.87057	262.8477	251.16327	447.6627	444.5845	437.8168	24.48924	25.517921	22.947779	-0.22034264	-0.06362738	-0.15669282	-0.1443158	1345.5569	397.6259	891.3754	2634.558
05-02-2022 02:47	50.043835	253.86784	262.41745	251.16931	447.37708	444.34808	437.59985	24.494705	25.43968	22.993547	-0.2206767	-0.060600344	-0.15419406	-0.14269027	1359.9895	400.63177	877.1039	2637.725
05-02-2022 02:48	50.01364	253.17023	261.6792	250.6098	446.0516	443.23297	436.5813	24.432909	25.117495	23.435886	-0.22282317	-0.048494674	-0.13427873	-0.13330801	1359.7219	316.21735	775.51996	2451.4595
05-02-2022 02:49	50.017246	253.08032	261.29663	250.029	445.40668	442.6883	435.94788	24.311	24.113388	23.739817	-0.2241265	-0.07412985	-0.16784519	-0.15431121	1354.8086	471.65955	979.21814	2805.6863
05-02-2022 02:50	50.03728	253.24896	261.67398	250.78546	446.1185	443.2729	436.90228	24.440311	24.19217	22.445274	-0.22269627	-0.074427344	-0.1645892	-0.1522705	1350.6898	466.29605	911.1151	2728.101
05-02-2022 02:51	50.02279	253.04811	261.52515	250.20683	445.71265	442.6924	436.283	24.362173	23.97168	21.368076	-0.22036526	-0.09435169	-0.2406025	-0.18170267	1336.1035	599.5716	1265.7076	3201.3828
05-02-2022 02:52	50.02886	252.77086	261.53287	250.22739	445.68192	442.59943	435.97787	24.292782	23.93633	21.730606	-0.22087973	-0.09336251	-0.28204802	-0.19437832	1335.9172	571.7344	1505.3234	3411.6938
05-02-2022 02:53	50.00413	252.88718	261.64224	249.96187	445.67657	442.63995	435.87616	24.324173	23.9119	21.325523	-0.22005205	-0.08875061	-0.23638925	-0.17834932	1334.7986	549.32404	1241.3529	3125.4756
05-02-2022 02:54	49.98153	252.83633	261.237	250.08151	445.36615	442.45554	435.78647	24.343575	24.30313	22.294289	-0.22355738	-0.10063761	-0.16907778	-0.16479293	1354.0344	655.3041	931.1626	2940.501
05-02-2022 02:55	49.999386	252.80972	261.4856	249.71298	445.37338	442.36398	435.6185	24.33193	23.883936	22.39543	-0.22182487	-0.08759428	-0.16454682	-0.15787005	1346.8794	556.6475	901.1864	2804.7131
05-02-2022 02:56	50.021088	253.07222	261.75647	250.4547	446.05118	443.1636	436.3492	24.419022	24.826534	22.426258	-0.22101057	-0.061543725	-0.16821855	-0.14782135	1338.8038	424.87973	1157.6274	2921.311
05-02-2022 02:57	50.008526	252.68216	261.4243	250.37321	445.61407	442.56482	435.9898	24.396587	24.885963	22.373882	-0.2207363	-0.063038886	-0.16473815	-0.14714353	1341.3092	408.96988	905.6292	2655.3147
05-02-2022 02:58	50.016632	252.98816	262.1305	250.70445	446.27173	443.5981	436.62796	24.419012	24.759865	22.418234	-0.22155426	-0.05784939	-0.16393577	-0.14538932	1349.0315	374.31628	907.4842	2630.832
05-02-2022 02:59	49.996796	253.47244	262.63004	251.67912	447.33084	444.61798	437.9357	24.387691	25.13622	22.578802	-0.2224491	-0.07096795	-0.21694322	-0.16640028	1355.8995	464.94247	1213.2605	3034.1025
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
05-02-2022 03:00	50.013	253.94879	263.15216	251.49051	447.90488	445.0403	438.34418	24.404713	24.585745	21.405651	-0.21999843	-0.088366374	-0.25042367	-0.18157065	1347.3589	556.92206	1326.8015	3231.082
05-02-2022 03:01	50.034664	256.71335	265.37482	253.63231	452.2936	448.94894	442.3986	25.483648	25.0838	21.501358	-0.17919782	-0.10418251	-0.23315437	-0.16804041	1154.4225	687.0735	1257.1917	3098.6877
05-02-2022 03:02	50.052967	256.8691	265.56628	253.37419	452.37888	449.01657	442.4012	25.426672	24.831589	21.487793	-0.17747535	-0.09591717	-0.23055556	-0.16389531	1144.777	629.2604	1238.3341	3012.3716
05-02-2022 03:03	50.048428	257.32404	265.7695	254.26132	453.096	450.0263	443.34976	25.5122	24.997786	22.58687	-0.181825	-0.09634403	-0.16197735	-0.15354316	1173.4667	625.93256	1085.2079	2884.6072
05-02-2022 03:04	50.035385	257.11398	265.50897	253.80809	452.75604	449.2638	442.85226	25.424728	23.910387	22.591839	-0.18109034	-0.11724692	-0.15777777	-0.15205826	1168.5345	744.1323	891.51556	2804.1824
05-02-2022 03:05	49.997395	257.1266	265.22903	254.17021	452.64758	449.29776	443.08704	25.424667	23.96537	22.451103	-0.1836773	-0.12174556	-0.16387458	-0.15439229	1178.5161	739.5877	915.8784	2833.9822
05-02-2022 03:06	49.984386	256.3934	264.45193	253.18304	451.25214	447.8818	441.5749	25.248962	23.765038	22.713709	-0.17896068	-0.11566512	-0.20264609	-0.1646955	1143.6168	722.6572	1148.9773	3015.2515
05-02-2022 03:07	49.974445	256.09402	264.4043	252.67288	450.81876	447.5531	440.85672	25.269516	23.873714	22.4545	-0.17655316	-0.09616025	-0.15955092	-0.14372148	1126.7976	602.55365	891.89545	2621.2466
05-02-2022 03:08	49.983135	255.87743	263.77002	252.34727	450.2433	446.65463	440.292	25.310896	24.375053	22.999212	-0.17845426	-0.11223858	-0.12497935	-0.13905951	1139.441	713.48303	716.4806	2569.4048
05-02-2022 03:09	49.997807	255.42014	263.6107	252.3677	449.67566	446.53052	439.94937	24.377632	23.69839	23.089083	-0.22621457	-0.08485634	-0.14269854	-0.14825961	1387.5476	552.03973	739.78174	2679.3691
05-02-2022 03:10	50.001705	255.2509	263.8345	252.15744	449.67398	446.49164	439.72263	24.357502	23.727762	21.89749	-0.2211906	-0.09201717	-0.20906126	-0.17231663	1356.4965	572.68243	1138.062	3067.241
05-02-2022 03:11	49.982136	254.9162	263.54312	252.47131	449.35614	446.24783	439.73782	24.375326	24.79542	22.888336	-0.22177237	-0.06696247	-0.17046736	-0.15092818	1358.5537	434.8781	971.196	2764.6277
05-02-2022 03:12	50.03461	255.06956	263.68192	252.35576	449.48248	446.49304	439.67636	24.428337	24.900408	23.028452	-0.22034085	-0.07093483	-0.16089094	-0.14888154	1356.0581	462.9262	923.051	2742.0352
05-02-2022 03:13	50.017925	254.84808	263.50772	252.36043	449.26434	446.18066	439.52744	24.335432	24.945965	24.41272	-0.2220849	-0.07058832	-0.13920292	-0.1424126	1360.3883	460.4713	845.7622	2666.6216
05-02-2022 03:14	50.01006	254.81258	263.12436	251.9381	448.8113	445.72113	438.98563	24.383059	24.72927	23.57751	-0.22117506	-0.06398801	-0.121607944	-0.13441673	1354.8585	414.68307	712.39166	2481.9333
05-02-2022 03:15	49.97684	254.54256	262.90674	251.80885	448.4445	445.42865	438.57715	24.369526	25.184872	23.429848	-0.22203355	-0.08464231	-0.1281837	-0.14376923	1357.8185	555.32324	745.91833	2659.06
05-02-2022 03:16	49.960827	254.40627	262.76004	251.7486	448.27942	445.07074	438.50296	24.276108	25.07593	23.70119	-0.22115935	-0.07928192	-0.17031942	-0.15490119	1348.1544	518.2854	999.07434	2865.5142
05-02-2022 03:17	49.95018	254.31602	262.8296	251.94403	448.22687	445.28598	438.64127	24.367695	24.746134	23.527023	-0.21948616	-0.0677641	-0.12293635	-0.13567862	1344.195	435.92395	719.0026	2499.1213
05-02-2022 03:18	49.931767	254.21915	262.4241	251.74486	447.7089	444.85913	438.36908	24.264599	23.706146	23.4752	-0.22346856	-0.09303274	-0.12525044	-0.1468152	1353.4807	573.7483	730.6719	2657.901
05-02-2022 03:19	49.9505	254.23555	262.76968	251.57202	448.15298	444.79828	438.31653	24.21819	23.638454	22.398914	-0.21967483	-0.09015436	-0.19903994	-0.16828267	1333.0374	556.5561	1107.6643	2997.2578
05-02-2022 03:20	49.96824	254.33066	262.7381	251.2972	447.8025	444.87875	438.2206	24.163929	23.590963	22.73497	-0.21943732	-0.092007905	-0.23561391	-0.18051046	1331.3081	567.9982	1326.3359	3225.642
05-02-2022 03:21	50.001965	254.32799	263.06317	251.4184	448.17365	445.06274	438.43405	24.260103	23.610449	22.317165	-0.21902716	-0.090293035	-0.19452259	-0.16670507	1331.612	554.6721	1084.1202	2970.4043
05-02-2022 03:22	50.03579	254.51668	263.16333	251.38641	448.479	445.16968	438.4699	24.367638	24.279156	23.500425	-0.22261587	-0.1107328	-0.13214406	-0.15503159	1363.6375	708.6085	773.72736	2846.3481
05-02-2022 03:23	50.036858	254.6172	262.86298	251.87689	448.32553	445.38354	438.9071	24.355633	24.83719	23.761768	-0.22558346	-0.09945517	-0.16497606	-0.15911382	1375.517	591.3002	971.46063	2938.2778
05-02-2022 03:24	50.040897	254.37064	262.82822	252.14658	448.27347	445.35425	438.9654	24.414835	24.361217	23.528194	-0.22418429	-0.07623856	-0.121356495	-0.1400624	1383.1931	484.51813	703.11304	2570.8242
05-02-2022 03:25	50.048203	254.60095	262.86908	252.1368	448.53598	445.57108	438.94333	24.457325	24.378242	23.582022	-0.2242622	-0.070635416	-0.12080837	-0.13766913	1384.7759	433.8636	708.9061	2527.5457
05-02-2022 03:26	50.03241	254.3498	262.81256	252.2974	448.35056	445.48254	438.95908	24.457657	25.086052	24.215939	-0.2254041	-0.03820481	-0.09892454	-0.11863179	1387.224	243.92734	590.9667	2222.118
05-02-2022 03:27	50.03247	254.65321	263.19196	252.30852	448.90305	445.89548	439.19952	24.47653	25.23343	24.366207	-0.22431949	-0.0429939	-0.1390509	-0.1333109	1380.7545	283.69772	845.1112	2509.5635
05-02-2022 03:28	50.04481	254.26021	263.62762	251.79756	448.424	446.0059	438.75873	24.39745	25.112715	23.004637	-0.22172165	-0.042935863	-0.17631954	-0.14435335	1354.0283	303.24908	1003.10376	2660.381
05-02-2022 03:29	50.019585	254.43233	263.61987	251.68805	448.65332	445.87305	438.75916	24.392353	24.973198	23.045233	-0.22087593	-0.036397062	-0.16456851	-0.1372877	1352.4778	233.5491	942.26263	2528.2896
05-02-2022 03:30	50.035126	254.49284	263.51602	252.22513	448.88196	446.11462	439.14188	24.407478	25.467741	23.018177	-0.2229819	-0.05618463	-0.16941077	-0.14788596	1364.0701	404.8253	971.917	2740.8125
05-02-2022 03:31	50.047016	254.56758	263.63797	252.06783	449.0151	445.95895	439.2311	24.460411	25.085735	24.247997	-0.22300258	-0.03700906	-0.10010796	-0.11807651	1369.6141	244.4762	603.9329	2218.0232
05-02-2022 03:32	50.032623	254.51575	263.25943	252.45738	448.87408	445.97122	439.28735	24.462664	25.177055	24.226082	-0.22516313	-0.039820056	-0.10317172	-0.12093767	1388.6571	258.45795	623.0946	2270.2097
05-02-2022 03:33	50.025043	254.40636	263.03134	252.42088	448.6043	445.79218	439.08817	24.421734	24.967175	24.192465	-0.22735506	-0.05610085	-0.10290061	-0.12738027	1394.0466	372.44113	613.4376	2379.9253
05-02-2022 03:34	50.048134	254.50664	262.9729	252.16792	448.36288	445.82108	438.93686	24.375036	24.154827	24.11541	-0.22668111	-0.08611933	-0.10195013	-0.13795829	1397.4927	548.5961	847.5714	2790.2227
05-02-2022 03:35	50.0533	254.48343	262.95563	252.08777	448.56744	445.75607	438.59372	24.386282	24.030619	24.178886	-0.2259163	-0.07881206	-0.09666427	-0.13355368	1378.672	493.8189	586.74677	2459.2378
05-02-2022 03:36	50.022957	255.04027	263.2629	252.0363	449.0323	446.10022	439.19125	25.302336	24.129787	24.171732	-0.18266413	-0.08290535	-0.09096859	-0.11979138	1170.5706	523.55554	547.91034	2242.0364
05-02-2022 03:37	49.98922	254.29854	262.88513	251.88426	448.1475	445.37936	438.5905	25.240353	24.345293	22.933733	-0.18143132	-0.099959075	-0.16476358	-0.1481236	1146.6517	636.9189	938.28357	2721.8542
05-02-2022 03:38	49.982044	254.51392	262.88773	251.7975	448.2415	445.37863	438.72412	25.217552	23.942202	22.995102	-0.18114807	-0.08519361	-0.15771651	-0.1410036	1150.9902	535.31	895.6642	2581.9644
05-02-2022 03:39	50.01435	254.6675	263.1275	251.89377	448.52676	445.6798	438.98602	25.24297	24.13406	22.96629	-0.18074062	-0.09078432	-0.15445827	-0.14165102	1140.4178	580.1427	887.64966	2610.335
05-02-2022 03:40	50.01366	254.66502	263.24973	251.16174	448.401	445.2557	438.47903	25.248207	24.073536	22.911871	-0.17752385	-0.08960051	-0.16274357	-0.1427034	1129.7587	568.88495	922.3972	2621.041
05-02-2022 03:41	50.017197	254.78287	263.1998	252.07951	448.72873	446.00888	439.10364	25.278831	24.974327	24.225264	-0.183498	-0.057974417	-0.09592635	-0.112218834	1167.959	379.86902	578.538	2126.3662
05-02-2022 03:42	50.00954	254.75935	263.18256	251.9167	448.627	445.89667	438.9655	25.286278	25.03191	24.19596	-0.18143314	-0.06013897	-0.096386544	-0.11242619	1155.5569	370.1338	579.1197	2101.5916
05-02-2022 03:43	50.046585	254.5418	263.16827	252.22842	448.72137	446.02744	438.8803	24.387024	25.071465	24.158897	-0.21874939	-0.056634977	-0.094209805	-0.12220165	1348.5979	371.39255	567.26263	2287.2532
05-02-2022 03:44	50.053474	254.52565	263.17795	252.68495	448.9084	446.2708	439.22623	24.445786	25.554157	24.351944	-0.2248413	-0.08071292	-0.13828894	-0.14221449	1374.3422	472.87805	833.11816	2680.3381
05-02-2022 03:45	50.043957	254.32512	263.20865	252.4842	448.8063	446.08347	438.87625	24.41909	25.055302	24.154583	-0.22330339	-0.055427633	-0.093792185	-0.12281852	1371.367	363.75757	564.9427	2300.0671
05-02-2022 03:46	50.042393	254.2717	263.34482	252.29941	448.5287	446.1151	438.94354	24.381203	24.977036	23.016138	-0.21878967	-0.057047606	-0.13672201	-0.13586667	1344.4661	373.97336	783.1167	2501.5562
05-02-2022 03:47	50.063515	254.6565	263.6143	251.739	448.96643	445.78406	439.001	24.378605	24.876331	21.954176	-0.2162983	-0.057568856	-0.2032345	-0.15511115	1326.8599	375.5948	1103.4192	2805.874
05-02-2022 03:48	50.061928	254.79099	263.70297	251.86334	449.05386	446.20816	439.09372	24.38247	24.996027	22.096294	-0.21600418	-0.05781915	-0.21581367	-0.15894853	1324.8088	378.36716	1183.5321	2886.708
05-02-2022 03:49	50.048428	254.88321	263.66605	251.44077	449.1083	445.67526	438.93625	24.305668	24.140795	21.913137	-0.21617664	-0.090746	-0.19853358	-0.16612977	1316.6436	573.78455	1079.4661	2969.894
05-02-2022 03:50	50.057102	254.65027	263.5423	252.41019	448.85812	446.30295	439.61038	24.37007	24.353197	23.113405	-0.21872643	-0.073842786	-0.13496616	-0.14152938	1340.3689	472.2929	776.04834	2588.7104
05-02-2022 03:51	50.05119	254.84685	263.4609	252.29578	449.0086	446.173	439.5929	24.312668	24.511486	23.2541	-0.21904704	-0.0829265	-0.17356522	-0.15702423	1341.6486	532.36884	1005.2835	2879.3008
05-02-2022 03:52	50.04436	255.23215	263.43503	252.72495	449.59958	446.44977	440.0909	24.417545	24.667622	22.954426	-0.22059558	-0.07876515	-0.13844661	-0.14508091	1354.8596	511.431	789.8901	2656.1807
05-02-2022 03:53	50.04618	255.25269	263.80807	252.28136	449.6698	446.55136	439.83755	24.373478	24.25437	22.516819	-0.2176747	-0.06848659	-0.16814815	-0.14995675	1343.4021	467.81894	934.7351	2745.956
05-02-2022 03:54	50.049416	255.26051	263.68015	252.38873	449.581	446.7003	439.75677	24.386253	24.243504	22.519764	-0.21817769	-0.070165634	-0.15915413	-0.14794275	1341.706	435.26242	883.9254	2656.675
05-02-2022 03:55	50.042927	255.47841	263.98853	252.49898	450.10175	446.97888	440.06155	24.397835	24.292355	22.53402	-0.21768254	-0.06892003	-0.16062985	-0.14776023	1347.4788	449.03122	1147.5475	2941.0793
05-02-2022 03:56	50.009483	255.6617	264.8573	251.36995	450.34482	446.81726	439.84848	24.139275	24.544746	21.938055	-0.20772101	-0.08476468	-0.5573855	-0.2690823	1264.1566	543.9792	3042.1755	4850.3115
05-02-2022 03:57	49.997486	255.43646	264.24924	252.49466	450.18683	446.98468	440.33792	24.360214	24.47908	21.437431	-0.21698184	-0.06408495	-0.23564595	-0.16755503	1332.0359	413.1169	1258.2664	3003.4192
05-02-2022 03:58	50.02412	255.4805	264.66925	252.20184	450.48862	447.04163	440.27856	24.367601	25.215883	21.320229	-0.21423756	-0.09306981	-0.3124612	-0.19897255	1320.4785	615.4447	1652.8168	3588.74
05-02-2022 03:59	50.022816	255.82803	264.60242	252.59976	450.79004	447.51065	440.68454	24.411297	25.128376	21.875475	-0.22026803	-0.09403317	-0.20402639	-0.1694879	1358.6731	621.196	1111.4305	3091.2998
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
05-02-2022 04:00	50.0479	257.1759	265.9834	253.71574	453.06363	449.6912	442.88998	24.493551	24.785645	22.127453	-0.2198184	-0.06948883	-0.19748308	-0.15919136	1371.9688	449.97836	1094.4395	2916.3865
05-02-2022 04:01	50.047604	258.00546	266.8869	254.60226	454.56943	451.24875	444.3643	24.553556	25.002298	22.181671	-0.22242069	-0.074104585	-0.19516744	-0.16139522	1391.1208	502.1266	1082.6033	2975.8508
05-02-2022 04:02	50.069805	258.6493	267.59033	255.24731	455.93954	452.17917	445.51474	24.606255	25.01258	22.19116	-0.22255744	-0.07472181	-0.23479398	-0.17350133	1398.8748	497.62836	1330.0134	3226.5166
05-02-2022 04:03	50.07888	258.26096	268.37027	255.93025	456.2562	452.9334	446.29276	24.657276	24.994223	22.225306	-0.22054362	-0.07331641	-0.200498	-0.1614042	1383.5442	489.5771	1120.8416	2993.963
05-02-2022 04:04	50.039997	258.27542	268.1261	255.95776	455.8523	452.9605	446.3175	24.603033	23.909615	22.25018	-0.22248094	-0.09335862	-0.19631228	-0.16932209	1394.4619	595.1686	1098.9132	3088.5437
05-02-2022 04:05	50.053352	257.98584	268.12085	255.59604	455.47028	452.7038	445.8205	24.542818	24.42031	22.078262	-0.22003128	-0.11705962	-0.2975114	-0.20759088	1380.4713	771.2339	1634.2322	3785.9375
05-02-2022 04:06	50.047413	257.81125	267.61658	255.39296	454.97922	452.13107	445.35788	24.545876	24.460342	22.692137	-0.22288959	-0.11161563	-0.19682017	-0.17595878	1397.3536	719.85223	1122.0171	3239.2231
05-02-2022 04:07	50.0193	258.26398	267.64743	255.46881	455.40714	452.38535	445.6481	24.480366	23.981098	22.7287	-0.2261286	-0.09708871	-0.194017	-0.1702408	1408.5175	598.54865	1115.9978	3123.064
05-02-2022 04:08	50.04414	259.01013	268.43988	255.6292	456.4923	453.3327	446.55933	24.598066	24.05915	22.785704	-0.2211161	-0.09986242	-0.19711089	-0.17158356	1393.5046	641.562	1130.0924	3165.159
05-02-2022 04:09	50.015392	258.91525	267.90067	256.58276	456.4492	453.3592	447.12173	24.612549	24.061804	23.881214	-0.22726384	-0.091087826	-0.12930232	-0.14849603	1421.22	588.29816	772.63495	2782.153
05-02-2022 04:10	49.984764	255.95395	264.75937	253.55373	451.16345	448.0384	441.91177	25.308285	23.929222	23.640005	-0.18188429	-0.092949085	-0.12959403	-0.13520579	1162.1687	608.7165	768.34875	2539.234

05-02-2022 04:11	49.989395	255.7706	265.003	253.56738	451.19052	448.00165	442.0439	25.30008	24.709091	23.58112	-0.17893551	-0.058723625	-0.1375961	-0.12438038	1150.485	377.33496	814.25995	2342.0798
05-02-2022 04:12	49.993362	255.45972	264.8114	253.33058	450.6922	447.75024	441.5157	25.2482	24.695368	23.863377	-0.18040852	-0.06138371	-0.17945935	-0.13890328	1150.281	399.61304	1069.9753	2619.8694
05-02-2022 04:13	49.984543	255.60796	264.80713	253.19302	450.8518	447.6783	441.44232	25.307537	25.094254	23.623196	-0.18049951	-0.078229524	-0.12896562	-0.12870796	1155.3676	516.1267	761.3923	2432.8867
05-02-2022 04:14	49.998516	255.77617	264.82498	253.0037	450.82675	447.8479	441.29712	25.36412	24.767675	23.718678	-0.17900585	-0.06477885	-0.12953629	-0.123928994	1146.8839	422.82904	767.281	2336.9941
05-02-2022 04:15	49.98392	255.75945	264.90036	252.4751	450.86176	447.37146	440.92715	25.285175	24.825384	22.560791	-0.17765188	-0.073110074	-0.20178363	-0.1481195	1135.0348	477.52133	1132.705	2745.2612
05-02-2022 04:16	50.04513	255.96352	264.97546	253.13626	451.3588	447.74747	441.67737	25.351208	24.707664	22.51556	-0.17772393	-0.09387848	-0.19504464	-0.15343857	1141.2324	614.11633	1095.4341	2850.7832
05-02-2022 04:17	50.04324	256.04047	265.23886	252.81628	451.55228	447.61557	441.65112	25.358982	24.635159	22.551216	-0.17697063	-0.083880164	-0.19696806	-0.15036179	1136.3088	545.7639	1106.0359	2788.1084
05-02-2022 04:18	50.03406	255.83797	264.9995	253.34952	451.1358	448.1492	441.69284	24.455719	24.767725	23.576748	-0.22815233	-0.08351996	-0.13609745	-0.14866461	1411.8359	560.2877	796.4794	2768.603
05-02-2022 04:19	50.04054	256.06998	264.8366	253.11674	451.23776	447.87195	441.5873	24.316118	23.759563	23.869015	-0.22971016	-0.11383263	-0.1679342	-0.16996329	1410.5541	716.81696	1002.12	3129.491
05-02-2022 04:20	50.010693	255.70067	264.69785	252.92441	450.7098	447.75647	441.02045	24.320301	24.506369	23.559448	-0.22019294	-0.102134675	-0.12856391	-0.14985022	1354.8545	670.3143	761.96783	2787.1365
05-02-2022 04:21	50.000076	255.562	264.6937	253.07204	450.5743	447.7687	441.14807	24.337357	24.05162	23.610373	-0.21983148	-0.08316519	-0.13044606	-0.1440259	1350.697	527.0491	769.1436	2646.8896
05-02-2022 04:22	49.969135	255.25249	264.4335	253.41698	450.25314	447.769	441.07755	24.281523	24.2178	23.638037	-0.2211643	-0.09200155	-0.15296477	-0.15457332	1354.9885	585.8955	903.427	2844.311
05-02-2022 04:23	49.974014	255.2718	264.5005	253.51419	450.44553	447.7668	441.20407	24.284626	24.415205	23.570717	-0.22294809	-0.10008007	-0.12773578	-0.14976026	1366.4977	642.11066	753.0216	2761.63
05-02-2022 04:24	49.965206	255.38588	264.58447	253.01921	450.5936	447.36093	440.9502	24.275711	24.151653	22.955217	-0.21960022	-0.09019049	-0.17198998	-0.15945958	1345.6511	573.3819	986.19055	2905.2236
05-02-2022 04:25	49.956593	255.16069	264.45743	252.85945	450.27658	447.23303	440.51175	24.258251	24.030964	22.894194	-0.21964648	-0.08624445	-0.16561684	-0.15615584	1342.2284	545.22473	945.0571	2832.5103
05-02-2022 04:26	49.983624	255.26529	264.9307	252.67804	450.641	447.45715	440.6118	24.324574	24.962639	23.334791	-0.21731691	-0.06072198	-0.20698264	-0.15838392	1330.3992	399.99417	1203.3633	2933.7568
05-02-2022 04:27	49.947147	255.19536	264.36725	253.16957	450.4829	447.37054	440.6096	24.37546	25.687153	24.118584	-0.22198588	-0.07674674	-0.09607954	-0.1302241	1362.4355	512.7224	579.4406	2454.5986
05-02-2022 04:28	49.97533	255.4264	264.6061	253.38303	450.82568	447.70633	441.11206	24.38772	25.431826	24.18269	-0.22087115	-0.07466362	-0.0983501	-0.12882082	1340.0945	498.78662	595.77344	2434.6545
05-02-2022 04:29	49.991253	255.8417	264.31927	253.69005	451.13727	447.97635	441.28802	24.403936	25.172894	24.202211	-0.22383521	-0.06140126	-0.0929339	-0.12341125	1377.3687	383.32367	564.1091	2324.8013
05-02-2022 04:30	50.003483	256.13947	264.66592	253.82538	451.65613	448.29935	441.79587	24.429428	25.101746	24.176008	-0.22223529	-0.056244608	-0.099452294	-0.12455767	1373.8171	371.87427	602.7547	2348.446
05-02-2022 04:31	50.016502	256.25443	264.84467	253.92227	451.9267	448.50067	442.00073	24.432533	25.083004	23.61279	-0.22086051	-0.05780955	-0.12893091	-0.1341733	1366.7539	391.58054	763.88965	2522.2239
05-02-2022 04:32	50.024155	256.1831	264.6402	253.47414	451.465	448.1757	441.53644	24.392365	25.116024	23.674007	-0.22028796	-0.03930388	-0.123075604	-0.12549734	1359.2236	247.93533	731.1404	2336.1118
05-02-2022 04:33	50.013752	256.26645	264.68427	253.40932	451.5041	448.10562	441.67404	24.392727	25.231531	23.725462	-0.22101325	-0.043968182	-0.12222077	-0.12700948	1362.1215	291.02774	961.95245	2615.1016
05-02-2022 04:34	50.036232	256.28528	264.69196	253.14961	451.55917	447.86993	441.45346	24.339363	24.688576	22.465906	-0.21943018	-0.09140205	-0.18422708	-0.16314967	1353.97	604.12714	1032.2206	2990.3179
05-02-2022 04:35	49.99534	256.22763	264.7815	253.31377	451.63715	447.98904	441.5943	24.324562	24.650734	22.476366	-0.22323065	-0.08909272	-0.18504812	-0.16390227	1365.3918	571.3908	1031.8616	2968.6445
05-02-2022 04:36	49.987015	256.27942	265.08542	252.98563	451.72537	447.93585	441.60703	24.264774	24.18626	22.82999	-0.22145644	-0.074062034	-0.23047206	-0.17265984	1366.8618	470.29483	1082.4246	2919.5813
05-02-2022 04:37	49.967068	256.05377	264.5526	253.44122	451.39203	447.84073	441.5085	24.28853	24.106018	23.518524	-0.22791916	-0.0639487	-0.12377539	-0.13797396	1402.7562	406.04718	728.3385	2537.1418
05-02-2022 04:38	49.960167	255.91302	264.39227	252.95575	450.99307	447.57483	440.81735	24.256285	24.208498	23.55871	-0.2281939	-0.06995516	-0.11667305	-0.13772775	1403.6321	408.8948	686.457	2498.984
05-02-2022 04:39	49.97626	256.01398	264.474	253.11752	451.06647	447.77243	441.1402	24.31218	24.209623	23.639622	-0.22649737	-0.06898194	-0.11830335	-0.13739243	1394.8639	438.37064	692.77313	2526.0078
05-02-2022 04:40	49.991516	256.09595	264.72372	253.23578	451.3747	448.0275	441.35675	24.307497	24.344519	23.752548	-0.22611965	-0.0751109	-0.14568654	-0.14803031	1393.519	481.37097	865.1948	2740.085
05-02-2022 04:41	49.988064	256.01443	264.93942	253.438	451.5278	448.01044	441.79565	24.404716	25.216982	22.52555	-0.22264688	-0.045033753	-0.16041999	-0.1397774	1375.8899	298.6954	903.78973	2578.375
05-02-2022 04:42	50.001522	256.3426	264.95865	253.4508	451.87418	448.22653	441.8624	24.444483	25.511242	22.535194	-0.22496589	-0.058438636	-0.15689611	-0.14401875	1393.7393	391.99954	884.1465	2669.8853
05-02-2022 04:43	49.98708	255.93549	264.85974	253.08624	451.3458	447.82315	441.28702	24.3548	25.248314	21.944954	-0.22268936	-0.04623091	-0.2094769	-0.1546976	1371.7798	306.408	1147.4312	2825.619
05-02-2022 04:44	49.98023	256.26755	264.6902	252.44496	451.11014	447.46194	441.0564	25.284063	25.246468	22.226318	-0.17619818	-0.054442454	-0.24886738	-0.15624027	1124.0758	380.54358	1385.2903	2889.9097
05-02-2022 04:45	49.984657	256.08078	264.85376	252.17374	451.07324	447.3302	440.71817	25.261648	25.06423	22.052437	-0.17569368	-0.046567984	-0.20313087	-0.13752672	1122.9382	302.408	1116.3646	2541.711
05-02-2022 04:46	50.002075	256.31772	264.64102	252.77258	451.31848	447.71793	441.16333	25.26948	25.13959	23.17127	-0.18036231	-0.043682624	-0.13575986	-0.11853646	1159.2732	257.26788	792.4171	2208.9583
05-02-2022 04:47	50.006214	256.15717	264.55646	253.26547	451.332	447.80856	441.4838	25.329885	25.123861	23.182695	-0.18099616	-0.041583985	-0.1380328	-0.11877873	1161.6166	275.16223	799.3012	2236.08
05-02-2022 04:48	49.980442	256.00018	264.2662	252.80643	450.7342	447.27744	441.04132	25.292255	25.065737	23.152502	-0.17983107	-0.040641706	-0.1329033	-0.1165064	1153.5975	262.17523	877.31775	2293.0906
05-02-2022 04:49	49.97608	256.16043	264.03735	252.87698	450.80185	447.16705	441.08768	25.281448	24.60566	23.110397	-0.18232931	-0.08765076	-0.13052174	-0.13350354	1167.7273	599.16644	758.34924	2525.243
05-02-2022 04:50	49.98959	256.1484	264.31564	252.46709	450.71613	447.20056	440.89307	25.273588	24.227474	23.045626	-0.18023528	-0.074153386	-0.14068568	-0.13147336	1155.3987	470.51346	809.3058	2435.2178
05-02-2022 04:51	49.99292	255.94052	264.3374	252.68314	450.57657	447.41174	440.87265	25.1906	24.18315	23.413275	-0.18142308	-0.07206563	-0.16723426	-0.1392214	1152.2667	459.04465	971.2175	2582.5288
05-02-2022 04:52	50.006332	255.9751	264.41568	252.42061	450.73312	447.20276	440.6693	24.334259	24.20182	22.033981	-0.22610274	-0.0770942	-0.2043389	-0.16650364	1390.2428	489.0943	1119.9603	2999.2974
05-02-2022 04:53	50.013744	255.88884	264.19385	252.41364	450.42618	447.08472	440.54715	24.282265	23.879608	21.97123	-0.2288076	-0.10378556	-0.20074327	-0.17638929	1405.0815	646.62506	1095.2025	3146.9092
05-02-2022 04:54	49.999256	255.75475	264.54745	252.82353	450.71222	447.46216	440.97037	24.293907	23.76383	22.014227	-0.2246754	-0.09600881	-0.20487435	-0.17359777	1376.853	605.90454	1120.9384	3103.696
05-02-2022 04:55	49.982445	255.4509	264.40756	252.6917	450.31403	447.237	440.59695	24.310616	23.81568	23.118574	-0.22804973	-0.09556262	-0.13684212	-0.15343927	1400.7223	610.9548	794.31604	2806.243
05-02-2022 04:56	50.001457	255.7349	264.2124	253.17363	450.7495	447.36865	441.01724	24.370667	25.392162	22.960106	-0.2235534	-0.08789915	-0.13940588	-0.14880228	1373.0732	581.4333	799.2341	2753.7405
05-02-2022 04:57	49.990055	255.95757	264.3414	252.69293	450.7855	447.3497	440.7822	24.319527	24.736881	23.007843	-0.2210954	-0.06824956	-0.14054248	-0.14201052	1366.3763	442.60602	805.02045	2614.0027
05-02-2022 04:58	50.00948	256.04776	264.49414	252.90477	451.08432	447.5546	441.06534	24.272938	24.6744	23.251892	-0.22102575	-0.062250208	-0.17665516	-0.1511618	1357.8187	404.51392	1029.5269	2791.8599
05-02-2022 04:59	50.027985	256.16595	264.38483	252.87689	451.0394	447.45117	441.17886	24.406672	24.799234	23.077644	-0.22217958	-0.089539416	-0.13115375	-0.14709736	1376.5603	582.2075	755.11914	2713.887
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
05-02-2022 05:00	50.02742	255.99736	264.31357	253.06517	451.03918	447.3602	441.17896	24.384624	24.82237	23.131672	-0.22156176	-0.08904155	-0.13532314	-0.14756434	1368.5485	573.1741	781.712	2723.4346
05-02-2022 05:01	50.028812	256.09476	264.62543	253.27393	451.34747	447.77774	441.52298	24.310265	24.637403	23.190071	-0.2188938	-0.08246758	-0.19002101	-0.16179603	1348.8165	535.7767	1101.0646	2985.658
05-02-2022 05:02	50.040516	256.18835	264.68805	253.29887	451.42648	447.95288	441.58398	24.410202	24.76549	23.007511	-0.21962993	-0.086225845	-0.16707	-0.15738171	1366.2759	577.68994	962.83594	2906.8018
05-02-2022 05:03	49.979305	255.6515	263.93915	252.18211	450.3132	446.46835	440.0264	24.329624	25.033428	22.883795	-0.22021458	-0.11080204	-0.16926251	-0.16541971	1354.3794	731.8259	963.8541	3050.0596
05-02-2022 05:04	49.986103	255.51167	263.6084	252.0871	449.83215	446.15402	439.8393	24.296638	24.18977	24.144705	-0.22310925	-0.12805021	-0.09732383	-0.15034653	1376.261	817.6289	582.12427	2776.0142
05-02-2022 05:05	49.98616	255.44153	263.27386	252.15991	449.48618	446.10028	439.6636	24.239887	23.707928	24.238533	-0.22554019	-0.11067227	-0.10454205	-0.14691041	1370.3022	699.0769	813.50525	2882.8845
05-02-2022 05:06	49.96118	255.2212	262.94443	252.2935	449.22452	445.83255	439.4704	24.227102	23.71196	24.13301	-0.2245193	-0.109886795	-0.09948168	-0.14467049	1379.0745	669.91547	592.6251	2641.615
05-02-2022 05:07	49.924065	254.85501	262.66693	251.85127	448.65408	445.04398	438.9468	24.177797	23.748636	24.090446	-0.225369	-0.112341784	-0.100621276	-0.1459442	1365.0808	701.29517	602.9192	2669.2954
05-02-2022 05:08	49.94697	254.7897	262.6984	252.02118	448.63242	445.14594	439.09995	24.099524	23.72632	24.273758	-0.22567284	-0.10860905	-0.13807662	-0.1571282	1375.4176	657.67694	595.50446	2628.5989
05-02-2022 05:09	49.913906	254.56921	262.4899	251.33087	448.12698	444.48544	438.3311	24.13025	23.660969	23.324184	-0.22314207	-0.10981991	-0.12949604	-0.15425277	1355.2875	679.6677	750.17993	2785.1348
05-02-2022 05:10	49.883434	254.14926	262.22604	251.20154	447.581	444.4711	437.4889	24.078901	24.041721	23.387243	-0.2249285	-0.12540436	-0.12195929	-0.15756042	1361.3682	784.26965	707.8906	2853.5283
05-02-2022 05:11	49.92665	254.22241	262.474	251.02519	447.43628	444.49722	437.85263	24.060461	23.903881	22.29535	-0.22075404	-0.12149815	-0.19322887	-0.17747009	1334.9639	757.12854	1067.3124	3159.4045
05-02-2022 05:12	49.930286	254.11557	262.68265	251.27338	447.9256	444.48462	437.98306	24.168804	24.358677	22.228218	-0.22015278	-0.0776168	-0.21324787	-0.16744174	1329.1191	501.87714	1186.2053	3017.2017
05-02-2022 05:13	49.951637	254.16919	262.8445	250.64606	447.83643	444.10925	437.73544	24.135084	24.444563	21.826649	-0.21973927	-0.08370379	-0.22681789	-0.17220105	1331.8871	532.1279	1223.4158	3087.4312
05-02-2022 05:14	50.012608	254.70273	262.84085	251.73018	448.42508	445.1143	438.9317	24.26322	24.514431	22.905258	-0.22428931	-0.07733135	-0.15103585	-0.14966804	1372.4047	500.71762	859.9975	2733.1199
05-02-2022 05:15	50.011074	255.15361	262.64124	251.07962	448.60266	444.79413	438.39233	22.532497	25.008211	23.145958	-0.05196799	-0.035425797	-0.19103512	-0.09027925	294.1701	251.8722	1096.1709	1642.2133
05-02-2022 05:16	50.002735	255.04721	262.5027	251.1053	448.62503	444.5498	438.23535	22.077023	25.306393	22.74989	-0.07464706	-0.040328283	-0.15309533	-0.08678504	417.42126	265.69333	863.35175	1546.4663
05-02-2022 05:17	50.03033	254.69221	262.0862	250.98642	448.00604	444.08026	437.7798	22.092009	25.341743	22.837475	-0.0735302	-0.04376032	-0.14505978	-0.08376117	409.80588	262.79803	821.89624	1494.5001
05-02-2022 05:18	50.026234	254.73267	261.94696	251.09177	447.92404	444.10324	437.84842	23.198359	25.587902	22.82504	-0.0329037	-0.05298359	-0.14495687	-0.07524338	193.21297	353.35913	820.891	1367.4631
05-02-2022 05:19	50.018856	254.69194	261.90427	250.80151	447.7125	443.80768	437.7081	23.113203	25.229675	22.902794	-0.033294722	-0.039906673	-0.15065996	-0.072503194	194.95001	262.2338	855.44745	1312.6312
05-02-2022 05:20	50.019085	254.73424	261.7791	250.44804	447.3203	443.54874	437.60098	23.039217	24.140308	21.912617	-0.02847005	-0.071170695	-0.2396117	-0.109259464	171.02835	449.30682	1299.6995	1920.0344
05-02-2022 05:21	49.986626	254.71599	261.56238	250.19005	447.16653	443.2066	437.2452	22.96745	24.325958	22.301065	-0.0317968	-0.07585486	-0.2039948	-0.10133291	184.8468	486.4531	1125.9197	1797.2195
05-02-2022 05:22	49.989914	254.33336	261.6479	249.87212	446.8201	443.07095	436.66516	22.953884	24.24068	22.61856	-0.03013208	-0.07619974	-0.2538469	-0.11709475	178.3886	460.38113	1212.7498	1851.5195
05-02-2022 05:23	49.9511	254.27902	261.31833	250.24973	446.60483	442.8819	437.05133	23.005718	24.312914	23.340565	-0.033480342	-0.0732479	-0.12213654	-0.07656635	195.20088	474.22238	696.39044	1365.8136
05-02-2022 05:24	49.96414	254.37827	261.37143	250.8104	446.92953	443.4482	437.39514	23.044167	24.366987	23.34253	-0.036796235	-0.069881	-0.11572701	-0.07393757	214.8501	431.04037	676.0204	1321.9109
05-02-2022 05:25	49.96019	254.44777	261.27664	251.01955	447.0909	443.41	437.58884	23.60392	24.618723	23.393145	-0.018504806	-0.08051828	-0.115931496	-0.07144806	104.55556	535.76575	677.31885	1318.0269
05-02-2022 05:26	50.02533	253.9939	261.31265	251.08086	446.69946	443.57217	437.20175	22.552185	24.450253	23.350197	-0.06364945	-0.06877491	-0.11921131	-0.084550366	362.7167	455.62576	691.9183	1510.2606
05-02-2022 05:27	50.03081	253.52151	261.5319	250.87535	446.37933	443.64804	436.6559	22.533789	25.229704	23.377739	-0.060243025	-0.038849384	-0.11833569	-0.07113557	334.30453	252.12386	699.8307	1286.2592
05-02-2022 05:28	49.996407	253.5584	261.51877	250.48146	446.3351	443.27002	436.43848	22.463312	25.13959	23.264551	-0.056647655	-0.038502887	-0.12636323	-0.07215347	316.81262	251.68231	728.1996	1296.6946
05-02-2022 05:29	50.023235	254.06424	261.23834	249.91942	446.5344	442.74435	436.18567	22.44989	24.989025	22.510443	-0.05184457	-0.043348942	-0.22698098	-0.103691734	294.55408	284.6951	1260.3175	1839.5667
05-02-2022 05:30	50.02244	253.60701	261.01846	250.24289	446.03574	442.79675	436.01614	22.490192	24.98865	22.196081	-0.05457881	-0.04222787	-0.18445131	-0.09038202	309.8135	274.65894	1012.6361	1597.1084
05-02-2022 05:31	50.01974	253.6146	260.81287	250.03844	445.91122	442.2829	435.95578	22.493961	25.200937	22.147024	-0.054766394	-0.049870092	-0.18622582	-0.09363302	311.10553	326.53027	1020.35596	1657.9918
05-02-2022 05:32	50.014843	253.34853	260.51517	249.82782	445.3923	441.81918	435.59558	22.471298	25.327969	23.284878	-0.05749969	-0.052976675	-0.121091455	-0.076194845	324.18973	350.23096	685.1071	1359.5277
05-02-2022 05:33	49.99276	253.4792	260.3001	250.19965	445.49408	441.9281	435.8795	22.45743	25.405136	23.260078	-0.053416856	-0.05709363	-0.12241037	-0.07683359	298.8523	454.1853	958.6213	1711.7917
05-02-2022 05:34	50.00129	253.45633	260.6048	250.06644	445.523	442.31674	435.72318	22.456171	24.978075	23.200638	-0.04945572	-0.037993878	-0.12780833	-0.070430495	279.3963	256.98416	731.2279	1267.6084
05-02-2022 05:35	49.974834	253.4901	260.43057	249.717	445.45898	441.76303	435.4934	22.3851	24.213903	23.211672	-0.05054186	-0.07004655	-0.12879194	-0.0830883	287.84213	440.49982	738.7698	1467.1118
05-02-2022 05:36	49.964157	252.93541	260.19406	249.42923	444.69025	441.25046	434.90475	22.35308	24.100948	22.25782	-0.048933618	-0.07375742	-0.16407508	-0.09465219	281.16174	463.46002	897.9664	1642.5881

05-02-2022 05:37	49.95343	252.61139	260.2484	249.72668	444.7452	441.2715	434.87592	22.37716	24.201536	22.098793	-0.049124192	-0.07709657	-0.16193019	-0.094783016	277.06192	483.04425	883.8855	1643.9917
05-02-2022 05:38	49.902065	252.45302	259.9626	248.90381	443.9338	440.36597	434.39578	22.268484	24.109169	21.041544	-0.04689386	-0.081809565	-0.24160366	-0.118021205	255.27412	492.851	1256.918	2005.0432
05-02-2022 05:39	49.905464	252.68898	259.77054	249.10382	444.54282	440.42886	434.1531	22.262926	24.451427	21.565378	-0.050661586	-0.09337062	-0.20408072	-0.11379716	279.49512	601.0945	1079.5923	1960.1819
05-02-2022 05:40	49.89331	252.5234	259.68735	248.63655	443.8912	440.37683	433.6186	22.238424	24.496906	21.489012	-0.05041748	-0.0979724	-0.19704059	-0.112978004	282.55704	633.104	1084.6636	2000.3246
05-02-2022 05:41	49.855625	252.42413	259.44485	248.5929	443.92142	440.0921	433.2079	22.210875	24.078854	22.549587	-0.05085631	-0.07686829	-0.13426699	-0.08541106	285.96506	450.7977	741.0969	1477.8599
05-02-2022 05:42	49.85866	252.28183	259.69244	248.25354	443.93784	439.67825	433.2014	22.239708	24.673122	22.636627	-0.051093712	-0.060612507	-0.12829015	-0.07902534	285.3966	387.3691	712.724	1385.4897
05-02-2022 05:43	49.87195	251.94728	259.26984	249.12848	443.27695	440.03036	433.70163	22.253504	24.767342	22.824924	-0.051886886	-0.061919972	-0.17064364	-0.09344835	289.67053	396.30112	958.9672	1644.939
05-02-2022 05:44	49.86661	251.89444	259.2303	249.16869	443.48422	439.7172	433.7155	22.166716	24.759037	22.54983	-0.05181531	-0.059308007	-0.13026604	-0.07941743	289.05423	379.6781	724.27435	1393.0067
05-02-2022 05:45	49.879005	251.90044	259.05054	248.98547	443.08267	439.962	433.25812	22.267828	24.73606	22.659311	-0.052366197	-0.060687993	-0.1311398	-0.08052998	295.1276	387.36664	730.79834	1413.2925
05-02-2022 05:46	49.917816	251.86069	259.6794	248.94661	443.4198	439.9762	433.85663	22.284859	24.764975	22.635172	-0.050354376	-0.058779743	-0.12951925	-0.07937944	277.22076	396.73315	722.38983	1396.3438
05-02-2022 05:47	49.93008	251.71857	259.65408	249.17226	443.2831	440.10513	433.96252	22.311	25.3178	22.553879	-0.051369388	-0.08572377	-0.13478078	-0.09027806	284.15967	501.98654	752.5977	1538.7439
05-02-2022 05:48	49.924576	252.14484	260.0256	248.83597	443.81534	440.3699	433.97208	22.245829	24.28828	21.037771	-0.045240372	-0.09111131	-0.242026	-0.121833175	252.83075	575.6221	1252.7737	2081.2266
05-02-2022 05:49	49.92367	251.87132	259.9434	249.08186	443.32178	440.382	434.2543	22.283564	24.559614	21.04903	-0.049737472	-0.093528874	-0.2295966	-0.12095536	287.92285	587.9078	1193.5986	2069.4292
05-02-2022 05:50	49.930176	252.71936	259.31262	248.86629	443.71042	439.933	434.3211	22.276747	23.677187	21.070549	-0.051114418	-0.12434033	-0.27173412	-0.14588888	286.62317	759.8264	1427.6288	2474.0784
05-02-2022 05:51	49.92928	252.73764	259.26343	248.66534	443.60977	439.89743	434.05792	22.247917	23.68472	22.080505	-0.055502325	-0.11842887	-0.15768673	-0.11030866	323.32578	727.7295	857.33185	1908.3872
05-02-2022 05:52	49.935135	253.18414	258.86267	248.8819	443.79962	439.88947	434.32782	23.37717	23.743443	22.1066	-0.016756352	-0.11938493	-0.14733195	-0.093819566	104.481766	729.26825	803.1546	1636.9045
05-02-2022 05:53	49.92582	253.03304	258.50815	249.19601	443.51495	439.83224	434.3338	23.330786	23.680792	22.277985	-0.016618254	-0.120621964	-0.15602392	-0.09615578	105.84977	721.59595	845.9739	1673.4194
05-02-2022 05:54	49.9147	253.01714	258.21313	249.3753	443.16147	440.06216	434.22543	23.35308	24.400871	21.950014	-0.0212183	-0.1504571	-0.15693766	-0.109109096	121.53057	884.77344	848.67456	1854.9786
05-02-2022 05:55	49.91822	253.11511	258.12357	249.6649	443.38376	439.83658	434.7422	23.32638	23.870472	23.167538	-0.022734847	-0.121928155	-0.10999873	-0.08516268	133.7069	746.4114	629.2649	1509.3833
05-02-2022 05:56	49.903202	252.57669	258.18967	249.30717	442.92648	439.5819	434.02017	23.326475	23.720247	23.152897	-0.020504212	-0.12093208	-0.11582405	-0.08597683	119.931915	737.6963	662.0505	1519.6787
05-02-2022 05:57	49.935795	251.96375	258.9743	249.11006	442.7435	439.7535	433.98917	23.306036	24.453516	22.594492	-0.014013543	-0.09489609	-0.25174227	-0.11737803	82.00789	598.8269	1399.1198	2079.9546
05-02-2022 05:58	49.93499	252.03192	259.00262	248.99017	442.654	439.5409	434.24622	23.350513	24.616938	22.041035	-0.016032565	-0.078779526	-0.18301721	-0.08996484	84.497154	497.80518	995.87555	1578.1777
05-02-2022 05:59	49.95789	251.73074	258.88757	249.01765	442.341	439.41727	434.00873	22.271938	24.429134	22.01302	-0.056089625	-0.0680734	-0.19213015	-0.10301768	310.6673	403.3536	1048.117	1762.138
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
05-02-2022 06:00	50.02081	251.45137	258.598	249.53409	441.94397	439.86642	433.86615	22.35346	24.675943	23.757742	-0.06554334	-0.069471	-0.10002024	-0.07829377	361.42822	421.29974	591.3172	1374.0452
05-02-2022 06:01	50.09054	253.30238	260.8518	251.60205	445.5153	443.38873	437.46252	22.56092	25.178566	24.00999	-0.061995327	-0.07935979	-0.08846342	-0.07691948	352.9032	517.9905	528.9619	1399.8557
05-02-2022 06:02	50.09918	254.61888	262.2072	253.40625	448.2116	445.935	439.97195	22.694378	25.211872	24.148308	-0.06211597	-0.077419005	-0.09220192	-0.077498436	354.85272	517.974	555.8008	1428.6274
05-02-2022 06:03	50.101448	256.80466	264.56207	255.2811	452.12537	449.81488	443.29715	22.862114	25.197323	24.314987	-0.06231255	-0.06983085	-0.08804079	-0.073481046	359.12735	432.30414	541.70856	1333.1401
05-02-2022 06:04	50.11675	257.43243	265.48846	255.908	453.30844	451.35977	444.3507	22.797802	25.016764	24.601322	-0.05969911	-0.065833576	-0.12792401	-0.0845641	348.8614	437.12268	795.6021	1581.5862
05-02-2022 06:05	50.080437	257.16748	265.11948	255.52577	452.60425	451.05505	443.60175	22.795008	24.37073	24.330368	-0.05916083	-0.10169937	-0.085364155	-0.08311008	354.88345	652.70605	521.6616	1529.2512
05-02-2022 06:06	50.069126	256.9062	265.17368	255.16385	452.1235	450.60962	443.5388	22.747684	24.097956	23.088047	-0.05578863	-0.096969225	-0.16517344	-0.10572799	323.9801	616.7263	960.60114	1901.3076
05-02-2022 06:07	50.046738	256.33917	264.36566	254.88553	451.17413	449.59866	442.63452	22.704403	24.310177	22.999704	-0.057500113	-0.10329673	-0.15157467	-0.10410305	333.7477	665.7282	871.2809	1870.7568
05-02-2022 06:08	50.0237	256.5621	264.31772	254.79356	451.15005	449.61176	442.7877	22.668163	24.492172	23.051394	-0.05860542	-0.11278468	-0.15278898	-0.10826813	338.59076	719.39154	905.22955	1963.2119
05-02-2022 06:09	49.969364	256.17316	263.52322	254.46843	450.06345	448.74295	442.1264	22.644045	24.383205	24.136131	-0.062498037	-0.10684773	-0.08751146	-0.08636847	344.35638	692.50977	526.56683	1564.2065
05-02-2022 06:10	49.93717	256.31436	263.44867	254.12914	450.04364	448.34552	442.0704	22.561121	24.142044	24.11196	-0.055543482	-0.10024137	-0.0850753	-0.08126141	321.26968	636.0584	517.4112	1474.7393
05-02-2022 06:11	49.94374	256.21857	263.82114	253.84187	450.2574	448.52603	441.66434	22.553558	24.616123	24.353512	-0.053182837	-0.08504277	-0.12624978	-0.088612996	303.0268	550.4079	770.20215	1623.6367
05-02-2022 06:12	49.907127	254.98671	263.75656	253.48618	449.007	447.88223	440.69568	22.599346	25.180054	24.011559	-0.04929199	-0.0415036	-0.09556414	-0.062165964	291.6956	274.66974	574.90735	1141.2727
05-02-2022 06:13	49.932743	255.14929	263.84216	253.89824	449.44672	448.1121	441.16843	22.632113	25.097473	24.157373	-0.051295787	-0.033443112	-0.09054589	-0.05785016	294.3153	220.48596	549.768	1064.5692
05-02-2022 06:14	49.935146	254.72696	263.5804	253.77618	448.87497	447.60284	440.84943	22.572433	25.364931	24.119026	-0.052385665	-0.04916171	-0.08866761	-0.06314507	299.55545	327.27737	537.1454	1163.9781
05-02-2022 06:15	50.00208	254.8668	263.77682	253.96545	449.21408	448.02182	441.00476	22.67937	25.235998	24.163095	-0.050359532	-0.040150907	-0.09041102	-0.059858203	292.5656	264.7897	545.38794	1102.7432
05-02-2022 06:16	50.044865	255.30025	263.97452	253.50493	449.54477	447.82782	441.1627	22.72682	25.664722	22.935045	-0.046784215	-0.06340082	-0.15566467	-0.086718835	269.94876	425.8713	887.0415	1582.8616
05-02-2022 06:17	50.071247	254.4539	264.36105	253.66888	449.28702	447.81558	440.9164	22.702068	25.341608	22.973536	-0.04516843	-0.047817983	-0.15685527	-0.08152122	261.57663	304.0108	897.94745	1463.5349
05-02-2022 06:18	50.082024	255.2446	263.9694	253.53166	449.73392	447.91843	440.8309	22.6722	25.304888	23.37842	-0.0456437	-0.04369205	-0.20159523	-0.09494359	262.4217	290.6341	1180.1812	1733.237
05-02-2022 06:19	50.073257	254.97107	263.6323	253.97627	449.29208	447.60434	441.28693	22.846905	25.461313	24.126165	-0.050195158	-0.04456945	-0.0958643	-0.06311873	289.57822	297.58234	580.8462	1168.0067
05-02-2022 06:20	50.067867	255.14084	263.47763	253.54561	448.9333	447.5741	440.95923	22.647526	24.567575	24.15157	-0.051388305	-0.0777902	-0.08876004	-0.07311468	298.74255	523.5601	536.0519	1358.3545
05-02-2022 06:21	50.051243	255.35197	263.03918	253.69316	449.26492	447.2778	440.78952	22.667856	24.489986	24.137001	-0.05262684	-0.073508844	-0.08756269	-0.07158502	311.51132	490.7106	528.4094	1330.6313
05-02-2022 06:22	50.0444	254.99445	262.71158	253.76752	448.54965	447.10583	440.6153	22.587347	24.44338	24.155352	-0.054459874	-0.06815981	-0.08856042	-0.07064567	312.11374	435.4989	537.08075	1284.6934
05-02-2022 06:23	50.03014	255.30168	262.48886	253.31387	448.80087	446.69275	440.14267	22.590647	24.857624	24.10671	-0.054357283	-0.0929406	-0.09004758	-0.07985984	308.50266	585.4153	535.7711	1429.689
05-02-2022 06:24	50.012222	255.17337	262.23343	252.99286	448.36923	446.2349	439.8108	23.668901	24.407465	24.138435	-0.013775891	-0.07117537	-0.09041035	-0.05874366	85.03807	429.9458	540.83813	1055.822
05-02-2022 06:25	49.982334	254.84201	262.34296	252.2962	447.8891	445.86008	439.07867	23.588272	24.269806	22.842428	-0.008163372	-0.0927357	-0.18128614	-0.08776928	51.936245	590.3144	937.73016	1579.9807
05-02-2022 06:26	49.98853	255.27646	262.09485	252.36658	448.3225	445.6219	439.3276	23.614634	24.27328	22.28282	-0.013972702	-0.092951655	-0.18827869	-0.096028015	83.60153	587.5808	1043.7045	1714.8867
05-02-2022 06:27	49.987778	254.96922	262.02005	252.19576	447.89758	445.39764	439.01883	23.650959	25.030785	22.306154	-0.011231556	-0.062383037	-0.19036084	-0.084717706	67.38229	407.91476	1057.575	1532.8721
05-02-2022 06:28	50.006157	255.4129	261.4889	252.18187	448.14145	445.0863	438.91043	23.678453	25.285553	23.41958	-0.018889043	-0.06490098	-0.11376247	-0.06539133	113.54169	425.87006	664.9716	1204.3834
05-02-2022 06:29	50.00232	254.97658	261.19418	251.40724	447.1449	444.47754	437.90912	23.562243	25.112991	23.60957	-0.015373343	-0.064075224	-0.15553497	-0.07742626	91.92482	418.45923	912.47125	1422.8552
05-02-2022 06:30	50.025852	254.89224	261.13794	250.61624	446.97543	443.88123	437.06717	23.624245	25.378477	22.888348	-0.01632032	-0.0812187	-0.15130597	-0.081677265	97.20668	517.2405	855.6592	1470.1063
05-02-2022 06:31	50.022305	254.69147	260.73633	250.21094	446.35443	443.2165	436.60577	23.55546	25.388855	21.663467	-0.01485899	-0.08527609	-0.19405428	-0.09436498	81.07113	516.62885	1031.7109	1629.411
05-02-2022 06:32	50.047604	254.16693	261.60013	249.83253	446.36627	443.143	436.60297	22.502007	24.842533	18.517492	-0.047735732	-0.07661509	-0.52097636	-0.18587306	270.4277	494.96838	2317.5796	3082.9758
05-02-2022 06:33	50.03828	255.24396	261.2919	250.14726	447.07797	443.76913	437.13977	22.279968	24.919674	24.836405	-0.05343778	-0.07274719	-0.4696167	-0.19943707	301.82132	472.55676	2863.7632	3638.141
05-02-2022 06:34	50.05053	255.67307	261.56808	249.9974	447.55283	444.042	437.355	22.215559	24.935581	25.732677	-0.04913416	-0.074677095	-0.5097643	-0.21579283	270.79068	487.71283	3225.9902	3984.4937
05-02-2022 06:35	50.01337	255.35124	261.76782	249.10635	447.39142	443.44113	436.37244	24.625954	30.542664	29.025883	-0.1353473	-0.17266169	-0.61545765	-0.30855048	846.4756	1381.2292	4287.418	6515.123
05-02-2022 06:36	49.978043	254.47372	261.45755	249.26176	447.18158	443.35556	434.89108	26.646748	43.31379	41.08269	-0.13982756	-0.13209192	-0.57542014	-0.29229143	946.1129	1490.2871	5729.41	8165.8105
05-02-2022 06:37	49.98379	254.5765	261.17053	249.3677	447.1439	443.33194	434.8122	26.889534	43.74127	42.687866	-0.14323257	-0.13781396	-0.5378453	-0.28631353	976.99	1585.1422	5628.388	8190.52
05-02-2022 06:38	49.962666	254.32484	260.7203	249.52606	446.64963	443.09067	434.6002	26.880135	43.594395	43.94733	-0.14505811	-0.1302627	-0.5191246	-0.27904588	977.7233	1461.8862	5594.463	8034.0723
05-02-2022 06:39	49.978237	254.32541	260.65323	248.94542	446.33423	442.71338	434.17368	26.827377	43.358307	45.40098	-0.14117648	-0.12422942	-0.5655108	-0.29623297	957.7057	1373.5736	6302.9717	8634.251
05-02-2022 06:40	49.989	254.57149	260.83615	248.50455	446.80356	442.3441	434.06186	26.8495	43.363705	45.658943	-0.14192124	-0.123751	-0.56215703	-0.29600826	956.77844	1367.2399	6350.595	8674.613
05-02-2022 06:41	50.025696	254.47704	260.5862	248.37517	446.38736	442.34586	433.6497	26.868498	43.463055	45.96083	-0.14084241	-0.11156253	-0.5605885	-0.29110062	952.92664	1254.301	6313.791	8521.019
05-02-2022 06:42	50.0139	254.14417	260.57175	248.05573	445.88263	442.1215	433.2253	26.88061	44.28721	46.044243	-0.13965718	-0.09379987	-0.55881846	-0.2820659	945.40356	1073.956	6299.033	8318.393
05-02-2022 06:43	50.02614	253.84946	260.38174	248.09248	445.51886	441.9442	432.98956	26.834064	44.29214	46.733593	-0.13901165	-0.09443585	-0.57159054	-0.28870115	917.47125	1131.462	7118.6104	9167.543
05-02-2022 06:44	50.03857	253.45508	260.07153	247.79161	444.9503	441.46042	432.30063	26.822512	43.945328	45.77864	-0.13841625	-0.11201625	-0.59251755	-0.30175373	925.16437	1267.5581	6637.847	8831.522
05-02-2022 06:45	50.0178	253.0949	259.56003	247.26294	444.42465	440.2219	431.64462	26.72485	44.1286	45.642582	-0.1399224	-0.11753127	-0.5931968	-0.30407512	939.0846	1358.4723	6615.6055	8910.928
05-02-2022 06:46	50.010876	252.80873	259.1592	247.3096	444.02695	439.97388	431.17694	26.718842	43.902122	46.00355	-0.1366194	-0.10973024	-0.55615705	-0.28725794	915.7471	1229.4092	6244.8037	8389.96
05-02-2022 06:47	50.017334	252.8189	259.13754	246.95914	443.84665	439.78876	430.91647	26.687054	43.870396	46.053905	-0.13631724	-0.109764375	-0.5562586	-0.28742915	909.83	1251.2666	6381.729	8542.826
05-02-2022 06:48	50.01285	252.57698	258.7976	246.78215	443.35812	439.33377	430.54376	26.74566	43.80533	45.967983	-0.13538271	-0.10774604	-0.5551531	-0.2859187	907.95624	1211.7208	6213.3906	8333.067
05-02-2022 06:49	49.996563	252.89748	258.79623	247.18282	443.67365	439.63092	431.17325	26.867056	43.68397	44.961143	-0.13702223	-0.10416888	-0.50506616	-0.2636352	921.8082	1169.7433	5531.0376	7622.589
05-02-2022 06:50	50.00335	252.72336	258.75565	247.26947	443.51453	439.53616	431.2059	26.749886	42.879585	46.285156	-0.13902533	-0.12064732	-0.5012654	-0.27289814	932.8434	1329.0703	5653.1914	7915.105
05-02-2022 06:51	49.973873	252.77234	258.68073	247.51889	443.67285	439.72647	431.241	26.796776	42.925026	45.757477	-0.13993637	-0.11965487	-0.48642215	-0.2661769	941.4735	1322.4951	5423.752	7687.72
05-02-2022 06:52	49.95582	252.73486	259.84253	247.81458	444.98624	440.6639	431.46677	26.216066	49.825798	48.779274	-0.19398773	-0.13367283	-0.5655144	-0.31059152	1262.9781	1711.4862	6709.135	9683.599
05-02-2022 06:53	49.95118	253.85385	260.44943	247.71371	446.16946	441.42987	432.33496	28.91176	50.178795	52.434788	-0.21450731	-0.1237514	-0.5621525	-0.31387886	1553.0107	1601.7902	7200.7207	10355.522
05-02-2022 06:54	49.968697	254.1108	260.49603	247.85367	446.17383	441.70303	432.82086	29.976255	50.410896	52.654045	-0.19933414	-0.12839533	-0.5579221	-0.30972725	1499.8256	1673.9902	7181.615	10355.431
05-02-2022 06:55	49.935154	254.08719	260.56546	247.98868	446.2815	441.93866	432.7901	30.038063	50.359665	52.76169	-0.19785237	-0.12589377	-0.5570647	-0.30832496	1488.174	1648.0962	7185.1143	10321.385
05-02-2022 06:56	49.927464	254.12486	260.3273	248.74202	446.27682	442.35162	433.32846	30.045044	50.19822	53.28285	-0.19997692	-0.12123202	-0.5308094	-0.298232	1507.6704	1565.5696	6934.5454	10007.785
05-02-2022 06:57	49.931763	254.35666	260.3678	248.73807	446.3705	442.22394	433.82834	30.994808	51.215958	54.231613	-0.16481467	-0.11136671	-0.52884585	-0.27744254	1287.8691	1457.1783	6811.3506	9556.398
05-02-2022 06:58	49.963486	254.95383	260.9604	249.46877	447.46	443.53464	434.75116	31.146381	51.406536	53.776928	-0.16463257	-0.11168116	-0.5128949	-0.27807346	1298.2798	1507.8184	6791.1514	9597.249
05-02-2022 06:59	49.938553	254.7612	260.9013	248.5505	446.8291	442.8955	433.9992	31.081947	51.602367	53.68975	-0.16351166	-0.118197575	-0.5112634	-0.27917308	1282.2654	1579.9797	6738.1777	9600.422
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
05-02-2022 07:00	49.978767	255.81107	262.11603	249.79309	448.91925	444.94296	435.93832	31.208664	52.002827	53.933853	-0.16446292	-0.122996405	-0.5124462	-0.28142568	1301.3708	1664.428	6808.555	9774.3545
05-02-2022 07:01	50.001175	256.34225	262.3253	250.16379	449.61075	445.40277	436.70966	32.27109	51.793663	54.04503	-0.16388163	-0.11347612	-0.5194425	-0.2806039	1336.8142	1530.1558	6986.0957	9853.065

05-02-2022 07:02	50.083717	256.2326	262.3664	250.33916	449.47186	445.65836	436.77542	32.289677	51.96333	53.826622	-0.1633969	-0.11462625	-0.543079	-0.28867826	1334.958	1551.2256	7217.9517	10104.135
05-02-2022 07:03	50.094845	256.04105	262.58606	250.30434	449.63123	445.68307	436.58636	32.26524	51.739136	53.76053	-0.16374591	-0.11156436	-0.53847575	-0.28603327	1339.7484	1505.5378	7164.129	10009.415
05-02-2022 07:04	50.107567	256.18085	262.59323	250.34052	449.33603	445.65134	437.22598	32.232624	51.81063	54.09749	-0.1633248	-0.11332939	-0.5632844	-0.29651946	1328.6802	1544.2809	7536.9463	10409.907
05-02-2022 07:05	50.095802	255.93134	262.46262	250.4808	449.3862	445.66122	436.75214	31.307905	51.433746	53.9888	-0.20290008	-0.11600971	-0.5235999	-0.29474327	1618.3062	1560.7701	6985.9014	10164.979
05-02-2022 07:06	50.082085	255.64114	262.1504	250.22063	448.5897	445.19168	436.52063	31.32581	51.789825	53.92962	-0.20399056	-0.12729055	-0.5219018	-0.29507652	1603.003	1686.5156	6944.1772	10233.696
05-02-2022 07:07	50.041683	255.83797	261.7051	249.62871	448.36313	444.46747	436.01364	32.56423	51.639336	53.90032	-0.16096129	-0.11897476	-0.5190206	-0.28095737	1329.4542	1588.3546	6890.5166	9808.325
05-02-2022 07:08	50.001404	254.95668	260.97214	249.42857	446.91296	443.70413	435.07864	32.479702	51.128265	53.679806	-0.16189133	-0.12459361	-0.53425765	-0.29022765	1319.7368	1649.6788	7126.477	10095.893
05-02-2022 07:09	49.969322	255.11023	261.063	248.71494	447.0763	443.0583	434.7571	32.48935	50.90475	53.608498	-0.16098928	-0.11989608	-0.52132326	-0.28269598	1321.7108	1590.3313	6861.904	9773.946
05-02-2022 07:10	49.933628	254.63988	260.333	248.75343	446.20987	442.3941	434.26938	32.36303	50.95501	53.483124	-0.16143034	-0.124684796	-0.5232213	-0.28527448	1319.6318	1643.6671	6873.111	9836.41
05-02-2022 07:11	49.924694	254.16617	259.8315	248.1408	445.63068	441.67035	432.82205	32.255417	52.664574	55.824505	-0.16330293	-0.14265096	-0.54080874	-0.3012829	1329.5759	1949.0669	7179.638	10458.281
05-02-2022 07:12	49.92868	253.82799	259.70645	247.81613	445.06418	441.02905	432.67026	32.291904	56.197365	57.276443	-0.16200012	-0.14197385	-0.5567288	-0.30512273	1318.8345	2054.6653	7806.592	11180.092
05-02-2022 07:13	49.950798	253.38797	259.5587	248.15044	445.088	441.24487	431.98898	30.260403	57.10681	58.393635	-0.21936387	-0.13887353	-0.54894596	-0.31581625	1656.8484	2052.1438	7856.668	11568.598
05-02-2022 07:14	50.001656	253.41557	259.47763	248.22743	444.97244	441.21536	432.17307	30.996332	57.84739	58.744415	-0.20821854	-0.14658804	-0.55049735	-0.3164891	1626.4232	2231.9985	7920.297	11778.719
05-02-2022 07:15	49.968918	252.8065	258.81406	248.01054	443.9754	440.48123	431.31897	31.022245	57.413555	59.015503	-0.20902382	-0.14011036	-0.52200055	-0.30350438	1616.0569	2044.356	7551.759	11212.172
05-02-2022 07:16	50.022247	252.94814	259.2006	248.53583	444.42514	441.4086	431.76364	31.06384	57.6004	59.538116	-0.20865726	-0.14079121	-0.5078233	-0.29904425	1624.4417	2089.184	7417.5986	11131.225
05-02-2022 07:17	50.015778	253.10957	259.07233	248.53317	444.4562	441.12585	432.06842	31.147528	57.428226	59.556065	-0.2084846	-0.13949963	-0.507774	-0.29865876	1626.6289	2061.5786	7419.7744	11107.98
05-02-2022 07:18	50.021515	253.24811	258.89816	248.06429	444.3599	440.82245	431.5922	31.037106	57.523056	60.096558	-0.20914195	-0.14079621	-0.51871544	-0.3042462	1618.1326	2080.8918	7638.417	11337.441
05-02-2022 07:19	50.004498	252.42316	258.30292	247.05038	443.11884	439.44623	429.9988	31.054096	57.383102	59.43171	-0.20796052	-0.13985483	-0.5063521	-0.29789475	1601.398	2063.6848	7338.9478	11004.031
05-02-2022 07:20	49.972027	252.61618	257.76315	247.05197	442.8943	439.0728	429.98837	30.9019	56.42116	59.26082	-0.2104514	-0.1538149	-0.51001805	-0.3064627	1625.0564	2232.341	7372.5464	11229.943
05-02-2022 07:21	49.96603	252.30931	257.67206	247.10583	442.75253	438.60025	430.01355	30.915653	56.754692	59.148716	-0.20816384	-0.16058524	-0.54456466	-0.3217353	1613.0559	2330.2861	7743.0864	11686.366
05-02-2022 07:22	49.940197	251.79402	257.04327	246.71056	441.68967	437.76392	429.24307	30.860224	56.569256	58.921032	-0.20983587	-0.1585027	-0.5394691	-0.31929734	1615.9685	2279.6655	7743.0244	11638.658
05-02-2022 07:23	49.938114	251.78285	256.70703	246.65738	441.53452	437.40137	429.06274	30.764406	56.411148	58.9074	-0.20615858	-0.15741205	-0.54035276	-0.3186838	1583.4279	2265.5981	7755.5513	11604.578
05-02-2022 07:24	49.940674	252.0903	256.91165	246.61176	441.5646	437.98813	429.2488	30.78645	56.328617	59.4722	-0.20611127	-0.14609902	-0.5142024	-0.30473992	1589.3413	2101.3938	7457.403	11148.139
05-02-2022 07:25	49.952824	251.52824	257.05725	246.32828	441.17883	437.96436	428.4511	30.762196	56.379646	59.37854	-0.20429789	-0.14888674	-0.5419871	-0.31607696	1559.892	2135.5042	7821.3647	11516.76
05-02-2022 07:26	49.94914	251.38646	257.00348	246.08406	441.10977	437.5275	428.2013	30.732424	56.160667	58.49997	-0.20433086	-0.14542933	-0.5282481	-0.30822608	1560.7618	2091.691	7507.786	11160.239
05-02-2022 07:27	49.98488	251.77687	257.47488	246.54385	441.97787	438.1259	429.02786	30.940304	57.353935	58.58146	-0.20331462	-0.13595185	-0.5253745	-0.30183896	1561.784	2000.5793	7495.5957	11057.959
05-02-2022 07:28	50.000904	251.58757	257.5186	246.10027	441.81088	437.64645	428.66232	30.89055	57.688366	59.30427	-0.20138612	-0.14327842	-0.53629637	-0.30911863	1552.9554	2116.781	7712.0967	11381.834
05-02-2022 07:29	50.02674	251.44954	257.50586	246.04329	441.7161	437.59134	428.45325	30.912582	57.808258	58.60767	-0.20330131	-0.14390682	-0.52417684	-0.304112	1566.0989	2121.588	7458.579	11146.266
05-02-2022 07:30	50.066586	251.61356	257.41336	245.8675	441.655	437.43378	428.49033	31.931097	57.5124	58.412186	-0.16406952	-0.13885738	-0.55358535	-0.30400848	1303.2227	2014.861	7848.7207	11166.805
05-02-2022 07:31	50.05675	251.69853	257.14346	245.68678	441.59357	437.12885	428.21994	31.826868	57.33524	58.11255	-0.16706419	-0.13544875	-0.5515181	-0.30225238	1327.2211	1991.5803	7771.158	11089.96
05-02-2022 07:32	50.065914	251.13922	257.2045	245.68442	440.85855	437.22772	427.99048	31.769993	57.227264	58.708076	-0.16602357	-0.13572814	-0.562705	-0.30763343	1311.0842	1983.672	7928.208	11222.964
05-02-2022 07:33	50.06164	251.18687	257.01407	246.34259	440.9534	437.25177	428.7601	31.82541	57.401733	58.698624	-0.17004034	-0.13509586	-0.5234712	-0.29308835	1340.9983	1989.1832	7474.304	10804.484
05-02-2022 07:34	50.04224	250.98785	256.60764	245.91144	440.52356	436.72717	427.91583	31.806023	57.13692	58.665665	-0.1682894	-0.13399218	-0.52199763	-0.29187432	1330.0522	1952.0469	7432.9414	10715.04
05-02-2022 07:35	50.05481	251.61043	257.12823	246.61252	441.563	437.8869	428.9067	31.867138	57.019974	59.307983	-0.17015679	-0.15807332	-0.53467405	-0.30791232	1344.0713	2281.3274	7616.5625	11241.961
05-02-2022 07:36	50.052635	252.02231	257.25543	246.49086	441.80743	437.8092	429.46652	31.914732	56.903595	58.703503	-0.16889696	-0.15378343	-0.5227629	-0.30146444	1353.5701	2258.9297	7460.528	11073.027
05-02-2022 07:37	50.034893	252.0538	257.1317	245.95755	441.60562	437.36035	429.03574	31.87176	56.32187	58.558487	-0.17040013	-0.1603152	-0.52398956	-0.3040996	1351.1165	2303.9985	7440.4395	11095.555
05-02-2022 07:38	50.014557	251.19247	256.79837	245.5172	440.88232	436.52524	427.76797	30.894539	56.27327	58.468987	-0.20848463	-0.16013119	-0.5226585	-0.31244364	1592.4775	2279.5708	7394.6367	11266.685
05-02-2022 07:39	50.016094	251.70444	256.9664	246.52386	441.7547	437.33588	428.99817	30.964073	56.34214	58.58114	-0.2095807	-0.15970123	-0.5242352	-0.31337294	1612.7338	2305.0693	7686.05	11603.853
05-02-2022 07:40	49.98157	251.40485	256.85034	245.81377	441.22916	436.63248	428.28497	30.850853	56.101074	58.17614	-0.20662358	-0.15863374	-0.55605155	-0.3244174	1587.7852	2285.1648	7858.4307	11731.381
05-02-2022 07:41	49.98051	251.065	256.28253	245.40054	440.56622	435.78717	427.5028	30.885994	56.00906	58.071674	-0.20695601	-0.15643302	-0.55504763	-0.32321575	1585.2052	2245.5637	7803.9043	11634.673
05-02-2022 07:42	49.979652	251.28923	256.8484	245.5567	441.17975	436.29428	428.0285	30.848406	56.819576	58.523804	-0.20566042	-0.14460593	-0.57813317	-0.32679918	1577.5981	2092.5835	8109.023	11779.204
05-02-2022 07:43	50.025112	251.3055	256.64093	246.0571	441.365	436.4698	428.19412	30.823643	57.694946	58.43975	-0.19068605	-0.15742838	-0.5426701	-0.31419098	1460.2479	2302.6584	7692.3804	11455.287
05-02-2022 07:44	50.006958	251.6681	257.04773	244.83736	441.24677	436.3768	427.63663	30.614492	56.926785	60.619717	-0.18453932	-0.14656842	-0.6206969	-0.34334368	1396.9912	2124.3413	9100.553	12621.885
05-02-2022 07:45	50.03609	251.1933	256.5274	246.40053	441.05655	436.82242	428.3468	30.838678	57.06334	59.193172	-0.18926011	-0.14481576	-0.5232592	-0.303129	1448.5631	2107.3582	7526.724	11082.6455
05-02-2022 07:46	50.05327	251.4896	256.87747	246.79623	441.74496	437.4845	428.79956	30.886757	57.170296	59.25036	-0.19112349	-0.1458241	-0.5219896	-0.30344978	1459.3906	2142.3096	7729.7905	11332.428
05-02-2022 07:47	50.04781	251.40704	256.96793	246.75314	441.6838	437.26053	429.03006	30.804766	57.073017	59.146133	-0.18886882	-0.14349827	-0.5360323	-0.30753818	1451.1042	2081.0254	7731.165	11263.295
05-02-2022 07:48	50.05594	251.35168	257.07	245.57909	441.2088	436.80948	428.0135	30.808506	57.068848	59.01371	-0.18759692	-0.144062	-0.53238755	-0.30544838	1439.0594	2087.783	7612.029	11138.871
05-02-2022 07:49	50.042618	251.63379	257.1028	245.65863	441.33063	437.01947	428.36166	30.737288	57.02147	59.16573	-0.18701586	-0.14532861	-0.5745399	-0.32272267	1424.0251	2124.727	8178.089	11726.841
05-02-2022 07:50	50.044373	251.68129	256.90533	245.54546	441.3749	436.80392	428.07468	30.752037	56.65819	58.8034	-0.18858306	-0.1654331	-0.56475896	-0.32709065	1439.6902	2437.2117	8042.0483	11918.95
05-02-2022 07:51	50.042286	251.34312	256.81717	246.04907	441.46237	436.739	428.18524	30.772247	56.81707	58.56401	-0.19021054	-0.17367855	-0.56061214	-0.3289316	1453.839	2495.1277	7962.737	11911.704
05-02-2022 07:52	50.058002	251.19316	256.58035	246.08263	441.0934	436.6435	428.03345	30.78767	56.34461	59.070435	-0.19102715	-0.16494122	-0.5334203	-0.31605226	1459.1051	2357.3801	7643.4224	11459.907
05-02-2022 07:53	50.06051	251.18423	256.02032	245.89066	440.4443	436.20615	427.79333	30.77915	56.131355	59.05017	-0.1919007	-0.16196898	-0.5323922	-0.31492013	1465.6477	2302.0498	7624.858	11392.555
05-02-2022 07:54	50.05965	251.31898	256.13232	245.38834	440.34595	436.19147	427.4654	30.78096	56.233334	59.246635	-0.19240192	-0.16624711	-0.52082723	-0.311729	1451.4142	2362.7275	7481.1475	11295.289
05-02-2022 07:55	50.057606	251.09538	255.91614	245.29071	440.0611	435.80887	427.20276	30.72633	56.061443	59.14288	-0.19123036	-0.16504318	-0.5234804	-0.31255382	1459.1163	2348.6396	7485.7812	11293.537
05-02-2022 07:56	50.050213	250.78716	255.75058	245.04955	439.6912	435.3671	426.77908	30.709702	56.232185	59.55711	-0.19101156	-0.16836146	-0.5203115	-0.3122976	1452.8159	2394.24	7427.408	11274.464
05-02-2022 07:57	50.072357	250.71608	256.0686	245.7424	440.08176	435.86398	427.52206	30.155087	57.380527	59.134907	-0.21857083	-0.16128401	-0.51715934	-0.31242737	1630.5991	2311.9512	7395.2007	11337.752
05-02-2022 07:58	50.05531	251.40852	255.22212	245.2563	439.75522	435.26047	427.3258	30.11482	57.29118	59.000984	-0.2149467	-0.15880045	-0.51749563	-0.31203204	1610.2928	2293.0742	7387.252	11290.619
05-02-2022 07:59	50.05015	251.14723	255.27658	245.51184	439.7757	435.3893	427.2612	29.861277	56.715374	59.124893	-0.22324836	-0.1520114	-0.55630296	-0.3270665	1650.963	2173.4163	7964.724	11789.104

Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
05-02-2022 08:00	50.06421	251.34795	255.28728	245.58693	440.2114	435.1938	427.51993	29.803831	56.802635	58.957382	-0.22266327	-0.15183808	-0.5568958	-0.32699847	1659.2625	2181.0557	7953.1387	11793.457
05-02-2022 08:01	50.09061	251.6498	255.47247	245.58798	440.363	435.66504	427.73962	30.002811	56.816193	59.459763	-0.22614618	-0.15160036	-0.52847666	-0.3172988	1681.6084	2206.9172	7623.586	11512.111
05-02-2022 08:02	50.12057	252.45348	256.05832	246.4278	441.3056	436.98404	429.33563	30.077923	57.140354	59.38633	-0.22741708	-0.15507078	-0.5205698	-0.31490928	1701.8059	2251.0132	7514.334	11467.153
05-02-2022 08:03	50.10407	252.01878	255.51584	245.8109	440.93268	435.87613	428.05493	30.035631	56.986343	59.178307	-0.2277724	-0.15524773	-0.5193578	-0.31936488	1688.9703	2233.7039	7693.565	11616.239
05-02-2022 08:04	50.0958	251.88478	255.341	246.0417	440.64795	435.92114	428.15488	30.010092	57.327885	59.214714	-0.22787389	-0.16357194	-0.52084744	-0.31817663	1704.1868	2408.0312	7487.236	11599.453
05-02-2022 08:05	50.078045	251.7077	254.85858	246.02031	440.116	435.15524	428.27527	30.022467	56.555885	59.175987	-0.22907102	-0.1774579	-0.52114445	-0.32494104	1695.4663	2457.021	7484.7783	11637.266
05-02-2022 08:06	50.051075	251.2552	254.31516	245.33812	439.3609	434.07672	427.20303	29.855896	55.963898	59.86376	-0.22735831	-0.16628358	-0.53917944	-0.32891622	1692.8501	2337.434	7800.561	11830.845
05-02-2022 08:07	50.05055	251.38872	254.75435	244.2526	439.31653	433.92606	426.5233	30.761887	56.039043	59.062637	-0.18935233	-0.16187805	-0.52482134	-0.3113702	1448.1245	2283.1367	7476.5	11207.762
05-02-2022 08:08	50.02791	251.03726	254.3249	244.11308	438.38196	433.64636	426.13522	30.750126	55.99338	58.550026	-0.18784474	-0.16267234	-0.5520112	-0.3213433	1430.9304	2293.893	7788.126	11512.949
05-02-2022 08:09	50.01371	250.63266	254.06245	244.082	437.95572	433.39374	425.60187	30.654222	56.243645	58.788063	-0.1888341	-0.17234932	-0.5570606	-0.32756758	1432.2622	2440.156	7888.585	11761.004
05-02-2022 08:10	50.017193	250.27147	253.94897	244.16298	437.6659	433.19482	425.4107	30.696354	56.317066	58.957382	-0.18792874	-0.17154215	-0.55889964	-0.32823637	1427.418	2429.4749	7942.11	11799.003
05-02-2022 08:11	50.01789	250.52428	253.95946	244.58444	438.10452	433.52435	425.82288	30.78842	56.43013	59.307514	-0.19224761	-0.17939883	-0.5300001	-0.32088986	1460.4639	2535.6692	7579.309	11575.441
05-02-2022 08:12	50.015156	250.36406	253.66365	244.83136	438.13733	433.167	425.7815	30.785034	57.751343	59.21588	-0.19356176	-0.17923418	-0.53284556	-0.3191936	1464.044	2558.643	7612.4404	11635.127
05-02-2022 08:13	50.03414	250.58887	253.95628	244.39745	438.3408	433.3678	425.52545	30.76701	57.165165	59.779022	-0.19104244	-0.16781291	-0.54040915	-0.32017717	1455.003	2432.398	7780.351	11667.752
05-02-2022 08:14	50.038326	248.51797	254.47375	244.63864	436.86786	433.1633	424.95602	29.88141	57.55589	59.3022	-0.22791234	-0.16643545	-0.53229386	-0.3237742	1674.3727	2423.2559	7615.178	11712.808
05-02-2022 08:15	50.04459	248.74199	254.48042	244.64906	437.04535	433.37753	424.97922	29.977274	57.817047	59.583595	-0.23247449	-0.17904796	-0.51827633	-0.32434773	1708.5217	2607.5215	7459.6343	11775.678
05-02-2022 08:16	50.050983	247.45308	253.97758	244.72217	435.6183	432.77554	424.03006	29.872345	57.848213	59.642063	-0.23189527	-0.18050781	-0.52060837	-0.3260066	1696.9124	2646.1606	7482.1045	11825.178
05-02-2022 08:17	50.05784	247.41954	253.9618	243.9591	435.66284	431.6862	423.67764	29.857204	57.886482	59.064476	-0.22895086	-0.18783087	-0.54925174	-0.33870962	1663.4313	2737.092	7802.923	12203.446
05-02-2022 08:18	50.052094	247.98901	253.72415	244.50842	436.077	432.36865	424.0927	29.868225	57.912746	59.35448	-0.2304019	-0.18646729	-0.5526855	-0.34028077	1678.2666	2697.5679	7896.306	12272.141
05-02-2022 08:19	50.06461	248.14714	253.9287	244.35895	436.11078	432.32855	424.47485	29.947159	58.444855	58.9875	-0.23005538	-0.19345021	-0.5608415	-0.34510142	1689.6499	2791.5146	7961.0615	12442.227
05-02-2022 08:20	50.07699	248.46489	254.23303	244.48738	436.56757	432.7553	424.89282	29.844103	57.26164	59.458366	-0.22994465	-0.20262443	-0.563635	-0.35172936	1680.2002	2908.9355	8084.644	12679.654
05-02-2022 08:21	50.067947	247.91675	253.79424	244.00594	435.79984	432.02927	423.84314	29.842756	56.86875	58.726936	-0.23064914	-0.19791797	-0.55081165	-0.34398922	1671.9457	2829.1702	7783.98	12285.096
05-02-2022 08:22	50.05924	247.25597	253.35223	243.92746	435.18896	431.38718	423.04642	29.800915	56.892082	58.756866	-0.23158343	-0.19597878	-0.5581687	-0.3462121	1671.4976	2827.0168	7858.3975	12356.912
05-02-2022 08:23	50.046787	247.11972	253.11053	244.00502	434.56628	431.46747	423.06506	29.792936	57.17005	58.84665	-0.2304767	-0.20515934	-0.5546902	-0.34897485	1673.9369	2945.0393	7835.1826	12454.159
05-02-2022 08:24	50.04755	247.08627	252.83005	244.0961	434.7057	430.88943	423.11343	29.640701	56.89844	58.754517	-0.23092113	-0.19646738	-0.5528975	-0.34490392	1672.0066	2794.8525	7806.972	12273.83
05-02-2022 08:25	50.01291	246.4729	252.4282	243.2903	433.46515	430.29272	421.80045	29.659224	56.873367	58.506165	-0.22978498	-0.20252068	-0.55324775	-0.3468955	1654.7666	2888.071	7755.037	12297.875
05-02-2022 08:26	49.990856	246.16599	252.12961	242.25334	432.68542	429.23145	420.80463	29.662716	57.21556	58.293518	-0.23159969	-0.21459615	-0.5511954	-0.35059166	1661.4658	3045.745	7682.437	12389.648
05-02-2022 08:27	49.966225	245.4285	251.69807	241.99011	431.9022	428.2701	420.07007	29.610592	57.65816	58.436096	-0.22634341	-0.19624703	-0.59042233	-0.35735548	1630.2249	2827.4988	8189.3447	12647.068

Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
05-02-2022 08:28	49.97076	245.122	251.67963	241.67804	431.48358	427.99344	419.66632	29.631577	57.272205	57.91352	-0.22686423	-0.18620706	-0.58065826	-0.34916386	1621.5424	2649.9902	8011.5747	12277.607
05-02-2022 08:29	50.006832	245.13078	251.79593	242.02863	431.71674	428.19238	420.05658	29.619753	57.345703	58.220947	-0.22564258	-0.1864659	-0.5816266	-0.34978867	1610.3047	2655.885	8076.4785	12342.668
05-02-2022 08:30	49.99032	245.10645	251.62244	242.31645	431.6309	428.35147	420.13345	29.61657	57.636467	59.00482	-0.2299422	-0.19028553	-0.56665045	-0.3473515	1641.6241	2703.721	7747.0254	12092.371
05-02-2022 08:31	50.021164	245.2174	251.53558	242.06827	431.47186	428.36932	419.88638	29.643972	57.30519	58.929325	-0.22928302	-0.18745296	-0.54188955	-0.33584127	1646.7197	2666.1294	7586.882	11899.731
05-02-2022 08:32	50.05075	245.04034	251.53267	241.894	431.3049	428.30844	419.50223	29.674313	57.46487	58.998875	-0.2287959	-0.1878576	-0.5467734	-0.3382694	1639.1311	2685.2524	7694.765	12019.148
05-02-2022 08:33	50.0519	245.89186	251.27705	243.03734	431.8174	429.14212	421.1503	26.403969	50.790886	52.13352	-0.1808012	-0.2179194	-0.4820633	-0.31495988	1158.923	2750.1174	6013.661	9922.701
05-02-2022 08:34	50.053196	245.76418	251.3367	243.4527	432.16257	429.36047	421.18393	26.485298	50.81776	52.55749	-0.1801817	-0.21618976	-0.4955759	-0.3224587	1164.5446	2797.7869	6266.1543	10228.485
05-02-2022 08:35	50.05097	245.4092	251.3869	243.66005	431.87943	429.45728	421.20303	25.518852	50.49182	52.339096	-0.21364683	-0.20731269	-0.48059013	-0.31799105	1316.0284	2596.3474	6028.704	9941.08
05-02-2022 08:36	50.05023	246.66525	252.67209	244.1452	434.12027	430.75354	422.9167	25.556536	49.892876	52.085518	-0.210662	-0.22259876	-0.511984	-0.3361736	1306.9597	2768.563	6400.5586	10476.082
05-02-2022 08:37	50.046413	248.13487	253.86949	245.03932	436.0346	433.1393	424.78464	25.522785	49.884163	52.15045	-0.21019436	-0.2201482	-0.51753145	-0.33761582	1314.3342	2755.793	6521.673	10591.799
05-02-2022 08:38	50.04286	248.18947	254.57098	244.84473	436.05957	433.62057	425.26248	25.502188	43.73539	46.49513	-0.20170094	-0.18591692	-0.5188897	-0.32047018	1260.8857	2046.6381	5815.1426	9122.667
05-02-2022 08:39	50.024925	247.44289	253.80481	246.17688	435.56232	433.45984	425.59116	25.563448	43.52882	42.303535	-0.21650498	-0.18261445	-0.348181	-0.2521382	1352.5475	1997.6245	3564.1108	6914.2827
05-02-2022 08:40	50.029083	247.3408	253.8177	246.40842	435.60846	433.3049	425.9447	25.43917	43.579197	42.35941	-0.23243898	-0.17742722	-0.34357005	-0.25210375	1444.5568	1941.0759	3525.8901	6911.523
05-02-2022 08:41	50.01951	247.80867	254.437	247.00208	436.67117	434.39453	426.70316	25.485098	43.999184	42.863434	-0.23255652	-0.18296292	-0.36326903	-0.26187077	1448.5756	2022.4128	3778.9866	7249.975
05-02-2022 08:42	50.027138	248.27855	254.4143	247.27013	437.20932	434.48483	427.30798	25.54203	43.735695	42.480232	-0.23315404	-0.17691302	-0.3429541	-0.2517628	1459.7816	1947.6431	3537.1814	6944.6064
05-02-2022 08:43	50.040794	248.55571	254.7377	247.00168	437.70853	434.60956	427.2648	25.57531	44.5074	42.44402	-0.23198535	-0.1582624	-0.34524575	-0.24424368	1456.319	1774.2828	3557.9812	6788.583
05-02-2022 08:44	50.032593	249.62184	255.85466	247.98845	439.33847	436.4379	429.30023	25.577478	44.461838	42.870083	-0.23188691	-0.15888	-0.36749542	-0.252774	1454.2174	1790.9016	3842.9026	7088.0215
05-02-2022 08:45	50.01461	249.31259	255.93472	246.86697	438.77573	435.6532	428.32132	26.389902	44.47088	41.716366	-0.1864183	-0.16366912	-0.38644138	-0.24980852	1208.9296	1850.0237	3909.0562	6968.009
05-02-2022 08:46	50.049873	249.14938	255.83148	247.46278	438.69327	435.8079	428.8125	26.466055	44.266373	41.71044	-0.1857743	-0.15664673	-0.3807263	-0.24501261	1206.5498	1767.303	3863.7747	6837.6274
05-02-2022 08:47	50.04433	249.75941	255.97014	247.60713	439.2584	436.1731	429.42834	26.43965	44.42045	41.661186	-0.18684532	-0.16119713	-0.37697574	-0.24658312	1216.3536	1846.3386	3835.7168	6898.409
05-02-2022 08:48	50.036316	249.62149	255.30792	248.05515	439.1494	435.81995	429.26605	26.436035	44.52598	42.430172	-0.19387496	-0.18537928	-0.33945656	-0.24403316	1254.6426	2088.3547	3529.238	6872.2354
05-02-2022 08:49	50.069256	250.76768	256.11588	248.39377	440.59406	436.9285	430.6897	26.562231	44.460068	42.604416	-0.19031094	-0.16474985	-0.34153852	-0.23575439	1249.8944	1841.8083	3553.5288	6645.232
05-02-2022 08:50	50.066837	250.93347	256.42908	248.66345	440.911	437.7023	430.8965	26.595575	44.60947	42.686455	-0.18983015	-0.16393042	-0.3376544	-0.23439457	1253.7593	1870.2444	3523.1033	6647.107
05-02-2022 08:51	50.08045	250.7404	256.33624	248.76703	440.5461	437.6261	431.0213	26.48409	43.485443	43.028473	-0.19143957	-0.17955446	-0.35745552	-0.24895082	1264.1288	1984.7126	3766.6372	7015.4785
05-02-2022 08:52	50.080803	248.74971	255.58391	248.28061	438.7118	436.06848	428.81577	29.968407	41.521576	42.742874	-0.77310157	-0.5193956	-0.64110494	-0.6304775	5706.117	5442.8247	6695.261	17844.203
05-02-2022 08:53	50.08785	249.03735	255.22116	248.55165	438.4935	436.22397	429.21317	29.993675	41.2344	42.772644	-0.79724646	-0.51075727	-0.635334	-0.63191366	5913.176	5291.5967	6656.3647	17861.137
05-02-2022 08:54	50.083187	249.5833	256.32678	248.49142	439.24588	437.11157	430.34317	29.688265	41.166496	42.66783	-0.78712994	-0.50151044	-0.6708307	-0.6385221	5806.551	5248.0293	7007.408	18061.988
05-02-2022 08:55	50.097546	249.24548	257.4416	248.30174	440.20447	437.61713	429.90857	29.59753	41.97251	42.092472	-0.7778217	-0.49892944	-0.67155194	-0.6339433	5688.5293	5319.0063	6912.493	17920.03
05-02-2022 08:56	50.138756	249.56075	257.66846	248.37685	440.7994	437.6632	430.3351	29.459326	41.654858	41.843647	-0.7722416	-0.48432097	-0.6601218	-0.6230372	5648.5156	5136.469	6760.7524	17545.738
05-02-2022 08:57	50.124332	249.59335	257.61023	248.8393	440.8077	438.4029	430.34317	29.465494	41.074696	41.835564	-0.7686626	-0.47007382	-0.6176232	-0.60184735	5605.1953	4916.671	6335.4253	16857.293
05-02-2022 08:58	50.143124	249.86432	258.18652	249.62791	441.77716	438.92526	431.67545	29.34325	41.542717	42.469055	-0.76497245	-0.44467238	-0.62844604	-0.59463084	5567.244	4723.533	6564.856	16855.633
05-02-2022 08:59	50.14041	249.7297	258.431	249.78577	441.71558	439.20895	431.91776	29.305542	41.571384	41.861725	-0.75887275	-0.44271842	-0.6132426	-0.58636576	5512.6465	4715.8257	6321.0376	16549.51
05-02-2022 09:00	50.143158	249.03186	257.49872	248.8122	440.11395	438.25836	429.96994	26.591444	40.247444	39.817204	-0.66989446	-0.34230942	-0.5366916	-0.4944559	4388.776	3526.3708	5234.165	13149.312
05-02-2022 09:01	50.138004	248.19246	253.63695	246.34938	435.8339	433.59198	426.48898	27.253231	40.344215	40.354763	-0.6966031	-0.3691769	-0.55695003	-0.5205592	4680.9272	3748.7266	5403.2856	13832.939
05-02-2022 09:02	50.085148	242.8251	248.44151	241.12042	426.59387	424.3879	417.58365	27.167006	39.580658	39.98446	-0.70000017	-0.36761424	-0.5553445	-0.5217506	4603.2773	3586.8877	5269.1045	13459.27
05-02-2022 09:03	50.07149	240.50502	246.06866	238.69815	422.50333	420.2793	413.45944	27.414724	39.90567	39.91114	-0.7114802	-0.388305	-0.5641301	-0.5352915	4662.3765	3779.9683	5294.08	13736.426
05-02-2022 09:04	50.060276	238.00754	244.06282	235.3813	418.09308	415.8753	408.74048	27.42841	39.2115	39.521206	-0.7197713	-0.39391947	-0.6088573	-0.5562213	4665.122	3741.186	5587.9077	13994.217
05-02-2022 09:05	50.057945	238.52077	243.13098	235.51044	418.22656	415.4356	408.53003	24.824062	42.19924	40.052933	-0.22789893	-0.1348936	-0.41565728	-0.25928453	1334.3083	1375.8267	3860.8184	6570.953
05-02-2022 09:06	50.045013	237.0593	241.18483	234.11324	415.55185	412.30283	406.0099	24.769266	41.36698	39.772495	-0.22754131	-0.1496137	-0.378759	-0.25219783	1311.3342	1476.5333	3482.8076	6271.269
05-02-2022 09:07	50.016426	234.36092	240.93655	233.60617	412.52997	411.16486	404.2008	24.798107	41.02894	40.437805	-0.22933722	-0.14419402	-0.33857042	-0.23662971	1319.262	1416.0399	3154.2002	5889.502
05-02-2022 09:08	50.038597	240.3884	246.73508	238.45056	422.7176	420.63782	413.42004	25.141956	41.97166	41.306633	-0.23203555	-0.14695245	-0.33946958	-0.23809415	1396.7737	1518.6265	3276.1096	6191.51
05-02-2022 09:09	50.02361	245.85085	252.31618	244.13876	432.63492	430.1262	422.99274	25.536137	42.6028	41.678307	-0.23124802	-0.14540228	-0.34982392	-0.24138094	1434.6365	1552.1782	3507.957	6494.7715
05-02-2022 09:10	50.02371	245.45206	251.60362	243.46931	431.50046	429.0603	422.1078	25.515804	42.897392	41.310886	-0.23057371	-0.15487449	-0.341156	-0.2412388	1424.9005	1656.0717	3378.1992	6459.171
05-02-2022 09:11	50.04107	243.73523	250.96246	243.4366	429.6554	427.9263	420.94217	24.033218	42.471012	41.382935	-0.28828028	-0.14215638	-0.34264386	-0.24997449	1665.7964	1501.5039	3392.3157	6559.616
05-02-2022 09:12	50.039646	244.59038	250.9738	243.39088	430.23074	428.32977	421.38525	24.095524	42.392006	41.688114	-0.28486142	-0.14479704	-0.36067045	-0.25744107	1653.1212	1530.3323	3603.5352	6786.9883
05-02-2022 09:13	50.02333	243.01811	250.90262	242.17505	428.5195	426.82776	419.65536	23.811552	42.933784	40.63571	-0.2899205	-0.12635963	-0.38486004	-0.25811762	1650.6628	1347.3333	3733.9268	6731.923
05-02-2022 09:14	49.98399	242.39874	251.29747	242.94487	428.75668	426.92947	420.2479	24.162716	42.493713	32.285316	-0.28374055	-0.12818508	-0.2845016	-0.21548063	1638.6472	1362.5747	2199.9636	5201.1855
05-02-2022 09:15	49.985226	242.55171	251.31741	242.97876	429.091	426.60922	420.58325	24.17325	42.759342	31.428823	-0.28332278	-0.13458349	-0.31989238	-0.2285165	1636.1913	1438.2734	2406.2732	5480.738
05-02-2022 09:16	49.964607	242.48413	250.94893	243.1673	428.93298	426.60385	420.3181	24.190466	42.706573	32.461254	-0.28648528	-0.14210866	-0.28483912	-0.2223791	1650.1085	1506.7772	2294.03	5450.9155
05-02-2022 09:17	49.96551	243.36424	251.22182	243.42006	429.03836	427.42792	421.8243	24.060652	34.278557	26.620333	-0.29667816	-0.19058682	-0.242771	-0.23625389	1727.8062	1669.2727	1550.4474	4940.4014
05-02-2022 09:18	50.00297	244.92836	252.85994	244.92047	431.9934	430.0187	424.42358	24.100943	34.283142	26.731949	-0.28329453	-0.18203898	-0.24317922	-0.22912559	1648.8081	1581.1438	1570.2512	4800.203
05-02-2022 09:19	49.99609	245.99248	254.31357	246.06607	434.06006	432.30807	426.41504	24.051186	34.441193	27.078892	-0.28404567	-0.1815431	-0.24714802	-0.23027211	1658.2257	1577.1316	1610.0767	4845.434
05-02-2022 09:20	50.0199	246.43161	254.10295	245.65274	434.20398	432.11685	426.14908	24.70589	34.592827	26.819916	-0.31744173	-0.18324378	-0.2400722	-0.23760556	1903.4644	1575.1007	1555.5728	5034.1377
05-02-2022 09:21	50.035904	245.78746	253.21593	245.08212	432.82193	431.0746	424.9338	24.43489	33.69196	26.74617	-0.31585023	-0.20221496	-0.24484535	-0.24772623	1867.2108	1706.6997	1581.795	5155.7056
05-02-2022 09:22	50.054234	245.21999	252.58054	244.65822	432.06857	429.93033	424.01086	24.497824	33.79836	26.731754	-0.31611776	-0.20309165	-0.23881847	-0.24627271	1869.2644	1716.2297	1541.1704	5126.6646
05-02-2022 09:23	50.031868	245.98293	251.58315	243.52888	432.10492	428.34616	423.19943	24.588816	33.63156	25.811502	-0.32369277	-0.20418184	-0.33078495	-0.27714854	1923.2587	1710.7019	2079.9521	5713.912
05-02-2022 09:24	50.045376	245.55466	251.18292	243.59428	431.34058	428.16968	422.81573	24.72506	34.61036	25.795061	-0.32800508	-0.20445962	-0.29951662	-0.2679865	1957.4265	1751.8948	1853.459	5562.7803
05-02-2022 09:25	50.037407	245.25914	250.90292	242.90854	430.63535	427.47238	422.03745	25.168556	34.46178	25.893833	-0.27647373	-0.20581238	-0.30065975	-0.25462276	1682.4852	1758.43	1855.1062	5296.0215
05-02-2022 09:26	50.027264	245.63393	251.01158	242.98515	430.91125	427.99625	422.20877	25.208225	34.195503	26.631325	-0.2779514	-0.19247463	-0.23977977	-0.23172368	1698.2358	1643.6782	1530.893	4872.807
05-02-2022 09:27	50.01249	245.03555	250.30893	242.69926	430.13766	426.89523	421.33124	25.196592	34.153873	26.576546	-0.27944928	-0.19352704	-0.2424488	-0.23341712	1694.5732	1631.765	1533.0166	4859.355
05-02-2022 09:28	50.00955	243.25844	250.73375	242.79256	428.76242	426.65445	420.76474	25.213804	34.871666	26.723461	-0.27827594	-0.17208298	-0.24288654	-0.22399417	1676.4521	1471.4204	1561.8943	4709.7666
05-02-2022 09:29	50.032246	242.83685	250.67543	242.93341	428.35956	426.49463	420.73508	25.241146	34.811485	26.66718	-0.2779201	-0.17092074	-0.23965205	-0.2224489	1679.1615	1475.4742	1534.3767	4689.0127
05-02-2022 09:30	50.033115	242.3187	250.30444	242.50786	427.68362	425.69626	419.93137	25.189518	34.747074	26.727045	-0.27738234	-0.1736827	-0.24625987	-0.23521127	1669.2198	1504.3862	1775.003	4948.609
05-02-2022 09:31	50.023155	242.1115	250.05164	242.35527	427.211	425.39258	419.64633	25.157654	35.08724	26.63842	-0.27816206	-0.18383579	-0.2459548	-0.22956231	1674.1802	1631.0907	1557.7222	4862.993
05-02-2022 09:32	49.98927	241.17854	250.0251	241.021	426.10306	424.11105	418.0675	24.228207	34.783836	25.257357	-0.31595105	-0.17780024	-0.3433777	-0.26565847	1821.1127	1544.4031	2060.6257	5426.1416
05-02-2022 09:33	49.971275	241.45808	249.95859	241.5908	426.57486	424.68878	418.37628	24.9434	34.466103	26.012962	-0.37229747	-0.16766202	-0.33696577	-0.27721608	2221.173	1445.0197	1861.9758	5528.1685
05-02-2022 09:34	50.000107	241.52017	249.61798	241.65952	426.4236	424.57742	418.27512	24.425953	34.88947	26.489918	-0.3266049	-0.17808059	-0.26549372	-0.2443698	1899.4456	1499.6132	1665.4602	5064.519
05-02-2022 09:35	49.98574	243.2563	248.81813	242.00972	427.59897	424.87875	419.02115	24.462624	34.576218	27.482779	-0.33650473	-0.16749616	-0.20110783	-0.22539593	1975.3453	1409.5125	1320.7681	4705.626
05-02-2022 09:36	50.006912	242.19363	249.29094	242.3701	426.9234	424.98865	419.1877	24.505764	34.192978	27.54602	-0.33591425	-0.17407148	-0.20584877	-0.22910525	1964.7483	1469.6412	1351.0999	4785.4893
05-02-2022 09:37	50.02274	242.74922	249.57031	242.81972	427.79788	425.42523	420.09665	24.590712	34.248024	27.592358	-0.3356558	-0.16913365	-0.24619639	-0.2403924	1975.3337	1426.6311	1639.4673	5041.4316
05-02-2022 09:38	50.057793	243.59276	250.36615	242.90857	428.76575	426.2481	421.303	24.501194	34.273884	27.673164	-0.32883483	-0.17025279	-0.21045297	-0.22738701	1941.3716	1438.8893	1383.3994	4763.66
05-02-2022 09:39	50.02236	244.5587	251.32458	244.05415	430.89102	428.45084	422.29834	25.745083	34.774117	27.761501	-0.41488892	-0.18458483	-0.2146423	-0.26081896	2581.6956	1602.9052	1429.4762	5614.077
05-02-2022 09:40	50.02177	244.96596	250.91786	243.53905	430.6316	427.92737	422.1918	24.421728	34.209793	28.013819	-0.328809	-0.1690742	-0.21370572	-0.2282317	1950.1564	1436.4569	1419.1619	4805.7754
05-02-2022 09:41	50.006092	244.88019	251.8108	244.59367	431.6062	428.983	423.37936	24.611006	34.330887	27.771015	-0.32972926	-0.16679396	-0.21144658	-0.22597411	1958.1128	1406.004	1413.3434	4777.4604
05-02-2022 09:42	49.995274	244.6166	251.78737	244.04495	431.17212	428.50256	422.85043	24.454899	33.70613	26.711418	-0.32663825	-0.16476789	-0.27415502	-0.24474901	1929.6013	1383.2456	1760.6035	5074.419
05-02-2022 09:43	49.994625	243.14394	252.67398	243.80211	429.6194	428.66602	422.79196	24.22859	27.150566	22.63319	-0.31682092	-0.1496184	-0.23988467	-0.23105972	1843.9453	1018.57294	1303.3558	4165.874
05-02-2022 09:44	50.00507	243.20485	252.0737	243.96205	429.425	428.26443	422.73	24.304388	27.344357	22.372612	-0.31920457	-0.15496927	-0.19694783	-0.2208709	1866.5254	1051.8816	1059.4692	3977.8762
05-02-2022 09:45	50.002163	243.36345	251.62256	243.95735	429.46518	428.20038	422.24863	19.421162	24.907133	23.349764	-0.2876495	-0.06895378	-0.117647894	-0.14699209	1338.5809	423.73602	663.97797	2426.295
05-02-2022 09:46	50.001907	243.69804	251.90527	244.41512	430.06683	428.78552	422.92212	19.429901	25.42365	23.355028	-0.29373637	-0.08869782	-0.11388813	-0.15516719	1370.4371	571.864	637.3675	2579.6685
05-02-2022 09:47	49.971638	244.9808	250.85666	244.4798	430.73602	428.48563	423.06906	19.390568	25.028936	23.541004	-0.29162973	-0.060413796	-0.15591377	-0.15865631	1366.471	374.33234	884.1002	2624.9036
05-02-2022 09:48	49.968174	244.25253	251.4144	244.66646	430.47012	428.8288	423.0212	19.407608	24.880732	23.267458	-0.29059726	-0.05734183	-0.12175762	-0.14534383	1349.1173	363.28354	684.56067	2396.9614
05-02-2022 09:49	49.980923	244.704	251.55286	244.06396	430.52322	428.9671	422.81754	19.35696	24.993168	23.353428	-0.2822483	-0.06283343	-0.113339975	-0.13903195	1308.2787	352.32755	635.3796	2295.9858
05-02-2022 09:50	49.98716	244.84167	250.93648	244.07027	430.25192	428.6277	422.6064	19.248465	23.606472	23.529324	-0.28688103	-0.12680697	-0.15257175	-0.181838	1340.0507	738.6413	650.571	2727.669
05-02-2022 09:51	50.005318	244.91887	250.53671	243.61061	429.92654	428.0136	422.1908	19.175793	22.031633	22.15512	-0.287825	-0.2115152	-0.17471537	-0.22425315	1334.7283	1194.5029	925.23737	3454.4683
05-02-2022 09:52	50.002068	244.72563	250.91039	243.56067	429.99283	428.18918	422.17828	19.205774	22.25606	22.169626	-0.2852624	-0.20515373	-0.17980541	-0.2204145	1324.4214	1136.0438	963.76746	3424.233
05-02-2022 09:53	50.01282	244.26355	250.17845	243.39305	429.15918	427.44565	421.3934	19.221003	22.575191	22.137192	-0.28777647	-0.22071756	-0.1859701	-0.23021553	1326.93	1252.7019	980.2219	3559.8538

05-02-2022 09:54	50.02636	244.28946	250.1408	243.98445	429.37515	427.73233	421.8892	19.269547	22.692486	23.220232	-0.29254493	-0.22435157	-0.11332546	-0.22071412	1349.8866	1277.7183	879.45105	3507.056
05-02-2022 09:55	50.058323	245.1227	250.8795	244.39017	430.29785	428.79492	423.33133	19.286274	22.263386	23.34586	-0.28915745	-0.20187616	-0.10679589	-0.19270203	1345.1149	1094.7767	603.46967	3043.3613
05-02-2022 09:56	50.06471	245.24013	250.50352	244.08528	430.23218	428.24585	422.96924	19.277023	22.25498	23.299276	-0.28943995	-0.2033546	-0.10724367	-0.19488998	1352.8687	1120.9994	601.86176	3075.73
05-02-2022 09:57	50.062027	245.37544	250.65997	244.27658	430.62137	428.4931	423.169	19.195606	21.83224	23.495712	-0.29135665	-0.2511808	-0.14654917	-0.22532059	1350.3644	1357.7198	842.1299	3550.2139
05-02-2022 09:58	50.063614	245.67746	249.85489	243.99382	430.3199	428.04282	422.55362	19.249107	21.970634	23.174725	-0.2941125	-0.24871795	-0.110810645	-0.21295865	1369.0964	1335.9172	618.1683	3323.1816
05-02-2022 09:59	50.060314	245.10838	249.40378	243.65076	429.71274	427.08978	421.75073	19.304377	22.852564	23.16653	-0.2946196	-0.23032615	-0.11100134	-0.20728089	1365.3052	1231.1332	614.17163	3210.61
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
05-02-2022 10:00	50.034653	245.28621	249.33281	243.17188	429.54666	426.91782	421.4478	19.202383	22.748432	22.119284	-0.29276323	-0.23814435	-0.17753358	-0.23378839	1360.6191	1382.2167	938.31274	3681.1484
05-02-2022 10:01	50.017033	245.10088	249.34387	243.06439	429.19208	426.89874	421.3355	19.199398	22.830166	22.158117	-0.29174727	-0.23354405	-0.17119485	-0.22964898	1354.6508	1328.5094	908.6837	3591.8438
05-02-2022 10:02	49.96605	242.67775	246.61127	240.02185	424.61597	421.8566	416.75638	19.091534	22.511772	21.999666	-0.2905373	-0.22129813	-0.1796398	-0.22780846	1326.0063	1223.057	934.9533	3484.0166
05-02-2022 10:03	49.953865	242.17499	245.49063	240.2809	423.70343	421.00314	416.14584	19.102934	22.835615	22.873953	-0.29564336	-0.22943127	-0.11377045	-0.20842771	1345.879	1253.4791	602.61194	3201.9702
05-02-2022 10:04	49.947807	242.09285	245.40956	239.61192	423.27246	420.38885	415.75623	19.755013	22.871492	22.34357	-0.23813035	-0.24349396	-0.18753028	-0.22266558	1112.6748	1352.7434	980.33374	3445.752
05-02-2022 10:05	49.908226	243.18208	246.26065	239.71498	424.99536	421.40247	416.5628	19.72034	23.021057	23.037815	-0.236854	-0.24953112	-0.27820325	-0.25564224	1127.1893	1367.2863	1548.308	4042.7834
05-02-2022 10:06	49.917362	242.38177	245.90762	239.18268	423.36816	420.80896	415.86584	19.63447	22.115099	23.048416	-0.23971885	-0.30863124	-0.28112188	-0.27808732	1126.8918	1646.3885	1532.9042	4306.1846
05-02-2022 10:07	49.893703	242.66531	245.67657	239.5725	423.65137	420.6982	416.45612	19.787285	22.087156	23.030529	-0.24977674	-0.30715492	-0.27786383	-0.2880365	1195.7529	1793.6835	1503.6855	4493.122
05-02-2022 10:08	49.882732	240.6555	246.2462	239.4092	421.96597	420.84485	415.2255	19.83456	22.26896	23.064337	-0.24931471	-0.3107962	-0.28278762	-0.2842683	1175.4875	1695.548	1548.0564	4419.092
05-02-2022 10:09	49.91855	240.82535	247.04541	238.59972	422.46362	420.75137	415.10373	19.777584	21.371367	21.29164	-0.23848456	-0.29400456	-0.44297692	-0.3265102	1118.5098	1530.0062	2213.6404	4862.1562
05-02-2022 10:10	49.94351	240.67667	247.09421	238.08167	422.16565	420.26273	414.81897	19.752138	21.809772	19.942356	-0.23522039	-0.30526197	-0.5124272	-0.34870544	1101.8549	1611.3052	2381.5703	5094.7305
05-02-2022 10:11	49.9642	238.72055	245.6611	236.15569	419.2181	417.3016	411.52512	19.658733	21.490164	20.440186	-0.23176083	-0.29758856	-0.54087615	-0.3558729	1071.1932	1540.7695	2559.3542	5171.3174
05-02-2022 10:12	49.984146	239.5185	243.82953	236.50417	419.1522	416.47656	411.22305	19.175308	21.597153	19.098717	-0.30574536	-0.29179183	-0.31303284	-0.30290452	1381.2937	1510.1221	1380.8424	4272.2583
05-02-2022 10:13	50.002598	239.69609	243.8871	236.56047	419.17395	416.68362	411.49777	19.231787	21.478708	19.239319	-0.3029079	-0.28275016	-0.3172207	-0.30005887	1338.968	1481.7642	1431.7639	4252.496
05-02-2022 10:14	50.009277	239.66371	245.17549	237.94084	420.68707	418.31775	412.91928	19.275394	21.949024	19.232437	-0.29543006	-0.23545234	-0.3238648	-0.28208083	1341.787	1255.0994	1441.1135	4038
05-02-2022 10:15	50.00594	239.56866	245.40009	238.22397	420.82904	418.73273	413.07724	19.339884	22.588524	19.301163	-0.29724312	-0.25468004	-0.32033664	-0.2884466	1357.2195	1447.1039	1537.1409	4341.4644
05-02-2022 10:16	50.000416	238.79942	246.72069	237.79071	420.37375	419.47308	413.00204	19.140835	22.064503	20.18357	-0.28913915	-0.2482705	-0.46073255	-0.32952946	1295.8049	1334.8552	2169.6028	4800.263
05-02-2022 10:17	49.991756	239.83757	248.03705	239.27396	422.46365	421.58582	415.44104	19.282242	21.939587	18.534773	-0.28751698	-0.23809315	-0.37577927	-0.2957978	1308.1859	1271.8438	1634.6047	4214.6343
05-02-2022 10:18	49.97331	240.63849	246.78453	238.53345	422.61493	420.27872	414.53867	17.41349	22.050053	18.5649	-0.39568463	-0.24401385	-0.5195978	-0.37556696	1619.561	1303.6238	2227.0085	5150.1934
05-02-2022 10:19	49.984352	240.92534	246.78094	239.05879	423.25095	420.63672	414.94278	17.91752	22.622673	18.275278	-0.39901605	-0.26040933	-0.45414338	-0.36148408	1668.8818	1390.0134	1935.5056	4994.401
05-02-2022 10:20	49.99627	241.22095	247.4305	239.03862	423.8242	421.34775	415.2661	17.841013	22.651768	20.146048	-0.39464667	-0.2599898	-0.51785606	-0.38407832	1652.47	1422.7504	2439.2197	5514.4395
05-02-2022 10:21	50.02288	240.6991	247.11894	238.96262	423.01212	420.89175	414.95602	17.891714	22.48371	19.295294	-0.39679322	-0.24470939	-0.3145426	-0.3121412	1668.0623	1330.5724	1412.8132	4411.4478
05-02-2022 10:22	50.03418	240.68822	246.74072	239.57097	423.02216	421.12747	415.08475	17.912813	22.422115	19.231003	-0.40174386	-0.30678523	-0.31090412	-0.3364593	1688.2032	1651.7534	1393.8593	4733.816
05-02-2022 10:23	50.04624	240.1274	246.87837	239.01015	422.4304	420.62024	414.4836	17.67855	22.35573	20.405937	-0.39511687	-0.308863	-0.47801414	-0.39028385	1631.5442	1659.4335	2274.79	5565.7676
05-02-2022 10:24	50.038357	240.43292	246.89154	239.40518	422.84174	421.028	414.89874	17.784395	21.96537	18.920145	-0.39588538	-0.293839	-0.36068657	-0.3435682	1660.3473	1510.9207	1588.1593	4759.4277
05-02-2022 10:25	50.038822	241.38109	247.74503	241.30672	424.58777	423.18567	417.40045	17.942822	22.07139	19.225113	-0.4200337	-0.41500857	-0.39670387	-0.41064745	1783.522	2247.8105	1805.9414	5837.2744
05-02-2022 10:26	50.014084	241.10422	246.77222	241.754	424.15668	422.4428	417.16928	18.105534	25.59156	18.606077	-0.43138877	-0.5534356	-0.36011472	-0.46135628	1851.8202	3453.457	1586.19	6891.4673
05-02-2022 10:27	50.02563	242.7088	248.10515	242.92848	426.79202	424.49445	419.60294	18.097736	25.265598	18.121468	-0.42331412	-0.5321638	-0.40145788	-0.46252227	1826.3457	3301.9072	1728.6818	6856.9346
05-02-2022 10:28	50.059708	242.30066	248.00581	241.6936	426.0193	423.52386	418.34036	17.776525	24.967335	17.372288	-0.4160911	-0.58704394	-0.48761767	-0.50898296	1753.6323	3602.4546	2008.5261	7364.6133
05-02-2022 10:29	50.06189	243.0255	248.36992	242.22446	427.1927	424.34372	419.15005	17.6845	25.176464	17.61505	-0.4178492	-0.5925766	-0.49015838	-0.51028895	1762.475	3613.3638	2042.5311	7418.3696
05-02-2022 10:30	50.053276	241.95917	246.86946	241.5054	425.25787	422.26147	417.46588	18.433205	26.246449	17.81415	-0.3652933	-0.6150384	-0.47875127	-0.50386494	1584.909	3903.8604	1990.8171	7479.587
05-02-2022 10:31	50.061367	241.55225	246.38913	240.98546	424.29663	421.37762	416.8757	18.059227	25.622234	18.342037	-0.34877068	-0.59769326	-0.3891459	-0.46521917	1484.9314	3707.61	1667.4702	6860.0117
05-02-2022 10:32	50.038548	241.31241	247.03331	240.74808	423.909	422.09164	416.85153	17.78229	22.109749	19.28799	-0.3253664	-0.435871	-0.44752815	-0.40663728	1367.8306	2303.2563	2020.3904	5689.9146
05-02-2022 10:33	50.05528	240.85349	246.89032	240.4932	423.3985	421.81494	416.15683	17.971767	22.084253	19.123072	-0.3341561	-0.41262054	-0.425355	-0.39294767	1396.7275	2132.2153	1892.5103	5421.453
05-02-2022 10:34	50.064827	240.76115	246.01668	240.07893	422.96732	420.66815	415.33823	17.799889	22.920065	20.565323	-0.332667	-0.45855418	-0.54269785	-0.45210835	1385.5487	2557.8157	2607.8274	6551.1914
05-02-2022 10:35	50.063225	239.74062	245.56381	239.3059	421.58395	419.40143	414.09958	18.150928	23.296387	19.669699	-0.33689207	-0.47814953	-0.47508395	-0.43540698	1423.3931	2586.2131	1918.6438	5928.25
05-02-2022 10:36	50.04759	239.99007	245.88918	239.50935	421.7916	420.1772	414.46826	18.087366	22.953613	19.89245	-0.33558872	-0.46666315	-0.47288513	-0.42988983	1426.6511	2585.8892	2150.4236	6162.964
05-02-2022 10:37	50.04167	239.98785	246.33803	239.32048	421.92526	420.37796	414.58444	18.325428	23.188168	19.909529	-0.3709472	-0.5297165	-0.5687557	-0.49469852	1593.7761	2929.4429	2596.1401	7119.3594
05-02-2022 10:38	50.045403	239.3857	245.45961	238.45416	420.67642	418.8366	413.3089	18.367334	22.738386	19.931862	-0.3802061	-0.51129735	-0.5723278	-0.49140748	1626.7736	2766.0283	2604.12	6996.923
05-02-2022 10:39	50.039078	239.76117	246.10973	239.07588	421.52307	419.86044	414.2913	18.234322	22.72774	20.566568	-0.37840664	-0.52325165	-0.60728526	-0.50801605	1610.9723	2850.393	2867.8174	7329.1826
05-02-2022 10:40	50.032444	238.94392	245.31375	238.14268	420.16083	418.50348	412.60272	18.516651	22.826904	20.190641	-0.38360813	-0.52535653	-0.49565753	-0.47337103	1649.8804	2862.5562	2286.4766	6798.913
05-02-2022 10:41	50.042736	239.42055	245.24283	239.0375	421.06525	418.88174	413.56226	18.69413	23.2506	20.281809	-0.3855337	-0.52924293	-0.4901276	-0.4736826	1672.7817	2917.9275	2273.632	6864.3413
05-02-2022 10:42	50.026817	239.9518	245.0486	239.05522	421.14124	419.27454	413.70895	19.206787	22.68419	20.766075	-0.33197856	-0.5825801	-0.5138554	-0.4833583	1491.6357	3137.3342	2314.064	6943.034
05-02-2022 10:43	50.006184	239.23207	244.5333	238.11546	419.6339	418.14905	412.57877	19.45368	22.595547	20.845594	-0.3387823	-0.5732244	-0.5071053	-0.47927552	1529.7708	3061.3184	2417.2944	7008.384
05-02-2022 10:44	49.996124	239.63277	244.20518	238.28677	420.04416	417.98145	412.7535	19.419222	23.409878	20.51633	-0.33912215	-0.5437892	-0.48830354	-0.4630508	1534.1387	2983.2627	2275.9082	6793.3096
05-02-2022 10:45	50.018875	240.42621	244.68773	238.73297	421.32272	418.72098	413.7172	19.449331	23.199474	21.399899	-0.34118715	-0.5434598	-0.5444918	-0.4821809	1553.9089	2991.2637	2663.945	7209.117
05-02-2022 10:46	50.02749	241.11922	245.5184	238.91873	422.36996	419.67218	414.68506	19.376453	23.096596	21.256699	-0.34010482	-0.55056596	-0.5788677	-0.4955221	1551.2349	3025.6614	2822.395	7399.2915
05-02-2022 10:47	50.02522	241.68233	246.64163	239.21729	423.6056	420.88123	415.68463	19.456142	23.48539	20.908602	-0.33902928	-0.5633462	-0.63414663	-0.51739377	1552.7566	3153.959	3039.705	7746.421
05-02-2022 10:48	50.03156	240.77457	246.54456	238.60405	422.71756	420.08643	414.569	19.555283	23.604923	21.75498	-0.38671055	-0.5632449	-0.65776366	-0.5409756	1771.5817	3184.816	3275.7498	8232.209
05-02-2022 10:49	50.02675	239.98686	245.72092	237.84964	421.24323	418.7589	413.2725	19.519537	23.60291	22.76073	-0.3957315	-0.56395715	-0.6896567	-0.5566499	1802.4176	3185.4722	3339.3037	8327.193
05-02-2022 10:50	50.02229	239.45265	246.10732	238.39384	421.33743	419.20135	413.42108	19.210705	23.347496	21.05328	-0.45544332	-0.55186474	-0.5601988	-0.52553886	2025.4453	3060.6028	2919.5605	8005.6084
05-02-2022 10:51	50.045654	239.6674	245.20323	239.15082	421.31888	418.92056	413.823	18.913372	23.790867	21.074017	-0.4538184	-0.5588453	-0.53003967	-0.5183519	2001.3376	3084.609	2568.3784	7654.325
05-02-2022 10:52	50.038307	240.31645	245.69081	239.1207	422.0084	419.82672	414.1512	18.870895	23.142246	20.927612	-0.45227495	-0.5830357	-0.51711065	-0.52225816	1948.7609	3270.0078	2509.6218	7728.391
05-02-2022 10:53	50.049423	240.66586	246.15372	239.44824	422.75858	420.33994	414.86237	18.919851	22.9175	21.568165	-0.4396637	-0.57575107	-0.52664644	-0.5186339	1948.9192	3136.2576	2554.3137	7639.491
05-02-2022 10:54	50.037327	240.30508	246.22523	239.31229	422.22983	420.27304	414.7235	18.89536	22.755466	20.99618	-0.43971133	-0.5770957	-0.51313126	-0.5147378	1890.1733	3148.4395	2507.4968	7546.1094
05-02-2022 10:55	50.014614	238.2222	245.72136	238.32617	419.9927	418.74197	412.3081	18.888857	22.908804	21.030823	-0.43485135	-0.5818583	-0.51715016	-0.5165643	1899.0343	3070.9275	2480.9028	7450.8643
05-02-2022 10:56	50.046635	239.72157	244.82193	238.29175	420.8177	418.34167	412.85483	19.113304	22.947462	21.155083	-0.44351408	-0.5966459	-0.5291384	-0.52834517	1969.4374	3229.2468	2499.949	7698.633
05-02-2022 10:57	50.040596	238.01813	245.71826	238.1969	419.67224	418.15344	412.62518	19.064358	22.648104	21.113441	-0.43944108	-0.5862673	-0.5709532	-0.5407962	1942.177	3217.4219	2807.9033	7967.5024
05-02-2022 10:58	50.05889	236.69379	244.28024	237.42175	417.60907	416.21442	410.4985	19.122255	24.917538	20.964296	-0.4447502	-0.6500364	-0.56617856	-0.56343997	1943.0822	3529.1812	2702.6177	8174.881
05-02-2022 10:59	50.045933	236.59805	243.98616	236.48372	417.035	415.2329	409.75757	18.870413	23.116629	20.890995	-0.43249983	-0.60094887	-0.5588885	-0.5368508	1873.9827	3230.0054	2645.123	7749.1113
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
05-02-2022 11:00	50.04458	237.16188	244.52266	237.41048	418.14127	416.49774	410.8962	18.897392	23.440506	21.895418	-0.4361487	-0.5840014	-0.5227081	-0.520199	1894.0884	3174.5352	2613.2803	7681.9043
05-02-2022 11:01	50.062775	238.97198	246.46895	239.72029	421.73474	419.96957	414.33292	18.99902	23.030653	21.166328	-0.43390062	-0.58179915	-0.47566503	-0.50334865	1919.1718	3245.6157	2315.433	7480.2207
05-02-2022 11:02	50.053818	238.20924	246.16948	239.02452	420.21045	419.3427	413.44412	18.875433	23.030584	21.068184	-0.43177637	-0.57673246	-0.47923502	-0.50065666	1887.3037	3140.72	2332.9165	7360.94
05-02-2022 11:03	50.0535	238.49329	246.62103	238.96873	420.74344	419.69226	413.74115	18.809378	22.849258	20.678547	-0.42198703	-0.568845	-0.5257908	-0.5108502	1836.6796	3098.9536	2488.7766	7424.4097
05-02-2022 11:04	50.03073	238.53828	245.47928	239.60101	420.84378	418.9244	413.58844	18.90435	24.869	20.481777	-0.43160844	-0.6337689	-0.5260519	-0.5410549	1892.7296	3737.1375	2478.6108	8108.4775
05-02-2022 11:05	50.03511	239.16516	246.80177	238.7908	421.553	419.9116	413.88705	18.773153	23.20924	20.528357	-0.4244798	-0.5777719	-0.5195529	-0.51266897	1852.2357	3172.2961	2443.3486	7467.881
05-02-2022 11:06	50.030376	239.22868	246.85936	239.18352	421.6591	419.98996	414.5837	18.740963	23.502613	20.649164	-0.42193002	-0.59186536	-0.61620986	-0.5492833	1844.245	3370.8691	2896.6355	8111.749
05-02-2022 11:07	50.028908	238.95836	247.00555	239.25586	421.6165	420.1343	414.39352	18.74297	22.746758	20.831554	-0.42796183	-0.6129945	-0.62924904	-0.5628197	1875.4146	3344.8596	3004.586	8224.859
05-02-2022 11:08	50.01935	238.67842	246.43814	239.23839	421.09708	419.50507	414.03952	18.748991	23.108006	20.228052	-0.43011445	-0.6189353	-0.5728591	-0.5472791	1882.215	3353.1719	2631.8003	7867.1875
05-02-2022 11:09	50.01661	237.98918	246.27028	238.53645	420.0216	418.88666	413.0373	18.883339	22.61185	20.230846	-0.4148976	-0.6145732	-0.5717672	-0.54031247	1818.4796	3358.148	2640.2249	7816.8516
05-02-2022 11:10	50.022	237.33098	245.35637	237.38701	418.55182	417.23972	411.44272	18.938717	22.520939	20.542145	-0.41880658	-0.5979626	-0.48745584	-0.50768095	1838.4045	3273.6257	2269.786	7381.8164
05-02-2022 11:11	50.008022	236.9956	245.19044	237.7579	418.3672	417.2797	411.35892	19.207249	23.635157	20.472954	-0.4289392	-0.63334453	-0.4891145	-0.52612823	1871.9738	3167.3828	2470.425	7509.7812
05-02-2022 11:12	49.98804	237.31078	245.10007	237.76738	418.52914	417.276	411.60583	19.140347	22.73928	20.380821	-0.42515042	-0.60364914	-0.4905391	-0.51676404	1897.9543	3302.4915	2280.1853	7480.631
05-02-2022 11:13	50.02531	239.00223	244.53094	237.9329	419.9073	417.54114	412.1946	19.171389	23.220573	20.438766	-0.42994303	-0.6147563	-0.48026517	-0.51952577	1906.8707	3421.4011	2255.692	7583.964
05-02-2022 11:14	50.05424	238.9357	244.47714	237.81786	419.29974	417.33066	412.6031	19.132006	22.763733	20.935734	-0.4366241	-0.68216497	-0.51201266	-0.5519632	1924.5078	3635.6553	2375.2104	7935.3735
05-02-2022 11:15	50.028202	238.58711	244.80658	237.24796	419.42047	417.2281	411.574	19.543684	22.383863	19.52916	-0.47231495	-0.6479469	-0.5938	-0.57348675	2119.935	3366.4565	2609.6829	8096.074
05-02-2022 11:16	50.002995	238.83253	244.89748	237.122	419.63162	417.17908	411.7766	19.409988	22.548065	19.520414	-0.4639347	-0.6458319	-0.66934705	-0.5917057	2079.921	3323.1938	2955.6238	8358.738
05-02-2022 11:17	49.989872	238.15663	244.3752	236.31192	418.35587	416.1399	410.61462	19.349638	22.473648	19.53979	-0.46435994	-0.64885813	-0.67254907	-0.59857434	2073.978	3429.02	2972.0415	8475.04
05-02-2022 11:18	49.999428	237.55113	243.69447	236.0531	417.33395	415.322	409.77628	19.382755	22.892324	19.517506	-0.46141186	-0.6705722	-0.6738822	-0.6059514	2054.9287	3623.0532	3143.2166	8821.199

05-02-2022 11:19	49.977257	243.71437	250.1443	241.97743	428.3124	425.9564	420.27405	20.329563	22.227303	19.65033	-0.5241355	-0.64794385	-0.5974888	-0.60239875	2806.1355	3426.1792	2713.6147	8945.929
05-02-2022 11:20	49.965145	243.99341	249.4447	242.28915	428.37045	425.5159	420.46045	20.124872	23.711155	19.372128	-0.42408597	-0.6963078	-0.62508893	-0.5880137	2026.4381	3974.0735	2785.8545	8786.366
05-02-2022 11:21	49.946686	243.80385	249.58806	242.34422	428.13956	425.5713	420.75018	20.08648	22.621563	20.04971	-0.41615137	-0.63590395	-0.65127605	-0.57019156	1977.921	3451.7258	3015.6042	8445.251
05-02-2022 11:22	49.945133	244.30487	249.9996	242.66275	428.97784	426.40787	421.11072	20.094929	22.061657	19.921461	-0.41881505	-0.6181351	-0.57591367	-0.5401379	1996.7251	3316.1362	2651.9165	7964.778
05-02-2022 11:23	49.96319	245.04176	249.91367	243.2498	429.71048	426.78815	422.13617	20.206253	24.321356	19.68113	-0.42730957	-0.72078764	-0.6142983	-0.5959356	2069.5151	4292.4517	2784.098	9146.064
05-02-2022 11:24	49.96684	245.3458	250.60399	243.29617	430.1912	427.80313	422.44916	20.160915	22.689173	20.137632	-0.42035586	-0.6716023	-0.62417626	-0.57819146	2027.5848	3732.9033	2888.381	8648.869
05-02-2022 11:25	50.02756	245.38486	250.82233	243.98444	430.65176	428.22766	423.19757	20.180552	23.59214	20.652817	-0.42007467	-0.68940574	-0.6417458	-0.5896141	2017.2211	3909.613	3079.448	9006.281
05-02-2022 11:26	50.03611	245.65921	251.73077	244.4075	431.35754	429.35843	424.14462	20.16748	23.485802	19.81953	-0.41821432	-0.6968533	-0.6867365	-0.6050327	1999.9462	3869.3406	3183.2285	9052.515
05-02-2022 11:27	50.031605	245.20764	251.34369	243.38205	430.41833	428.28824	422.92923	20.1422	23.383625	19.900953	-0.41719407	-0.6904434	-0.68826336	-0.602571	2005.8	3896.216	3175.7139	9077.7295
05-02-2022 11:28	50.023563	245.69754	251.86624	244.49248	431.82877	429.54922	423.93338	19.689857	23.780882	20.198433	-0.48445293	-0.70184034	-0.7054059	-0.63546157	2281.4907	4028.806	3329.393	9639.689
05-02-2022 11:29	50.02229	245.03171	251.91318	244.3681	431.0808	429.17307	423.76706	19.52436	23.300282	19.917557	-0.47358668	-0.68721265	-0.62017953	-0.5996584	2205.397	3860.6729	2877.776	8943.846
05-02-2022 11:30	49.987305	245.53018	251.16801	244.38707	431.42023	428.70532	423.4981	19.576946	23.641539	19.856201	-0.47482446	-0.6571467	-0.61050636	-0.5858947	2218.2405	3739.2837	2814.1987	8771.723
05-02-2022 11:31	49.94432	245.21252	250.97894	244.07175	430.76675	428.3004	423.13394	19.470293	23.640099	20.045475	-0.47568738	-0.65745676	-0.6227965	-0.5904818	2220.2332	3703.1528	2801.935	8725.321
05-02-2022 11:32	49.96404	245.28636	250.83348	244.61253	431.04813	428.56293	423.39658	19.388641	23.648748	19.899536	-0.48102814	-0.6582612	-0.6282701	-0.590252	2225.571	3700.5237	2929.1396	8855.234
05-02-2022 11:33	49.95136	243.84717	250.89484	244.38463	429.85187	427.7895	422.5808	19.538435	23.337494	19.022875	-0.49150673	-0.65601087	-0.58680904	-0.5831806	2274.2214	3726.2893	2594.147	8594.658
05-02-2022 11:34	49.951427	245.00595	250.9505	244.39726	430.77792	428.40964	423.1668	19.577515	23.644352	19.32035	-0.49348468	-0.65547305	-0.55906284	-0.57537806	2303.656	3726.7283	2504.714	8535.099
05-02-2022 11:35	49.980484	244.60748	250.81976	244.2734	430.3133	427.93954	422.96756	19.52871	23.715088	19.063038	-0.48814678	-0.66550314	-0.63488364	-0.60070944	2267.6504	3820.642	2803.8096	8892.102
05-02-2022 11:36	50.00579	244.23032	251.76178	243.41946	430.3097	427.80948	422.60706	19.377192	23.546581	18.342941	-0.47595885	-0.657952	-0.8303633	-0.64985186	2197.8645	3727.0674	3482.7598	9407.691
05-02-2022 11:37	50.026875	243.53375	251.80191	243.59715	429.81906	427.51218	422.55368	19.537893	23.614872	18.313557	-0.48076403	-0.66163397	-0.82478344	-0.65085834	2217.018	3771.461	3461.7686	9450.248
05-02-2022 11:38	50.04675	245.12184	251.32347	242.12332	430.2088	427.04587	422.02274	19.983225	23.711588	18.005281	-0.42739442	-0.7037452	-0.7525786	-0.6270071	2038.6029	4011.8325	3084.4778	9134.913
05-02-2022 11:39	50.06137	245.28583	251.58226	243.16212	431.1394	427.7073	422.95654	19.909122	23.601835	18.148075	-0.42675698	-0.7022621	-0.7890465	-0.63678324	2042.2211	3994.504	3278.3193	9315.044
05-02-2022 11:40	50.06384	246.50003	251.04721	242.42633	431.12042	427.49603	423.0923	19.89256	23.775501	18.137756	-0.4280513	-0.70150495	-0.7871867	-0.6363914	2052.1814	4004.4407	3265.102	9321.725
05-02-2022 11:41	50.039276	245.85883	251.31596	242.91156	431.0563	427.82233	423.02505	19.46003	23.751614	18.451458	-0.4099327	-0.69594294	-0.7924901	-0.6323026	1913.2427	3975.4272	3328.3965	9217.066
05-02-2022 11:42	50.02356	244.80066	251.95094	242.45718	430.24606	428.0475	422.09482	20.408749	23.927261	17.996815	-0.4680864	-0.713862	-0.7867105	-0.6532401	2280.7578	4175.4697	3244.294	9700.521
05-02-2022 11:43	50.021645	245.11633	253.17416	243.47643	431.56183	429.2683	423.9761	20.619808	23.676157	18.135021	-0.47838792	-0.71044976	-0.78934366	-0.6553298	2368.5928	4037.333	3294.5957	9700.521
05-02-2022 11:44	50.014156	245.12535	254.10718	243.66475	431.86804	430.29605	424.5935	20.586838	23.964205	18.053476	-0.478671	-0.7186944	-0.7849473	-0.6497438	2344.3254	3954.1523	3236.5952	9535.073
05-02-2022 11:45	50.015755	245.88649	254.12035	243.88148	432.74384	430.7399	425.00067	20.61248	23.61923	18.3562	-0.47628018	-0.7128424	-0.82454485	-0.66620934	2356.533	4103.308	3495.831	9955.673
05-02-2022 11:46	50.02258	245.23706	254.45245	245.28554	432.7901	431.64178	425.92184	20.644043	23.72223	18.691792	-0.47791687	-0.6648179	-0.6908706	-0.6110712	2359.489	3804.0857	3011.755	9175.33
05-02-2022 11:47	49.992058	244.84166	253.05844	244.31532	431.53076	430.06705	423.99066	21.31973	23.887089	18.907597	-0.4993085	-0.66448027	-0.65777487	-0.6070411	2550.8052	3787.0913	2891.333	9229.2295
05-02-2022 11:48	49.994793	243.99113	252.71358	243.96765	430.45587	429.17697	423.27625	21.180346	23.756704	19.21128	-0.48844492	-0.6688707	-0.5835825	-0.58418614	2463.5493	3787.1274	2603.8708	8854.548
05-02-2022 11:49	49.985466	245.44032	253.36504	244.99274	432.3177	430.95303	425.05676	21.264803	24.734226	19.228018	-0.49375197	-0.673568	-0.5881097	-0.5901066	2506.3918	3816.9229	2632.808	8956.123
05-02-2022 11:50	49.96215	245.65875	253.79257	245.33238	432.73618	431.57434	425.72162	21.129568	24.119291	19.126467	-0.49181247	-0.6528857	-0.58831066	-0.58826965	2502.928	3975.7202	2640.2908	9118.939
05-02-2022 11:51	49.987137	245.98601	254.29947	245.3921	433.35498	432.27295	425.95828	21.197271	23.99129	19.340816	-0.490843	-0.64563274	-0.5925213	-0.578913	2492.145	3712.724	2648.8474	8853.716
05-02-2022 11:52	50.040295	246.14156	254.03154	245.87823	433.94348	432.0027	426.2821	21.447289	24.052696	19.344309	-0.48202392	-0.67183656	-0.58765644	-0.58434427	2481.0498	3929.3958	2650.5732	9061.019
05-02-2022 11:53	50.054596	246.46248	254.03746	246.38141	434.28018	432.5472	426.83752	21.572325	23.81778	18.482248	-0.4834595	-0.67456895	-0.53683466	-0.5723477	2506.3755	3926.1965	2314.024	8746.596
05-02-2022 11:54	50.068935	246.70697	254.40395	246.49756	434.658	432.83377	427.42972	21.434223	23.814304	18.35651	-0.48357856	-0.7006333	-0.634606	-0.60857785	2490.9924	4053.9941	2712.234	9257.221
05-02-2022 11:55	50.075546	246.04657	254.89941	246.43011	434.19522	433.07083	427.2504	21.447046	23.843998	18.284292	-0.47817838	-0.6866305	-0.6293912	-0.5999204	2456.3267	3960.4739	2674.4253	9091.226
05-02-2022 11:56	50.080135	245.44606	254.77194	245.15338	433.0215	431.99954	426.0222	21.931961	24.098433	18.191978	-0.42341977	-0.6821916	-0.6920373	-0.5961751	2218.4502	3960.0244	2900.4602	9078.935
05-02-2022 11:57	50.073032	245.90794	254.42346	244.4102	432.98892	431.54395	425.4299	21.930216	24.24133	18.077744	-0.42486027	-0.6828814	-0.67661184	-0.5912833	2228.5461	3978.0737	2806.3196	9012.939
05-02-2022 11:58	50.10702	246.04988	254.43428	245.00166	433.40533	431.9509	425.8961	22.02366	23.389538	18.28038	-0.42489746	-0.6552447	-0.5956629	-0.55808675	2261.0847	3807.9211	2502.6104	8571.616
05-02-2022 11:59	50.124172	245.1545	254.10974	244.80742	431.93573	431.2568	425.59348	21.89665	22.355919	18.203762	-0.42149758	-0.6307913	-0.66285866	-0.56597644	2204.2124	3367.5686	2791.9229	8363.703
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
05-02-2022 12:00	50.10543	247.30165	254.72142	245.65242	434.3988	432.8946	427.74164	21.713036	22.54983	21.711472	-0.4200869	-0.63726944	-0.85910505	-0.63654196	2203.8618	3486.7869	4353.9214	10044.57
05-02-2022 12:01	50.141582	248.40808	256.85333	247.1136	437.4815	435.5238	430.17	22.036379	22.57146	18.354467	-0.4208404	-0.59005874	-0.70844346	-0.5637281	2252.228	3258.6748	3031.662	8542.564
05-02-2022 12:02	50.117588	249.90321	257.86966	248.2052	439.9025	437.6763	431.85007	22.105392	22.614973	18.153994	-0.4236881	-0.5977641	-0.7021886	-0.56509256	2291.614	3338.1204	2982.825	8612.56
05-02-2022 12:03	50.12073	249.92407	258.16183	248.06525	439.46033	438.372	431.8945	22.411825	22.929138	18.15975	-0.43181416	-0.61319023	-0.69888145	-0.5719892	2382.9836	3506.5012	2962.877	8852.362
05-02-2022 12:04	50.073	251.4295	257.40744	248.50117	441.17123	437.96964	432.64774	21.767326	23.379559	18.285822	-0.4842297	-0.6159796	-0.77985704	-0.6156527	2592.3743	3513.949	3332.6956	9439.019
05-02-2022 12:05	50.049427	251.02954	257.17282	248.25385	440.7625	437.4665	432.03305	21.929657	23.079979	18.224575	-0.4987541	-0.63251287	-0.7807795	-0.6267645	2681.9675	3685.1504	3319.829	9686.947
05-02-2022 12:06	50.045856	250.52716	256.7011	247.6158	439.80194	436.71448	430.95566	21.930502	22.876787	18.780195	-0.49445882	-0.5972455	-0.7618488	-0.6082798	2647.5186	3321.208	3327.813	9296.54
05-02-2022 12:07	50.02475	250.85164	257.40555	247.57129	440.62155	437.22958	431.33112	22.259169	22.65055	18.246809	-0.49641272	-0.6039644	-0.6663149	-0.58292913	2711.8857	3382.3657	2810.8564	8905.108
05-02-2022 12:08	50.00364	248.67735	257.1589	248.1377	438.34274	436.78006	430.82913	22.168695	22.259865	18.230194	-0.49349123	-0.629957	-0.6730413	-0.59322953	2670.5718	3465.8857	2855.0476	8991.505
05-02-2022 12:09	49.974304	248.22134	257.12106	247.85301	437.64212	436.51517	430.44327	22.134659	22.312267	18.198025	-0.49344918	-0.6367014	-0.6701707	-0.59490496	2650.4614	3461.0132	2835.52	8946.994
05-02-2022 12:10	49.96289	247.41655	255.9594	246.6438	436.05716	434.60287	428.44586	22.102715	22.40324	18.146536	-0.49371874	-0.635979	-0.6715855	-0.5874229	2680.563	3280.9639	2788.086	8749.613
05-02-2022 12:11	49.928978	245.87749	254.56406	245.28307	433.40872	432.09448	426.15802	22.23053	22.593748	18.081915	-0.50548387	-0.6459187	-0.67686373	-0.6044819	2681.9226	3460.431	2823.783	8966.137
05-02-2022 12:12	49.938267	245.43513	253.90794	244.94437	432.78488	431.21735	425.17398	22.216013	21.737152	18.155445	-0.5097933	-0.6139204	-0.62505853	-0.57920116	2738.6392	3351.976	2615.334	8705.949
05-02-2022 12:13	49.954285	244.15527	253.69962	244.19423	431.22122	430.23862	423.83575	21.831781	22.564018	18.284662	-0.5534988	-0.564798	-0.7209501	-0.6049244	2869.5415	3096.8662	3012.9272	8979.335
05-02-2022 12:14	49.98242	244.00534	253.74101	244.16168	431.39383	430.14722	423.51443	21.798838	22.435928	18.174088	-0.5450003	-0.5783011	-0.7191723	-0.60611737	2830.9863	3167.247	3008.2573	9006.491
05-02-2022 12:15	50.015526	244.30846	254.08084	244.34956	431.70316	430.69608	424.0933	21.887371	22.143723	18.208406	-0.5443595	-0.56156355	-0.7174299	-0.6058976	2843.9614	3167.3774	3003.0654	9014.404
05-02-2022 12:16	50.05063	245.12029	254.5221	244.83165	432.83447	431.50797	425.15543	21.87665	23.27042	19.049732	-0.54337275	-0.535035	-0.74020016	-0.5970402	2833.4102	2961.9897	3221.768	9017.168
05-02-2022 12:17	50.074543	244.92052	254.62256	244.89685	432.63113	431.91974	424.89444	22.252195	23.317488	19.416191	-0.5598113	-0.5502659	-0.6131146	-0.57031643	2989.42	3092.1384	2723.4072	8804.966
05-02-2022 12:18	50.074284	246.91393	254.02768	245.28728	434.494	432.12936	425.9251	22.266167	23.78389	19.36985	-0.5603169	-0.56073093	-0.6091966	-0.5744275	3011.104	3240.8987	2727.6917	8987.319
05-02-2022 12:19	50.092297	247.02531	253.43579	245.16939	434.23972	431.66687	425.60352	22.37745	25.038729	19.251446	-0.5633914	-0.61185634	-0.6029994	-0.59315675	3038.2178	3690.039	2654.9158	9383.173
05-02-2022 12:20	50.087437	246.63362	253.3928	245.03387	433.68588	431.07413	425.7565	22.148182	23.996365	19.285776	-0.54998666	-0.5472187	-0.610312	-0.5661311	2927.869	3087.7876	2689.9502	8705.606
05-02-2022 12:21	50.093777	246.94052	253.614	244.5326	433.61325	431.42093	425.53476	22.076557	23.759361	18.89692	-0.55079937	-0.5436174	-0.59256566	-0.55988646	2935.1533	3121.7915	2572.1604	8629.105
05-02-2022 12:22	50.095345	246.14232	253.55942	244.54047	433.23676	431.32578	424.54907	22.062471	22.755133	18.488615	-0.54869425	-0.51843387	-0.56635594	-0.54261315	2909.0435	2866.4658	2419.9314	8195.44
05-02-2022 12:23	50.094402	247.74287	254.35901	245.15045	435.49606	432.29358	426.53394	21.857098	22.922714	18.523352	-0.55000377	-0.5208063	-0.6678197	-0.5725959	2901.7483	2907.82	2863.8257	8673.395
05-02-2022 12:24	50.080868	247.77658	254.50082	245.20552	435.11838	432.858	426.74493	21.776176	22.895926	19.096983	-0.5521741	-0.569147	-0.7128337	-0.6050865	2886.9673	3127.954	3168.6597	9183.581
05-02-2022 12:25	50.074703	247.54738	254.28772	245.8067	435.27408	433.00394	426.71725	21.782635	22.9189	19.629839	-0.5520613	-0.5705159	-0.62100536	-0.579285	2900.2852	3246.6313	2857.8901	9004.807
05-02-2022 12:26	50.064495	248.83415	255.69907	246.0707	437.47662	434.6188	428.03952	21.760885	22.892094	19.622534	-0.55612653	-0.5780229	-0.61351943	-0.5811396	2937.3188	3229.8328	2835.4734	9000.3125
05-02-2022 12:27	50.053787	248.82967	255.61583	246.3357	437.2156	434.9854	428.23764	21.830519	23.09386	19.798588	-0.558668	-0.5747377	-0.52860504	-0.55548996	2960.6248	3210.94	2466.6355	8638.201
05-02-2022 12:28	50.070827	248.1938	255.47768	246.97453	436.99643	434.81277	428.38928	21.99419	23.209015	20.0309	-0.55395836	-0.48627862	-0.49564442	-0.5142755	2950.7883	2841.8137	2342.0166	8134.6187
05-02-2022 12:29	50.052544	248.7489	255.96327	247.05698	437.7385	435.76904	428.64264	21.9705	23.375406	20.229088	-0.55815184	-0.4973015	-0.501826	-0.5191311	2977.3813	2928.7988	2388.4124	8294.593
05-02-2022 12:30	50.047134	248.96849	256.90353	247.39818	438.6811	436.57062	429.50095	22.077976	24.186363	20.070887	-0.5574143	-0.4368489	-0.5028784	-0.49651065	2997.1853	2619.8628	2394.9268	8011.975
05-02-2022 12:31	50.039204	249.55675	257.33533	249.10297	440.0482	437.8404	431.56906	22.210424	24.894354	21.371216	-0.5587988	-0.4000196	-0.38560912	-0.44715223	3038.7178	2473.4922	1977.991	7490.201
05-02-2022 12:32	50.04153	251.15613	258.77307	249.89891	442.63742	439.9002	433.5651	21.971317	25.222057	21.444126	-0.5630202	-0.41091824	-0.3881844	-0.45257148	3033.1318	2587.8984	2005.7567	7626.787
05-02-2022 12:33	50.023685	251.87637	259.13858	250.2242	443.4313	440.9802	434.14	21.173687	25.597824	21.938074	-0.5381206	-0.41767287	-0.41625968	-0.4542928	2789.2246	2657.3765	2205.502	7652.1035
05-02-2022 12:34	50.03801	252.22464	259.3336	249.98145	443.76035	440.90088	434.41217	21.515774	24.91929	21.61499	-0.4795625	-0.39838123	-0.49749228	-0.45483914	2533.869	2498.4163	2578.7097	7608.495
05-02-2022 12:35	50.049038	253.3483	260.0599	250.90193	445.36	442.24808	436.2605	21.569242	24.919722	21.581757	-0.48156664	-0.4279133	-0.50027585	-0.4675181	2565.29	2657.6206	2613.584	7836.494
05-02-2022 12:36	50.05662	254.56131	261.52106	252.02913	447.76135	444.14822	438.54218	21.704428	24.731709	21.518154	-0.474377	-0.4262736	-0.49929687	-0.4653648	2553.535	2691.7646	2612.727	7858.027
05-02-2022 12:37	50.049843	255.84624	262.6376	254.27779	450.35855	446.9733	441.16687	21.961042	24.96351	22.144136	-0.48564708	-0.41410732	-0.41381568	-0.43677902	2662.643	2616.5308	2246.765	7525.9385
05-02-2022 12:38	50.061306	254.38635	261.64362	253.30756	448.2249	445.24875	439.09473	21.933157	25.0445	21.85399	-0.48275724	-0.413612	-0.45108348	-0.4473213	2615.72	2482.6003	2415.6824	7514.003
05-02-2022 12:39	50.038956	254.12009	260.67902	252.51427	447.23502	443.9002	437.92703	21.854221	24.442995	21.727165	-0.48597294	-0.45272523	-0.44673604	-0.46544838	2628.624	2877.2988	2373.3901	7879.3125
05-02-2022 12:40	50.05768	255.75407	261.91876	253.2793	449.19742	445.78458	440.3853	23.175714	24.764439	21.731598	-0.38481784	-0.46238685	-0.44946617	-0.4309113	2236.4448	2838.8076	2401.8284	7477.081
05-02-2022 12:41	50.053257	256.80316	263.13315	254.12039	451.24777	447.6082	441.8928	22.863008	24.22683	21.81843	-0.37775528	-0.4560131	-0.44826564	-0.42807683	2182.4985	2840.347	2412.673	7435.5186
05-02-2022 12:42	50.06361	257.25754	263.29147	254.55725	451.82434	448.18744	442.55316	21.190767	24.288986	21.827599	-0.3561534	-0.44752774	-0.44327357	-0.4174892	1892.3608	2787.004	2386.7068	7066.072
05-02-2022 12:43	50.064495	257.437	263.50558	254.91571	452.5105	448.39798	442.95636	21.191656	24.698624	21.842754	-0.35554954	-0.45030397	-0.44568086	-0.41911528	1896.5796	2812.8364	2400.949	7110.365
05-02-2022 12:44	50.05291	257.51672	262.91696	254.65425	452.124	447.8247	442.58	21.110886	24.280182	21.310575	-0.35140362	-0.4468663	-0.523652	-0.44059977	1865.0845	2759.6812	2740.8958	7365.6616

05-02-2022 12:45	50.031403	256.86554	262.8237	253.97778	451.12805	447.06494	441.87817	21.082184	23.873568	21.26072	-0.34429416	-0.4421527	-0.5316663	-0.43941423	1806.1841	2688.1494	2779.9072	7274.2407
05-02-2022 12:46	50.01263	257.49643	262.6594	253.79666	451.6174	446.77863	442.17023	21.395704	24.359598	21.329521	-0.3573861	-0.44957712	-0.52109903	-0.44225702	1922.1361	2774.0796	2718.414	7414.63
05-02-2022 12:47	50.00471	257.1397	262.54535	253.39919	451.024	446.4513	441.5896	21.349354	25.12236	21.305115	-0.3528017	-0.4542649	-0.5208588	-0.442616	1889.9084	2889.0718	2709.6218	7488.6025
05-02-2022 12:48	50.004494	257.9247	262.99146	254.40723	452.1474	447.7449	443.0464	21.428734	24.48446	21.76319	-0.3571077	-0.44131455	-0.44010726	-0.4138496	1920.1842	2797.6682	2354.3499	7072.202
05-02-2022 12:49	50.011627	257.7891	263.07086	253.90608	451.84152	447.73538	442.4022	21.411564	24.494074	21.804005	-0.34812164	-0.43543085	-0.44279653	-0.41026232	1861.7877	2729.59	2375.8003	6967.1777
05-02-2022 12:50	49.97882	257.70856	262.55722	254.52303	451.93045	447.40173	442.67624	21.420387	25.692879	21.243782	-0.36254787	-0.54481983	-0.4693942	-0.4648078	1954.0167	3589.696	2452.895	7996.6074
05-02-2022 12:51	49.981987	257.50467	263.44547	254.0814	451.88504	447.91818	442.63528	21.667328	24.371967	21.37161	-0.34673434	-0.43525928	-0.46087497	-0.41470534	1892.116	2752.7566	2412.7026	7057.575
05-02-2022 12:52	49.97394	258.30106	263.94592	254.77577	453.15457	448.95367	443.77856	21.727333	24.639687	21.282932	-0.34936175	-0.4421802	-0.45525444	-0.41377294	1904.6709	2734.7363	2386.7827	7026.1904
05-02-2022 12:53	50.001274	258.4821	264.56833	253.85815	453.28183	448.87747	443.53818	21.470072	24.533615	23.62719	-0.33283913	-0.45247945	-0.72670025	-0.50680196	1794.3024	2856.239	4232.4175	8882.959
05-02-2022 12:54	50.014347	257.8896	263.22296	255.004	452.57797	448.35086	443.38058	21.772423	25.86957	21.23175	-0.35501674	-0.53213507	-0.46513748	-0.45583388	1939.5973	3454.9587	2432.9675	7827.524
05-02-2022 12:55	50.02867	258.42	264.10464	254.70541	453.5091	448.86075	443.87738	21.636852	23.73732	20.744207	-0.3481805	-0.46532714	-0.57693654	-0.4610507	1890.0914	2853.562	2945.0532	7688.7065
05-02-2022 12:56	50.065975	259.0941	264.61624	254.77806	454.13776	449.70813	444.5839	21.652718	23.991512	20.772167	-0.34414038	-0.47232482	-0.57499117	-0.46165004	1895.9431	2927.937	2924.7827	7748.6626
05-02-2022 12:57	50.067337	259.8823	264.8792	255.50174	455.17715	450.6183	445.70584	21.751823	24.270021	20.897911	-0.34711197	-0.47703373	-0.57765204	-0.46522138	1914.437	2921.6626	2967.3948	7803.494
05-02-2022 12:58	50.09238	259.91232	264.8198	255.71297	455.1592	451.2011	445.4546	21.897219	24.229452	21.120909	-0.34968448	-0.46433932	-0.4973773	-0.43629432	1888.5813	2861.7563	2593.7146	7344.0522
05-02-2022 12:59	50.09346	260.2898	265.52988	256.4275	455.9071	452.06168	446.965	21.856688	24.111462	21.201803	-0.34388414	-0.47350058	-0.50751275	-0.44045007	1916.282	2899.0913	2664.7732	7480.1465
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
05-02-2022 13:00	50.114544	261.5695	266.80753	257.72897	458.5969	454.2592	448.76428	21.855146	24.248302	21.24165	-0.34467682	-0.46972853	-0.49927324	-0.43796378	1916.7839	2930.05	2648.937	7495.7715
05-02-2022 13:01	50.15001	263.9018	269.24237	260.24713	462.7429	458.22092	453.2722	22.059631	24.563858	21.569908	-0.34553662	-0.48089427	-0.5150069	-0.4474551	1972.8154	3198.6162	2795.2964	7966.7285
05-02-2022 13:02	50.171677	259.9154	266.02167	256.5261	456.61716	451.80658	446.88577	21.913206	24.716265	21.01854	-0.34187204	-0.42780393	-0.49907985	-0.42269516	1911.6147	2732.4985	2625.2102	7269.3237
05-02-2022 13:03	50.173492	260.04556	265.53796	256.9303	456.46942	452.35663	446.5689	21.660387	25.641855	21.346807	-0.3453753	-0.51001537	-0.5099792	-0.45802653	1904.9448	3389.5999	2707.4622	8002.007
05-02-2022 13:04	50.183315	260.23352	265.467	256.60132	456.97165	451.44363	446.61157	21.52634	24.9151	21.289688	-0.33272922	-0.4420876	-0.51236886	-0.42889187	1823.4636	2839.1436	2714.512	7377.119
05-02-2022 13:05	50.116196	253.32368	258.24677	249.7201	444.51437	439.3163	434.80206	20.856892	24.59713	20.731514	-0.37298095	-0.44854963	-0.5844793	-0.46640623	1927.0673	2767.2935	2934.7537	7629.1143
05-02-2022 13:06	50.10734	246.25157	252.52977	243.11679	432.58392	428.99356	423.47412	20.73664	24.347837	20.738314	-0.40140247	-0.45785323	-0.5838403	-0.47883755	1986.4678	2631.316	2850.1638	7466.1035
05-02-2022 13:07	50.074474	245.1885	250.85643	242.0473	430.31458	426.6316	421.50916	20.684883	24.647953	20.930044	-0.39903176	-0.4644426	-0.5891496	-0.48250344	1959.8082	2682.3562	2859.6953	7501.86
05-02-2022 13:08	50.0502	243.03642	248.8464	240.31482	427.19113	423.17297	417.8805	20.35327	24.021557	20.619402	-0.3872718	-0.4438436	-0.5868912	-0.4705828	1786.5481	2677.9148	2881.66	7346.123
05-02-2022 13:09	50.044582	242.49362	248.24173	240.28978	426.3402	422.5887	417.27966	20.576385	24.064257	21.142567	-0.4039526	-0.45684388	-0.5142345	-0.45845544	1959.6979	2682.746	2524.8723	7167.3164
05-02-2022 13:10	50.03181	242.62352	247.98106	240.25354	426.23273	422.2939	417.39008	20.554771	23.718683	21.273172	-0.41230446	-0.48943895	-0.52056724	-0.47511935	2007.729	2789.606	2568.7373	7366.0723
05-02-2022 13:11	50.03289	242.77383	248.0732	240.25674	426.0256	422.6401	417.67828	21.766392	23.828354	21.607096	-0.40836024	-0.4858592	-0.45231643	-0.4499988	2112.6768	2761.2083	2267.7832	7141.668
05-02-2022 13:12	49.987232	241.84146	246.58374	239.04086	424.18756	420.3622	415.49207	21.286968	24.322863	21.627188	-0.38781884	-0.46935728	-0.46547997	-0.44083533	1957.0349	2656.5146	2316.2754	6929.8247
05-02-2022 13:13	49.99195	241.97136	247.24178	239.0792	424.8095	420.99033	415.67902	21.112991	24.107912	21.565874	-0.35716924	-0.46255818	-0.45462194	-0.42653832	1782.2496	2647.122	2257.759	6687.1313
05-02-2022 13:14	50.003166	241.9947	247.87047	239.26254	425.17706	421.5308	416.22012	21.056173	23.493357	21.579903	-0.3443345	-0.45394236	-0.4575067	-0.42035943	1701.8313	2565.0378	2290.5476	6557.417
05-02-2022 13:15	50.01761	239.89728	248.47006	239.05925	423.56876	421.25986	415.149	21.030634	23.902071	21.45773	-0.35001194	-0.4608185	-0.496384	-0.43708563	1729.6311	2700.6816	2451.393	6881.706
05-02-2022 13:16	50.033207	240.44608	248.47585	238.9941	424.0708	421.19373	415.56015	21.003738	24.15866	21.112518	-0.34394562	-0.4700979	-0.57493764	-0.46288836	1703.1514	2694.547	2799.8293	7197.5283
05-02-2022 13:17	50.051	241.2138	249.44553	239.67802	425.47635	422.57025	416.9711	20.957947	23.221478	21.0336	-0.3395455	-0.45352155	-0.57148725	-0.45432335	1680.1858	2548.0796	2785.587	7013.8525
05-02-2022 13:18	50.047314	240.88406	249.60144	239.18622	425.193	422.28677	416.38834	21.017704	23.70839	21.13361	-0.3362919	-0.4221143	-0.5627355	-0.43902585	1660.3217	2412.1895	2746.834	6819.345
05-02-2022 13:19	50.06801	240.40958	249.21608	238.86351	424.5843	421.54016	415.6942	20.4574	23.50519	21.305754	-0.39317673	-0.3919268	-0.57404435	-0.45057297	1888.9121	2226.2778	2809.1873	6924.3774
05-02-2022 13:20	50.09099	239.97435	249.07549	240.15901	424.746	422.07446	416.23077	17.978775	23.416693	21.367968	-0.6565595	-0.38524887	-0.49824077	-0.49991256	2740.9033	2132.296	2467.9429	7341.1426
05-02-2022 13:21	50.067513	240.10718	249.65575	240.95416	425.3896	423.1445	417.12518	18.687668	23.358162	21.531832	-0.67264766	-0.38023785	-0.46788543	-0.49396408	2919.852	2121.8796	2349.4065	7391.138
05-02-2022 13:22	50.080524	240.26385	249.5042	241.34264	425.64316	423.57587	417.12683	18.783915	23.836128	21.54027	-0.6715176	-0.39507362	-0.4620964	-0.49552065	2930.774	2193.415	2320.7444	7444.9326
05-02-2022 13:23	50.07599	241.0885	251.03001	242.33292	427.8223	425.43274	418.87378	19.999062	23.700275	21.56658	-0.7215403	-0.39170903	-0.4556355	-0.50542957	3285.768	2184.9958	2306.6416	7777.4062
05-02-2022 13:24	50.06839	241.9901	250.9879	242.00887	428.03613	425.68912	419.34317	18.606728	23.126518	21.441156	-0.67046726	-0.3702245	-0.45471165	-0.48586914	2926.1416	2022.7379	2289.9246	7238.8037
05-02-2022 13:25	50.077953	242.05055	250.86613	242.21342	428.24045	425.46402	419.6034	18.61337	22.678614	21.719074	-0.6723864	-0.4059863	-0.46691135	-0.50460297	2939.9238	2228.2588	2382.8079	7550.99
05-02-2022 13:26	50.086063	242.41649	251.18689	242.84038	428.74948	426.27533	420.55484	18.635708	23.099365	21.30516	-0.6541957	-0.4312049	-0.45009184	-0.5024173	2861.1616	2431.4312	2255.9553	7548.548
05-02-2022 13:27	50.078735	242.05663	250.84875	242.32545	428.3126	425.66562	419.50714	18.41775	23.086273	21.261389	-0.65190274	-0.41620642	-0.4961261	-0.5154273	2823.0898	2326.9246	2472.0547	7622.0693
05-02-2022 13:28	50.048046	242.07698	250.72836	242.50328	428.34476	425.70493	419.56827	18.463133	22.81872	20.870632	-0.6526447	-0.40432334	-0.47871727	-0.5018433	2828.2627	2233.9597	2352.1401	7414.363
05-02-2022 13:29	50.047913	242.83769	251.12714	242.6785	429.06924	426.33658	420.52643	18.338556	22.870626	20.882856	-0.6490583	-0.40992737	-0.47958308	-0.5031515	2812.9395	2229.0547	2366.542	7399.5986
05-02-2022 13:30	50.027122	241.63861	250.08517	242.02106	427.22156	424.89774	418.79178	18.407814	22.96092	20.44062	-0.6456828	-0.3920358	-0.3513355	-0.45376468	2795.392	2142.6887	1692.7257	6630.8066
05-02-2022 13:31	50.015366	240.95554	249.48647	241.73189	426.2839	423.9002	417.99887	18.384201	22.250568	20.414204	-0.64385295	-0.36133263	-0.35502735	-0.4431077	2771.0166	1932.9851	1710.2502	6414.252
05-02-2022 13:32	49.992916	240.58792	249.38765	241.37778	425.82565	423.61118	417.33008	18.375473	21.911257	20.395199	-0.64346445	-0.35729077	-0.34071046	-0.43729496	2767.309	1891.6919	1633.5371	6292.538
05-02-2022 13:33	49.98355	240.5589	249.71068	241.33101	425.89838	423.99356	417.3095	18.10189	22.667152	20.355291	-0.6300401	-0.32417125	-0.34152707	-0.41888767	2666.4233	1767.8965	1636.515	6070.835
05-02-2022 13:34	49.98042	241.87569	250.7738	242.3394	427.8828	425.77228	419.41354	18.032976	22.85366	20.704449	-0.5696553	-0.31778276	-0.36557955	-0.40688476	2415.7622	1739.6421	1792.2261	5947.63
05-02-2022 13:35	49.987267	242.4248	251.57376	243.2022	429.1756	427.06543	420.65576	18.02512	22.949821	20.598688	-0.6337843	-0.33659905	-0.36793667	-0.4327112	2690.2124	1835.8278	1793.5902	6319.63
05-02-2022 13:36	49.994495	242.73883	252.35268	243.37286	429.897	427.99045	421.20444	18.14716	22.77402	20.788347	-0.6052973	-0.3277022	-0.36309507	-0.41978845	2598.0024	1822.0629	1789.9147	6209.98
05-02-2022 13:37	50.009117	242.87093	253.09563	243.21529	430.3523	428.44626	421.53815	17.965359	22.983833	20.21354	-0.6042341	-0.34608316	-0.44704455	-0.45331708	2555.574	1950.7953	2140.0437	6646.413
05-02-2022 13:38	50.021206	244.1114	252.43747	244.54144	431.6177	429.1358	422.87985	18.283373	26.17918	19.682076	-0.6159809	-0.52904993	-0.41982532	-0.52083004	2671.226	3418.933	1977.5393	8067.699
05-02-2022 13:39	50.025528	244.0591	251.75824	244.40947	431.02023	428.61633	422.49954	18.335403	26.004217	20.01797	-0.6209717	-0.57672286	-0.32012632	-0.51029897	2708.313	3770.9185	1544.5924	8023.8237
05-02-2022 13:40	50.032356	243.98431	251.96173	245.25487	431.3751	428.9721	423.45963	18.080023	25.517942	19.946056	-0.62370527	-0.5853881	-0.32867426	-0.5164305	2674.839	3698.5566	1578.5757	7951.9717
05-02-2022 13:41	50.036667	243.9295	251.34694	245.59764	431.19028	428.9002	423.14383	17.059402	25.617702	20.644587	-0.6560556	-0.61830056	-0.24016912	-0.51006985	2643.356	3944.4395	1198.1562	7785.9517
05-02-2022 13:42	50.034286	244.23282	252.33015	244.79686	431.3482	429.51312	423.2403	16.987373	21.867447	21.697086	-0.642158	-0.45686966	-0.30490366	-0.45372894	2572.9658	2438.2097	1581.1113	6592.287
05-02-2022 13:43	50.001255	244.2704	252.0242	244.32346	430.93155	429.34818	422.54565	17.051622	21.858784	22.244583	-0.6485865	-0.45665976	-0.20760447	-0.4196472	2620.7358	2440.0093	1096.8533	6157.598
05-02-2022 13:44	49.985867	243.96599	251.60654	244.01251	430.51764	428.35056	422.16153	17.030596	22.245068	21.992743	-0.6502519	-0.47243997	-0.3130611	-0.4662802	2622.6052	2596.3345	1631.1609	6850.1006
05-02-2022 13:45	49.969543	243.9821	251.47148	244.25092	430.51767	428.41367	422.302	18.392942	21.942194	21.77495	-0.6957385	-0.4899042	-0.31338158	-0.4868084	3018.4646	2591.9668	1627.5525	7237.984
05-02-2022 13:46	49.980465	244.5012	251.65594	244.09386	431.02057	428.55795	422.6049	17.36301	21.05026	21.146059	-0.59621257	-0.4454386	-0.26619455	-0.42557937	2453.5564	2278.11	1343.092	6075.8213
05-02-2022 13:47	49.97335	244.62373	251.05127	244.76546	431.0422	428.4412	423.014	17.465937	21.63853	21.217514	-0.6008185	-0.4520208	-0.25792587	-0.42657387	2491.6736	2381.271	1316.9417	6189.8867
05-02-2022 13:48	49.975384	244.12407	251.32947	244.13387	430.71283	427.9591	422.3536	17.39124	21.755217	20.457722	-0.59616536	-0.41281676	-0.3466223	-0.4430327	2450.908	2268.554	1679.3975	6398.8594
05-02-2022 13:49	49.975204	243.90836	251.94691	243.75179	430.5402	428.22342	422.30417	17.643257	21.985897	20.472515	-0.52908194	-0.41887835	-0.34154952	-0.42465517	2202.1794	2204.4075	1658.9089	6065.4956
05-02-2022 13:50	50.010414	243.70085	252.56496	244.12616	430.74713	428.88773	422.78958	17.65553	21.67241	20.472033	-0.5238384	-0.41026497	-0.338481	-0.4188398	2187.927	2184.5095	1654.9062	6027.343
05-02-2022 13:51	50.040268	244.24559	252.68701	244.60136	431.54773	429.31366	423.5374	17.677467	21.94437	20.629938	-0.5276199	-0.41623938	-0.35421875	-0.42738014	2214.3967	2244.6638	1745.9951	6205.056
05-02-2022 13:52	50.057457	244.4864	252.27943	244.04909	431.59897	428.7631	422.79916	17.649244	22.220242	21.01654	-0.5290833	-0.4226087	-0.3006869	-0.41157904	2230.7478	2298.39	1506.0151	6035.1523
05-02-2022 13:53	50.06043	244.36882	252.54063	244.40137	431.50473	429.17712	423.33426	17.931856	21.91142	21.483425	-0.5419689	-0.4082189	-0.27447084	-0.4004542	2489.3374	2227.3955	1428.4722	6145.205
05-02-2022 13:54	50.081856	244.81335	251.94312	244.4285	431.37006	429.27914	423.15372	17.716564	21.58609	21.390898	-0.53039044	-0.40095007	-0.2672979	-0.39156115	2242.0298	2146.9824	1376.1388	5775.839
05-02-2022 13:55	50.059605	245.04053	252.03838	244.42838	431.83047	429.2948	423.23572	17.698875	21.861956	21.450815	-0.5318071	-0.41677594	-0.27124476	-0.39943385	2254.5046	2237.673	1389.0669	5881.2446
05-02-2022 13:56	50.046772	244.50453	251.59445	244.2043	430.95413	428.78506	422.536	17.481644	21.346493	21.257656	-0.60263443	-0.44752902	-0.2740767	-0.4312833	2514.1206	2329.5168	1393.7234	6237.361
05-02-2022 13:57	50.026	244.51479	252.25919	244.92268	431.6204	429.51978	423.542	17.518246	21.242113	21.37561	-0.6037509	-0.4452574	-0.27902198	-0.4319597	2514.8286	2309.8672	1429.031	6253.7266
05-02-2022 13:58	50.00793	244.86018	252.47447	244.86668	431.94202	429.9467	423.67404	17.396105	21.2035	21.375582	-0.59745	-0.44660583	-0.26920432	-0.42700982	2477.2944	2312.1365	1378.6807	6168.1113
05-02-2022 13:59	49.985416	244.72414	252.93233	244.67474	432.0008	430.04285	423.74615	17.291142	21.421673	20.63447	-0.59600127	-0.44684762	-0.3533435	-0.45946008	2458.2397	2388.0793	1740.2992	6586.618
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
05-02-2022 14:00	49.972767	244.54303	252.94221	244.53778	431.8514	430.03088	423.3774	17.25238	21.123917	20.492373	-0.59418184	-0.40339822	-0.3400778	-0.4366534	2443.522	2098.4111	1664.3975	6206.3306
05-02-2022 14:01	50.024185	246.06328	253.60172	245.5106	433.79892	431.5354	425.38318	17.299335	21.284601	20.491907	-0.5953873	-0.40396863	-0.33762887	-0.4366586	2481.179	2132.069	1666.836	6280.084
05-02-2022 14:02	50.046837	246.87515	255.38698	246.94456	435.952	434.09167	427.6552	17.318462	21.297491	20.644629	-0.5973857	-0.3890253	-0.3517288	-0.43536827	2481.1445	2064.3464	1754.2335	6299.724
05-02-2022 14:03	50.030212	247.76363	255.02425	247.25	436.86765	434.13605	428.13147	17.353247	21.448494	21.357471	-0.5990689	-0.37674344	-0.26054066	-0.3992582	2512.5051	1987.6367	1350.8555	5850.997
05-02-2022 14:04	50.037636	247.23212	255.46016	247.45558	436.66724	434.55338	428.10614	17.443798	21.706306	21.92474	-0.59545076	-0.33674356	-0.23269734	-0.37311983	2516.7441	1826.1102	1238.4642	5581.3184
05-02-2022 14:05	50.02903	249.39597	255.11945	247.86458	438.53262	435.4781	429.17993	17.537088	21.95721	22.880924	-0.6096479	-0.33788708	-0.18786344	-0.35914418	2598.495	1840.4406	1037.4507	5476.386
05-02-2022 14:06	50.014244	248.56744	253.98871	247.06909	436.8706	433.65176	427.89304	17.528454	22.199326	22.829575	-0.56260455	-0.35430625	-0.19785161	-0.3555922	2390.3928	1988.3888	1082.9652	5461.747
05-02-2022 14:07	49.99464	246.35509	254.2218	246.61787	434.69647	432.99063	426.52502	17.436722	22.222202	22.784784	-0.55125844	-0.3585238	-0.20809816	-0.35709983	2313.565	1933.9236	1137.5651	5385.0537
05-02-2022 14:08	49.973293	246.30013	254.32022	244.78195	433.99887	431.80466	425.31625	17.192686	21.95592	22.706652	-0.5304571	-0.35689002	-0.5153017	-0.4620057	2229.4048	1870.852	2779.0198	6879.277
05-02-2022 14:09	49.96226	247.72821	252.87787	245.07423	434.77625	431.3	425.51605	17.483232	21.878214	22.662903	-0.541093	-0.34427002	-0.19215195	-0.3445743	2284.968	1874.0919	1047.0647	5206.125

05-02-2022 14:10	49.970898	247.3025	251.75116	244.6384	433.85162	429.8564	424.43158	17.589176	25.622093	21.274939	-0.5483831	-0.54258305	-0.31029207	-0.47060573	2321.943	3490.1782	1584.2363	7396.358
05-02-2022 14:11	49.976307	246.948	251.77977	243.77785	432.986	429.4214	423.68777	17.353777	21.794987	21.422012	-0.53962165	-0.39732656	-0.30345806	-0.40521392	2262.1946	2145.0928	1553.3778	5960.665
05-02-2022 14:12	49.960262	245.97879	251.56122	243.26404	431.90674	428.39792	422.84586	17.242022	21.6577	21.441914	-0.5291768	-0.39063808	-0.32248682	-0.40411133	2179.8118	2055.1836	1649.8615	5884.8564
05-02-2022 14:13	49.98795	246.1466	250.6831	242.78468	431.50784	427.52255	422.05585	17.2458	21.576649	21.459044	-0.52998036	-0.3769152	-0.3246333	-0.40217486	2203.651	2043.1877	1653.1396	5899.978
05-02-2022 14:14	49.99141	244.86183	249.64473	242.37694	429.48434	426.4126	420.4539	17.36191	21.921135	22.209694	-0.53289723	-0.38805827	-0.22956604	-0.3721386	2213.6177	2133.475	1237.4171	5584.51
05-02-2022 14:15	50.007603	244.88042	249.5705	242.05554	429.6168	425.80685	420.2758	17.343428	21.756495	22.215229	-0.531171	-0.38476962	-0.23284563	-0.37161964	2204.0554	2039.4446	1227.7819	5471.2817
05-02-2022 14:16	50.040516	244.52339	249.54527	241.90277	429.16022	425.8025	419.812	17.3549	21.65031	22.244654	-0.52742225	-0.38133758	-0.23408453	-0.36967608	2195.764	2020.8495	1238.9064	5455.52
05-02-2022 14:17	50.030125	243.55324	248.52054	241.31625	427.54675	424.28873	418.46402	17.475126	21.830824	22.208458	-0.5444098	-0.3841071	-0.23136474	-0.374932	2265.4646	2012.0474	1216.581	5494.093
05-02-2022 14:18	50.0038	242.39183	247.6972	240.325	425.5266	422.76874	416.85272	17.66621	21.326546	22.130344	-0.5540205	-0.36782277	-0.24420175	-0.37708896	2316.7678	1995.8788	1277.2206	5589.867
05-02-2022 14:19	49.977303	243.03421	247.92197	241.34492	426.75662	423.5152	418.13504	17.699299	22.385958	22.24758	-0.5553434	-0.34740713	-0.23655601	-0.36702988	2350.1487	1885.4072	1231.0981	5452.9663
05-02-2022 14:20	49.953377	242.55435	248.13402	240.0627	425.8667	422.7961	417.07443	17.5495	22.403687	21.36815	-0.5467695	-0.35626996	-0.32446072	-0.39766988	2276.4175	1864.175	1639.814	5780.4062
05-02-2022 14:21	49.936577	241.26115	246.90898	238.78838	423.72955	420.70322	414.7368	17.540968	22.522358	21.299522	-0.5469215	-0.36735168	-0.31776878	-0.4015033	2255.7227	1991.2657	1585.2339	5832.222
05-02-2022 14:22	49.930138	238.13556	243.88841	236.13788	418.81036	415.59814	409.52155	17.484432	22.185108	21.124321	-0.541022	-0.34765974	-0.3158258	-0.3864142	2192.2573	1733.3884	1534.6704	5460.3164
05-02-2022 14:23	49.92903	238.50383	244.01256	235.94879	418.66937	416.06848	409.7207	17.346323	21.96211	23.06473	-0.5459111	-0.34480208	-0.42442626	-0.4294654	2205.3599	1826.2476	2262.2166	6293.8237
05-02-2022 14:24	49.899822	236.84348	242.44951	234.5863	415.66583	413.99622	406.8509	17.366596	22.161987	23.617647	-0.5460454	-0.3515988	-0.35049197	-0.40438193	2179.9832	1827.528	1904.8314	5912.343
05-02-2022 14:25	49.930656	237.00809	241.93169	234.633	415.57065	413.39224	407.01385	17.450954	22.37017	23.582544	-0.54552776	-0.37747356	-0.34692648	-0.41211283	2194.428	1997.9211	1880.45	6072.799
05-02-2022 14:26	49.917316	235.86082	241.14265	233.44972	414.0562	411.51923	405.00275	17.886131	22.177547	22.519539	-0.4818483	-0.35867605	-0.24091469	-0.3526275	1993.1655	1848.6279	1237.5005	5079.294
05-02-2022 14:27	49.934265	236.27919	240.40028	232.4485	413.4351	410.40094	404.444	18.726994	21.885227	23.502176	-0.32949817	-0.40890065	-0.348572	-0.36382952	1425.9291	2087.8293	1863.305	5377.0635
05-02-2022 14:28	49.93769	236.09564	239.74089	232.44849	412.79926	409.9051	404.10846	19.974897	22.238888	22.522778	-0.2185551	-0.46517286	-0.2410432	-0.31234682	1011.58594	2431.7551	1229.5504	4672.8916
05-02-2022 14:29	49.966717	236.43745	240.23671	232.86456	413.44836	410.47424	405.06473	20.026667	22.155655	22.619034	-0.21870115	-0.4577167	-0.23293483	-0.30645773	1013.30505	2388.94	1195.0853	4597.33
05-02-2022 14:30	49.99954	236.26984	240.2546	232.68105	413.05548	410.5374	404.81686	20.026619	21.856201	22.174747	-0.21358784	-0.44825828	-0.26470947	-0.3131901	996.19507	2322.2317	1333.5109	4651.938
05-02-2022 14:31	49.977768	235.74342	239.65967	231.89632	412.15674	409.1712	403.78345	19.96106	21.860527	21.532536	-0.20689411	-0.43282554	-0.34270513	-0.33102146	955.42065	2195.7402	1664.7261	4815.8867
05-02-2022 14:32	50.026432	235.52379	239.26892	231.87373	411.7385	408.74283	403.53137	19.971937	21.865273	21.334867	-0.21218695	-0.43991992	-0.34414122	-0.3354567	981.95605	2240.2625	1664.9905	4887.209
05-02-2022 14:33	50.053997	235.89952	240.68391	232.57579	412.94583	410.67444	404.71515	20.00082	21.831339	21.40931	-0.209844	-0.43809256	-0.34082887	-0.33331794	975.6095	2241.752	1659.1699	4876.5312
05-02-2022 14:34	50.04499	236.77727	241.32544	233.91609	414.654	411.98303	406.64862	19.336552	22.004368	21.56202	-0.26955858	-0.4432798	-0.34204468	-0.35559028	1206.3362	2191.6536	1685.941	5083.9307
05-02-2022 14:35	50.03888	235.29698	240.04997	232.89694	412.42426	410.02386	404.29825	19.430931	22.662218	22.171824	-0.27240154	-0.41394055	-0.26200292	-0.31944576	1213.8816	2116.552	1331.884	4662.3174
05-02-2022 14:36	50.0216	235.27312	239.76224	232.52177	411.96722	409.63083	403.9581	19.337463	21.899673	22.156422	-0.26655522	-0.38602033	-0.26807833	-0.30897865	1194.6779	1965.2521	1357.173	4517.1025
05-02-2022 14:37	49.97327	235.76332	240.0251	232.10268	412.52933	409.51855	404.09106	19.157612	21.642448	22.64158	-0.26184556	-0.39000073	-0.41803443	-0.36239502	1162.1917	2008.0991	2144.4163	5314.707
05-02-2022 14:38	49.972378	235.70369	240.23837	232.64828	412.70172	410.02905	404.61777	19.362326	21.359205	21.112497	-0.267531	-0.37620738	-0.29095393	-0.31332576	1193.5125	1902.188	1396.1858	4491.8857
05-02-2022 14:39	49.980377	237.16335	241.51176	233.67717	414.92285	412.32437	406.61676	19.25778	21.375933	22.324387	-0.26456645	-0.38154942	-0.392165	-0.34947297	1186.9908	1929.4094	2001.4941	5117.8945
05-02-2022 14:40	49.972183	235.94904	240.99425	233.01524	413.4903	411.0873	405.14404	19.331614	21.145296	21.177805	-0.26411542	-0.37475455	-0.28649965	-0.31038526	1179.6135	1877.083	1375.5381	4432.2344
05-02-2022 14:41	49.960144	235.0454	240.03166	232.08357	411.64005	409.52078	403.71265	19.317495	21.146675	21.204178	-0.26469597	-0.37628698	-0.28846785	-0.31175733	1176.2192	1862.8834	1384.0544	4423.157
05-02-2022 14:42	49.958305	235.22507	240.25662	231.35948	411.85162	409.2089	403.26532	19.229397	21.779045	20.847929	-0.2598968	-0.39355642	-0.34222436	-0.33496183	1156.7137	2011.1763	1601.1045	4768.9946
05-02-2022 14:43	49.960052	235.1766	239.78864	230.87495	411.1953	408.6307	402.76196	19.215174	21.240944	20.7734	-0.26215607	-0.40823764	-0.3373907	-0.33868834	1160.7207	2024.5342	1574.3932	4759.648
05-02-2022 14:44	49.984276	234.19392	238.801	230.06624	409.54086	407.10938	401.12354	19.171864	20.630682	20.899523	-0.25896072	-0.3883324	-0.33284256	-0.32875445	1139.3759	1876.8008	1558.3112	4574.488
05-02-2022 14:45	50.033707	233.54362	238.98213	230.29228	409.00504	407.08252	401.2654	19.16943	20.79341	22.100033	-0.26369223	-0.39395615	-0.43752727	-0.3689821	1156.6973	1916.5321	2172.5613	5245.7905
05-02-2022 14:46	50.023285	234.16028	238.80876	231.51918	410.0059	408.10687	402.12747	19.276888	20.649397	21.608398	-0.2664873	-0.3805499	-0.25373706	-0.30008745	1167.6234	1831.8376	1237.378	4236.839
05-02-2022 14:47	50.066505	234.61954	238.79933	232.03662	410.77213	408.28253	402.85782	19.37318	20.879812	21.638288	-0.26968428	-0.40052232	-0.255372	-0.3085547	1192.0948	1949.6218	1245.1388	4386.8555
05-02-2022 14:48	50.034515	234.75812	239.02931	231.31209	410.73553	408.00528	402.56107	19.857328	20.816935	21.556711	-0.2074225	-0.3699753	-0.26347503	-0.28191268	947.72144	1806.5431	1281.1089	4035.3735
05-02-2022 14:49	50.029793	234.53032	239.25131	229.35689	409.99323	406.9024	401.01834	19.624619	21.2687	22.069616	-0.19707613	-0.31783742	-0.552004	-0.3600554	888.4165	1580.8722	2716.7402	5186.0293
05-02-2022 14:50	50.038227	234.00838	238.80174	230.48946	409.75885	407.00153	401.42886	19.831182	22.53811	21.601866	-0.20677482	-0.3155401	-0.25902852	-0.26298845	941.6901	1652.4102	1255.5111	3849.6116
05-02-2022 14:51	50.018562	233.26291	238.38329	229.67601	408.45782	405.96262	400.34427	19.738659	21.80707	21.47888	-0.19917965	-0.3013636	-0.2595128	-0.25370815	900.6531	1515.824	1245.1238	3661.601
05-02-2022 14:52	50.004093	233.46674	238.57254	229.90903	408.9437	406.3323	400.57468	19.701332	21.715355	21.434345	-0.19639954	-0.29189008	-0.26310462	-0.25235686	888.3423	1496.706	1265.3093	3650.3577
05-02-2022 14:53	49.988487	232.79938	238.3768	228.89842	407.94095	405.497	399.17163	19.584164	21.915552	22.021534	-0.1922042	-0.30686313	-0.4473813	-0.31911188	855.96436	1583.0828	2194.7424	4633.7896
05-02-2022 14:54	49.952465	233.31845	239.24596	229.72809	408.94498	407.0162	400.48767	19.623713	21.504213	20.70137	-0.19103168	-0.2974647	-0.3732804	-0.28857875	855.6601	1505.8137	1726.6918	4088.1655
05-02-2022 14:55	49.965797	234.9719	240.67131	231.3218	411.7792	409.3872	403.37555	19.704725	21.746586	20.714104	-0.19132553	-0.3004992	-0.3734872	-0.28970551	869.84216	1544.4363	1746.5892	4160.868
05-02-2022 14:56	49.951344	235.8507	241.43886	232.94019	413.52057	411.35645	405.3171	19.768826	21.714163	21.389694	-0.19457832	-0.29444978	-0.292137	-0.2622942	893.2812	1514.403	1424.2566	3831.9407
05-02-2022 14:57	49.959713	235.46915	240.27371	232.813	412.71826	410.06595	404.5049	20.037043	23.304573	21.23894	-0.20987205	-0.40165752	-0.30037245	-0.30934048	973.37463	2195.2285	1447.6927	4616.296
05-02-2022 14:58	49.95925	235.69646	241.3197	232.47012	413.22125	410.9356	404.75177	20.002174	21.833	22.209335	-0.2058515	-0.338876	-0.25532237	-0.26973236	948.56287	1755.4138	1294.3871	3998.3638
05-02-2022 14:59	49.953266	235.70512	241.08209	232.32463	412.8645	410.46713	404.9245	19.983805	21.404186	22.171011	-0.20299076	-0.32842633	-0.2531507	-0.26322582	933.8028	1653.8207	1266.7579	3854.381

Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
05-02-2022 15:00	50.001034	237.19368	241.98103	233.91151	415.34082	412.72156	407.07602	20.018139	21.525984	22.331572	-0.19931258	-0.32365802	-0.25448388	-0.26082128	930.0044	1676.3364	1294.1278	3900.4688
05-02-2022 15:01	50.035934	238.502	243.52756	235.37724	417.82367	415.40222	409.39682	20.107533	21.838171	22.388737	-0.20149265	-0.33155233	-0.24741344	-0.26003048	947.5414	1709.8337	1277.7017	3935.0767
05-02-2022 15:02	50.065994	238.17163	243.7391	235.07591	417.3787	415.38254	409.13556	20.12641	21.643917	22.35971	-0.19745976	-0.32675487	-0.25079066	-0.26010725	931.15607	1699.1902	1298.2578	3928.604
05-02-2022 15:03	50.089756	238.63454	244.19269	234.98099	418.19397	415.62048	409.50958	20.095604	21.69403	21.736155	-0.19138715	-0.32862386	-0.33492625	-0.28721824	916.4203	1710.8267	1680.6223	4307.869
05-02-2022 15:04	50.098774	237.86713	243.50357	234.97643	417.21832	414.83484	408.73807	20.112097	22.285248	21.6298	-0.1940133	-0.35168788	-0.31966805	-0.29146364	916.975	1867.9976	1576.1359	4361.1084
05-02-2022 15:05	50.086304	238.15729	243.13544	234.87627	416.92255	414.3666	409.18744	20.889624	21.996477	21.619196	-0.14265487	-0.33921453	-0.31199688	-0.2663725	709.3843	1782.8215	1551.2303	4043.4363
05-02-2022 15:06	50.0804	238.32927	243.39893	234.75317	417.29572	414.55902	409.16605	20.960804	22.386642	21.62483	-0.14300098	-0.29498148	-0.32277885	-0.25479764	693.33765	1556.7662	1612.4685	3862.5723
05-02-2022 15:07	50.053326	237.61427	242.62077	234.43462	416.0541	413.80045	408.02576	20.91155	22.152338	22.362179	-0.14751524	-0.29582512	-0.2512722	-0.23338728	717.901	1535.2979	1279.5781	3532.777
05-02-2022 15:08	50.03617	235.18817	241.08781	232.8506	412.52118	411.03677	404.72333	20.8419	21.710217	21.761515	-0.1481697	-0.309354	-0.27709937	-0.24659412	715.5097	1577.658	1365.7933	3658.9612
05-02-2022 15:09	50.005318	235.76382	240.8557	232.93195	413.0515	410.92798	405.03568	20.667772	21.976881	21.712723	-0.14869791	-0.3107958	-0.27830106	-0.24790575	708.1117	1587.6061	1382.8779	3678.752
05-02-2022 15:10	50.021595	235.97424	241.672	233.43173	413.76575	411.92935	405.9657	20.689228	21.95419	21.755821	-0.14472613	-0.3077961	-0.27612838	-0.24500526	689.5617	1606.5929	1363.273	3659.4275
05-02-2022 15:11	50.00157	235.87541	241.68803	233.70227	413.91077	412.09973	405.97607	20.680544	22.61892	21.801832	-0.14731778	-0.32260084	-0.28378013	-0.25412637	706.3592	1706.177	1394.6315	3807.168
05-02-2022 15:12	49.987366	236.07973	241.38173	233.90033	414.1321	411.83185	406.1857	19.969555	22.627663	21.668255	-0.20806484	-0.3194785	-0.28332534	-0.27291027	963.88025	1696.269	1401.306	4061.455
05-02-2022 15:13	49.953518	236.23457	241.21233	232.91324	413.58264	411.54193	405.29132	19.719608	21.456005	22.885529	-0.20450714	-0.3514241	-0.3971462	-0.32231456	935.53357	1782.3839	2076.332	4794.2495
05-02-2022 15:14	49.937077	235.93657	241.58244	232.53093	413.43298	411.2451	405.20523	19.777477	21.432821	20.991798	-0.20021297	-0.35390928	-0.3566044	-0.30511144	904.08777	1794.0901	1699.7837	4397.9614
05-02-2022 15:15	49.93268	236.1478	241.21834	232.55125	413.36243	411.04688	405.24133	19.447077	21.392853	22.177946	-0.20724924	-0.38865387	-0.45161635	-0.35525042	951.8937	1963.1837	2275.762	5190.8394
05-02-2022 15:16	49.93735	234.98166	239.9764	231.98166	411.68362	409.3358	403.47302	19.555387	21.205435	20.737034	-0.21113896	-0.38316575	-0.35696724	-0.3197401	943.0878	1910.9874	1687.1766	4541.252
05-02-2022 15:17	49.983215	235.15916	240.71689	232.44742	412.3723	410.23608	404.28293	19.569717	21.29918	20.944729	-0.20717333	-0.38317356	-0.35636756	-0.31860456	928.9017	1912.907	1698.5837	4540.392
05-02-2022 15:18	50.02311	234.99338	240.22243	232.79207	412.12228	409.94037	404.2774	19.647648	21.41113	21.659966	-0.21072131	-0.37109292	-0.27346104	-0.28708512	947.26636	1858.3457	1346.1017	4151.714
05-02-2022 15:19	50.022392	234.27332	239.87276	231.74806	410.78717	409.09967	402.79556	19.485186	21.71624	22.727863	-0.21409157	-0.39157736	-0.38439465	-0.33507755	949.3661	1996.8293	1969.5355	4915.731
05-02-2022 15:20	49.984844	234.62947	240.6442	233.13007	411.95676	410.5614	404.50854	19.641401	21.459866	22.017242	-0.2184187	-0.39408633	-0.24375431	-0.28859302	994.5591	1993.2139	1222.9945	4210.767
05-02-2022 15:21	50.022682	243.5421	249.54573	242.03618	427.63678	425.8969	419.7738	20.14544	22.443893	22.562468	-0.21098141	-0.3561288	-0.24592878	-0.27397737	1016.2866	1956.196	1311.5123	4283.9946
05-02-2022 15:22	49.98811	246.41434	253.46613	245.47	433.26285	432.1264	425.63348	20.257969	22.252531	22.715782	-0.2158797	-0.36040533	-0.23560303	-0.27312592	1057.9878	2004.8965	1287.0049	4349.8887
05-02-2022 15:23	49.964924	246.02356	253.78406	245.93967	434.02167	432.41782	425.27286	20.648191	30.510672	26.039516	-0.21931605	-0.23718849	-0.22514048	-0.22800952	1087.7565	1805.4854	1406.9236	4300.1655
05-02-2022 15:24	49.944874	246.42694	254.0763	246.0771	434.5234	432.862	425.77103	20.579632	30.70606	27.460571	-0.21430577	-0.21974021	-0.22994879	-0.22183633	1072.1091	1689.5	1521.0166	4282.6255
05-02-2022 15:25	49.93739	246.78052	254.64699	245.6597	435.1515	433.30573	425.58762	20.366327	30.64811	28.12217	-0.2104643	-0.22047606	-0.38452488	-0.27522427	1041.2554	1693.2616	2608.3682	5342.8853
05-02-2022 15:26	49.946095	247.46318	255.45468	247.41565	436.82654	435.06503	427.7654	20.626316	31.518635	27.036057	-0.21365447	-0.24022129	-0.29105797	-0.24921261	1060.6809	1873.7883	1902.282	4836.751
05-02-2022 15:27	49.93927	246.84175	256.33734	247.28642	435.67685	435.81363	428.39334	20.162434	22.365913	23.205702	-0.20211235	-0.34484538	-0.42020532	-0.32725012	989.0082	1934.6617	2364.2385	5287.908
05-02-2022 15:28	49.924576	247.28831	255.246	248.78336	435.99603	435.68845	429.65915	20.378914	25.245995	22.557278	-0.22364084	-0.56191057	-0.23334092	-0.3541689	1098.8804	3578.5957	1281.2306	5958.7065
05-02-2022 15:29	49.952606	247.88052	255.30232	248.77524	436.66516	435.8766	429.91306	20.400515	25.43488	22.577656	-0.22445731	-0.5655306	-0.23550369	-0.35744932	1123.6006	3611.4097	1290.6459	6025.6562
05-02-2022 15:30	49.911896	247.54924	256.07492	246.60234	436.2941	435.50308	427.68442	20.252083	21.596012	21.707836	-0.20241301	-0.38798073	-0.28643766	-0.29520205	999.01904	2107.3323	1502.2644	4608.6157
05-02-2022 15:31	49.956654	246.79593	255.77654	246.45793	435.0026	434.54898	427.84073	20.239368	21.711061	21.670029	-0.20339853	-0.38192952	-0.28220654	-0.29203424	995.37445	2085.9526	1475.3405	4556.6675
05-02-2022 15:32	50.01475	247.42091	255.54784	246.0957	435.1091	434.4588	427.8841	20.134668	21.795835	23.032085	-0.19237056	-0.3771854	-0.38371804	-0.3245118	947.6937	2085.3167	2133.62	5166.6304
05-02-2022 15:33	50.03494	247.22015	255.47607	246.89845	435.19223	434.74673	428.42798	20.306847	22.291185	21.765413	-0.19674432	-0.3947167	-0.27464116	-0.2927983	969.86786	2204.1753	1446.4131	4620.456
05-02-2022 15:34	50.01679	246.39383	254.65533	245.98328	433.71783	433.40594	426.8082	20.23841	21.642427	21.86898	-0.19596763	-0.3763486	-0.27870208	-0.28658947	959.37555	2034.3292	1467.8379	4461.5425
05-02-2022 15:35	50.022293	246.26863	254.82219	245.54166	433.59213	433.07394	426.57144	20.167446	21.745262	21.038898	-0.19056773	-0.384754	-0.35946998	-0.3147515	931.18164	2092.244	1817.84	4841.265

05-02-2022 15:36	49.983154	246.3045	255.06976	245.69975	433.8634	433.32498	426.81348	20.166037	22.343443	20.933891	-0.19230437	-0.35298473	-0.361696	-0.30520925	940.5262	1978.9137	1820.7946	4740.2344
05-02-2022 15:37	49.95627	246.97437	255.3142	245.99182	434.60657	433.9932	427.4931	20.05307	22.073967	22.387064	-0.18797849	-0.33753917	-0.45973453	-0.33305174	914.74426	1872.1996	2471.6086	5258.5527
05-02-2022 15:38	49.963867	247.23483	255.15846	246.36075	434.99185	434.03806	427.88293	20.227736	22.116974	20.973656	-0.19298685	-0.33194834	-0.35222605	-0.29449752	945.7659	1840.3447	1783.96	4570.0703
05-02-2022 15:39	49.926666	246.51283	254.70801	246.1392	434.03757	433.55035	426.91345	20.188683	21.862034	21.720793	-0.19567159	-0.32491666	-0.27961192	-0.2691845	957.851	1778.9446	1467.3842	4204.1797
05-02-2022 15:40	49.893703	246.52426	254.585	246.20384	434.1915	433.15536	427.06918	20.190792	22.408266	21.766693	-0.1983914	-0.34209353	-0.28419518	-0.2780453	973.3368	1914.5696	1494.4673	4382.3735
05-02-2022 15:41	49.915524	247.88203	254.77225	245.95268	435.0365	433.7317	427.8897	20.139639	23.098623	22.841074	-0.19722658	-0.32785735	-0.39390838	-0.31066874	968.50836	1878.2789	2170.1987	5016.9863
05-02-2022 15:42	49.917717	248.02225	255.12274	246.48695	435.41315	434.6003	428.4199	21.165506	22.48611	21.693861	-0.14795794	-0.31079146	-0.2798536	-0.24816953	764.35535	1719.9025	1458.5417	3944.7368
05-02-2022 15:43	49.933105	247.94746	255.045	246.12628	435.46365	434.2139	427.8719	21.12256	22.29429	21.801596	-0.14356317	-0.29814985	-0.27451125	-0.24157184	749.8928	1669.3704	1442.6324	3861.8958
05-02-2022 15:44	49.905197	248.0064	254.71425	246.07529	435.0385	433.92697	428.01895	21.045797	21.515873	21.777048	-0.14565358	-0.3329501	-0.27384275	-0.25399545	762.53143	1798.1586	1442.8577	4003.5476
05-02-2022 15:45	49.896297	248.2599	255.07533	246.19315	435.5696	434.62372	428.0644	21.093761	21.716673	21.267345	-0.14480455	-0.33738825	-0.302529	-0.2628646	743.6166	1824.7277	1550.02	4118.3643
05-02-2022 15:46	49.906662	248.45558	254.99646	245.48615	435.725	433.68433	427.82758	20.950558	21.735163	22.299328	-0.14172119	-0.33790913	-0.4547738	-0.31426972	724.4227	1831.0935	2440.172	4995.6885
05-02-2022 15:47	49.90066	248.2585	255.3156	245.78383	436.01062	433.70795	428.24286	21.056564	22.335842	20.784185	-0.14947648	-0.35518318	-0.34674472	-0.28489506	775.9502	1956.3235	1733.6982	4465.9717
05-02-2022 15:48	49.941456	247.8301	255.44594	245.75647	435.66095	433.99228	427.7484	21.093468	22.128551	20.857529	-0.14833878	-0.3573226	-0.3418082	-0.2819255	755.6206	1954.7838	1735.9191	4446.323
05-02-2022 15:49	49.889748	247.01445	254.59595	244.87509	433.8533	432.62033	426.50992	20.863129	21.419521	22.223398	-0.14455155	-0.33537957	-0.4525258	-0.31386247	741.7817	1794.4036	2416.9119	4953.0967
05-02-2022 15:50	49.91057	246.17755	254.60226	246.05605	433.49042	433.2141	426.88266	20.192049	21.493061	21.602575	-0.21034333	-0.35821748	-0.271701	-0.28233483	1026.3364	1956.606	1417.2383	4400.1807
05-02-2022 15:51	49.933605	246.93959	254.5955	245.63202	433.86588	433.52695	426.77362	20.108583	21.665642	23.629797	-0.21203011	-0.35211787	-0.33600885	-0.30109593	1015.02527	1870.9182	1928.0813	4814.025
05-02-2022 15:52	49.932053	246.94312	254.4838	246.30655	434.3843	433.54623	427.21683	20.267014	21.998932	22.514011	-0.21202397	-0.2977624	-0.23198764	-0.24861555	1035.7205	1649.7948	1251.0286	3936.5435
05-02-2022 15:53	49.92795	246.56528	254.85735	246.13571	434.25226	433.85043	426.74716	20.273542	22.261793	22.529142	-0.20870574	-0.30254477	-0.23578443	-0.25080192	1022.50885	1696.3821	1283.2928	4002.1838
05-02-2022 15:54	49.907497	247.52303	255.13522	246.8298	435.293	434.81863	428.07697	20.302052	22.00167	22.381046	-0.20793906	-0.29597196	-0.2098955	-0.23926699	1028.2322	1640.2053	1138.6285	3807.066
05-02-2022 15:55	49.92499	247.49377	255.05577	246.20485	434.99313	434.37753	427.54855	20.248417	22.631245	22.546785	-0.20674261	-0.31779355	-0.22177018	-0.25495225	1028.3125	1849.165	1211.9155	4089.393
05-02-2022 15:56	49.891125	247.91277	255.16574	246.41006	435.4653	434.5526	428.17017	20.15902	22.253204	23.536308	-0.20779452	-0.30211446	-0.32928023	-0.28376523	1030.3164	1682.6472	1880.9268	4593.8906
05-02-2022 15:57	49.890236	247.23691	254.27563	245.14209	433.90778	433.04514	426.32825	20.17632	22.153147	21.994972	-0.20674664	-0.30497774	-0.26324978	-0.26031387	1014.47253	1688.3844	1397.1753	4100.032
05-02-2022 15:58	49.90024	247.16391	254.42415	245.78572	434.26096	432.9581	427.3007	20.28305	22.123316	21.939793	-0.20632346	-0.30006516	-0.2636586	-0.25855398	1016.1559	1664.0026	1396.5933	4076.7517
05-02-2022 15:59	49.933006	247.9147	255.09016	246.19348	435.50778	434.10684	428.07056	20.184443	22.209267	22.698486	-0.20302132	-0.30828518	-0.33176845	-0.2839989	999.0105	1723.8164	1824.2803	4547.107
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
05-02-2022 16:00	49.99351	248.26668	255.48788	247.33842	436.2092	435.6125	429.1445	20.319338	21.533417	21.776657	-0.20710419	-0.3369848	-0.2157292	-0.25491446	1028.5742	1826.5532	1141.7961	3996.9238
05-02-2022 16:01	50.06091	249.77838	256.23624	248.88776	438.5978	437.42307	431.53986	21.122084	25.410885	25.846685	-0.19078638	-0.35598373	-0.2099592	-0.25646955	992.13257	2267.4104	1319.4248	4578.968
05-02-2022 16:02	50.08575	251.62608	258.24747	251.44191	442.67697	441.26306	434.72794	21.422928	28.350712	28.674276	-0.19222817	-0.36238566	-0.21410504	-0.2623997	1021.6769	2588.5352	1512.8569	5123.069
05-02-2022 16:03	50.08958	251.93513	258.4776	251.2074	443.15298	440.95377	435.08875	21.536226	28.332434	29.014618	-0.19446322	-0.3496843	-0.20926417	-0.2545375	1029.4269	2469.0059	1508.4429	5006.8755
05-02-2022 16:04	50.084473	251.52422	258.25638	249.71878	441.68	440.50845	433.34488	21.28417	27.954788	30.053099	-0.18658918	-0.3456141	-0.29847947	-0.28557476	983.8305	2456.199	2202.7847	5642.8135
05-02-2022 16:05	50.07398	250.25795	257.27118	249.35635	440.06146	439.09937	431.84406	21.275682	27.923372	29.349592	-0.18599953	-0.34050134	-0.32618684	-0.2934365	975.17365	2424.5886	2293.6985	5693.461
05-02-2022 16:06	50.07545	251.23648	257.0927	248.74168	440.23215	439.48447	431.60248	20.906235	28.258427	36.329285	-0.19402745	-0.3267835	-0.40706092	-0.32764652	1007.68176	2333.8167	3590.5718	6932.0703
05-02-2022 16:07	50.043835	252.24141	255.92395	248.73204	440.7707	438.62738	431.60233	20.958822	28.161814	36.39693	-0.1987848	-0.32162774	-0.3334566	-0.2961473	1038.978	2269.7236	2957.7444	6266.446
05-02-2022 16:08	50.023724	251.65652	255.58212	248.22408	440.0127	437.9028	430.60156	20.954708	28.984604	35.897614	-0.19406895	-0.2993635	-0.37588626	-0.30497798	1008.31226	2173.2278	3270.7397	6452.28
05-02-2022 16:09	49.976475	252.67279	256.13016	248.76665	441.44113	439.01447	431.7051	20.81197	29.23132	37.343094	-0.1955004	-0.32655078	-0.44932646	-0.3475266	1017.5275	2401.7112	4101.588	7520.827
05-02-2022 16:10	49.980804	251.9628	256.4864	249.48997	441.11966	439.4688	432.22217	20.893385	29.095757	36.145966	-0.19446152	-0.3317248	-0.38856372	-0.3220347	1015.05176	2433.6233	3434.349	6883.0234
05-02-2022 16:11	49.962433	250.54593	256.74002	248.03456	439.22302	438.4571	430.6108	20.751188	28.549816	35.975574	-0.17795904	-0.321077	-0.37726563	-0.3095915	912.1704	2313.5054	3299.9963	6525.672
05-02-2022 16:12	49.95112	250.3064	256.1262	247.79994	438.49112	437.85104	430.05963	20.628101	28.895884	37.904007	-0.18089007	-0.32557133	-0.39701432	-0.32176527	923.558	2356.047	3652.2302	6931.8354
05-02-2022 16:13	49.995934	250.34634	256.04138	247.1615	438.2015	437.52667	429.48788	20.680544	28.79691	36.81275	-0.17408825	-0.3257753	-0.3270558	-0.28996882	891.3756	2359.663	2917.5396	6168.5786
05-02-2022 16:14	50.001167	250.33684	255.47801	246.39163	437.76154	436.60977	428.51538	20.546467	28.805735	37.873165	-0.17620456	-0.3267768	-0.3916009	-0.31877798	896.78436	2363.0098	3589.2158	6849.01
05-02-2022 16:15	50.038445	250.17542	255.1009	246.58229	437.31168	436.3598	428.6094	20.593758	28.121971	37.903225	-0.18184233	-0.3577579	-0.3931361	-0.33072358	907.2301	2537.2388	3616.1343	7060.603
05-02-2022 16:16	50.025764	249.66792	254.51596	246.66783	436.6389	435.67465	428.224	20.638111	28.589632	36.592743	-0.1799309	-0.3714255	-0.32595494	-0.3061861	914.1443	2654.1372	2889.662	6457.944
05-02-2022 16:17	50.02704	249.07191	254.49908	246.42873	436.0413	435.39264	427.63217	20.645906	28.711882	36.490776	-0.18238348	-0.37103966	-0.32618475	-0.30660817	929.90027	2653.9163	2874.464	6458.281
05-02-2022 16:18	50.027504	251.4524	254.10568	247.01343	438.18173	436.24722	429.0602	20.666887	28.052237	36.77606	-0.18240225	-0.3525969	-0.32964882	-0.30143294	934.65515	2470.477	2937.6968	6342.829
05-02-2022 16:19	50.020252	250.01044	255.38846	246.47963	437.47696	436.29764	428.5486	20.649933	27.943966	35.939987	-0.17544308	-0.3605417	-0.3752408	-0.32136327	893.2479	2531.1892	3258.6626	6683.0996
05-02-2022 16:20	50.012398	249.72935	254.96599	246.35634	437.02255	435.6573	428.21173	20.638092	28.04314	36.033264	-0.17479151	-0.35889822	-0.3764945	-0.32128704	885.46094	2522.2393	3272.713	6680.413
05-02-2022 16:21	49.98284	251.34406	253.67845	246.26219	437.71402	435.20956	428.3388	21.55121	28.175743	35.839577	-0.13097085	-0.35729873	-0.37047186	-0.30518034	699.71625	2509.9946	3205.972	6415.683
05-02-2022 16:22	50.00965	250.98216	254.13698	246.07681	437.6109	435.549	427.95428	21.450293	28.100468	37.253544	-0.13002813	-0.3590146	-0.44029918	-0.33632347	689.75824	2519.401	3959.788	7168.9473
05-02-2022 16:23	49.98393	249.47313	253.29997	245.98793	435.87723	434.1705	426.8589	21.548584	28.713787	36.172897	-0.13113803	-0.3308928	-0.34539595	-0.28683528	695.00305	2362.8289	3011.3123	6069.1445
05-02-2022 16:24	49.96861	249.58958	253.58818	245.96979	436.2297	434.25198	427.10013	21.542484	29.066666	36.108574	-0.13134581	-0.33942765	-0.34609574	-0.2902215	696.8888	2459.5823	3012.8232	6169.2944
05-02-2022 16:25	49.974495	249.56047	253.71663	245.7084	436.01602	434.30865	426.9769	21.594517	28.49499	35.66422	-0.14090092	-0.33029264	-0.38995144	-0.3067707	748.6505	2349.716	3347.15	6445.5166
05-02-2022 16:26	50.00357	250.19199	254.40482	246.21577	437.05838	435.34503	428.06396	21.64902	28.483387	35.757133	-0.14201458	-0.32351252	-0.38880304	-0.3042466	760.3537	2319.8757	3350.6177	6430.847
05-02-2022 16:27	50.004375	249.92885	254.16084	245.8976	436.5864	434.99695	427.45267	21.654684	28.6123	35.64375	-0.1444194	-0.32662573	-0.38740668	-0.30526024	770.82935	2335.2793	3328.2107	6434.3193
05-02-2022 16:28	50.02211	249.22717	253.70502	245.63426	435.69415	434.26755	426.61508	20.81106	28.5995	35.751347	-0.19633096	-0.32660744	-0.38809103	-0.3200265	1003.5119	2328.468	3337.4458	6669.426
05-02-2022 16:29	50.051212	249.48027	254.18033	245.03572	436.07925	434.2775	426.45084	20.648247	28.578222	36.682465	-0.19246197	-0.32969323	-0.49867767	-0.36737278	977.76685	2356.732	4397.7144	7732.213
05-02-2022 16:30	50.049713	249.03789	253.60167	245.44824	435.5357	433.91415	426.30078	20.808434	28.631533	35.017277	-0.1938353	-0.33027822	-0.43398657	-0.33872166	990.6354	2356.3723	3647.7036	6994.711
05-02-2022 16:31	50.063152	248.48558	252.90288	245.00565	434.61768	433.00754	425.18796	20.689363	28.460787	35.027863	-0.19524725	-0.37086213	-0.43801358	-0.3549071	991.1243	2620.7644	3677.3694	7289.258
05-02-2022 16:32	50.06505	248.2322	252.64064	245.30663	434.29517	432.75797	425.38882	20.747662	28.147224	34.799824	-0.19803746	-0.3757725	-0.4609685	-0.36656174	1006.2509	2624.0923	3849.3228	7479.666
05-02-2022 16:33	50.032032	248.14122	252.76125	245.89468	434.5457	433.1325	425.83383	20.749352	28.130323	35.24894	-0.19869499	-0.35156628	-0.4097429	-0.33781576	1009.83875	2460.5452	3479.8306	6950.215
05-02-2022 16:34	50.000893	247.98405	252.86101	245.47653	434.23294	433.0816	425.37613	20.701515	28.218456	35.272194	-0.1974135	-0.34737283	-0.41176376	-0.3371047	1004.0201	2431.4033	3492.5483	6927.9717
05-02-2022 16:35	49.964836	248.87714	252.7619	246.57399	435.34747	433.80908	426.79788	20.75618	31.389572	35.41386	-0.21271862	-0.5029424	-0.3929234	-0.39025387	1085.0646	3939.9045	3359.7766	8384.746
05-02-2022 16:36	49.94633	250.02039	254.67235	246.987	437.3789	436.07388	428.51782	20.751701	28.253624	35.65669	-0.20114245	-0.3522967	-0.39448375	-0.33261603	1030.3107	2495.515	3411.3613	6937.1875
05-02-2022 16:37	49.946598	250.64093	255.09648	248.02515	438.4898	437.16504	429.9208	20.781229	28.308876	35.71712	-0.20068999	-0.35020047	-0.39643556	-0.33262178	1030.2935	2470.8335	3444.8586	6945.986
05-02-2022 16:38	49.93242	250.43689	255.61905	248.2694	438.76105	437.91098	429.8821	20.867365	29.67735	35.738674	-0.1970806	-0.3383489	-0.40076473	-0.3306101	1017.1481	2523.7383	3490.563	7031.449
05-02-2022 16:39	49.91119	250.3046	255.1425	248.06682	438.5085	437.1856	429.45206	20.876524	29.859331	35.71983	-0.19754638	-0.33763638	-0.39666194	-0.32780576	1017.30316	2517.5132	3449.6318	6984.448
05-02-2022 16:40	49.894455	249.5904	254.65173	247.04474	437.0227	435.97025	428.30035	20.781132	29.075373	35.016815	-0.19701192	-0.3203231	-0.44504553	-0.34046796	998.83734	2340.0981	3773.247	7112.1826
05-02-2022 16:41	49.90479	250.70317	255.45345	247.83504	438.8725	437.0008	430.10767	20.854439	29.426632	35.03042	-0.19550137	-0.32816306	-0.4400233	-0.34104735	1011.29724	2420.334	3738.2158	7169.8477
05-02-2022 16:42	49.903576	250.71625	255.34311	247.31448	438.4775	436.74927	429.6829	20.803734	29.392406	34.980194	-0.19419104	-0.33431026	-0.43923488	-0.34232736	999.09937	2465.3777	3722.434	7186.911
05-02-2022 16:43	49.921417	250.87653	254.35565	248.1676	438.72034	436.4604	429.7551	20.891829	32.56405	34.92557	-0.20769283	-0.48929825	-0.44655594	-0.406129	1083.8977	4004.58	3786.3342	8874.8125
05-02-2022 16:44	49.95632	252.19261	254.15671	248.31477	439.4559	437.0267	430.62494	20.95072	32.475506	35.577236	-0.21352549	-0.48641902	-0.39023215	-0.38417017	1117.3613	3973.6426	3376.877	8467.881
05-02-2022 16:45	50.002785	252.28613	254.4291	248.9046	439.9413	437.51236	431.312	21.016264	33.38261	35.55741	-0.20429693	-0.49359113	-0.377151	-0.38026908	1069.2241	4095.0803	3267.4539	8431.758
05-02-2022 16:46	50.0072	251.75377	253.71742	248.90903	438.8843	436.90103	430.8274	20.934868	33.72149	35.353886	-0.20959091	-0.58106136	-0.37718442	-0.41482788	1091.4543	4912.9556	3245.933	9250.343
05-02-2022 16:47	50.00149	251.83775	254.79347	248.23119	439.18814	437.67316	430.5988	20.848175	28.927355	36.450268	-0.19294783	-0.3581225	-0.34618175	-0.31188783	998.05505	2570.2244	3075.375	6643.655
05-02-2022 16:48	50.034298	251.61485	254.87627	248.30396	439.1171	437.86133	430.3645	20.890266	28.84043	36.454002	-0.1907505	-0.3382444	-0.34606028	-0.30560502	986.208	2447.9727	3071.6501	6505.8306
05-02-2022 16:49	50.03449	251.34573	254.67441	248.12524	438.5698	437.46365	430.18695	20.860435	28.870422	36.471622	-0.19099107	-0.34068686	-0.35313267	-0.30929285	985.58234	2464.3147	3128.499	6578.396
05-02-2022 16:50	50.027184	251.67041	253.92206	248.62936	438.99118	437.13776	430.2051	20.95067	32.163227	36.282333	-0.20654655	-0.49982035	-0.3527361	-0.37216923	1079.7831	4027.2178	3112.0984	8219.1
05-02-2022 16:51	50.028526	250.93971	254.78255	247.06606	438.1999	436.61584	429.065	20.776136	28.808382	35.641933	-0.17935626	-0.34470242	-0.3947043	-0.32491902	921.3983	2499.3184	3404.8562	6825.5723
05-02-2022 16:52	50.006542	250.98965	254.4384	246.63646	437.7461	436.03955	428.83856	20.759304	29.466045	35.635788	-0.18333246	-0.3547825	-0.39397237	-0.32884815	939.32404	2596.527	3392.0571	6927.908
05-02-2022 16:53	49.96289	250.62096	253.65279	246.62808	437.1324	435.24225	428.2304	20.68197	29.553204	35.562824	-0.18333712	-0.36614743	-0.39604685	-0.3339452	931.06824	2629.6743	3413.045	6973.788
05-02-2022 16:54	49.946312	251.12402	254.24892	247.01393	437.94345	436.0113	429.22678	20.750786	29.462378	35.63439	-0.18152855	-0.32100624	-0.3976422	-0.3183316	935.6894	2377.0564	3423.8735	6736.62
05-02-2022 16:55	49.935486	251.96614	254.7858	247.90729	439.3256	437.2544	430.533	20.830227	29.462112	36.406662	-0.18339382	-0.3135413	-0.3495652	-0.29690787	950.7794	2318.5198	3080.8032	6350.1025
05-02-2022 16:56	49.950886	251.77411	255.33032	247.99744	439.51395	437.67267	430.70206	20.828815	29.441906	36.38968	-0.18238777	-0.3152888	-0.35250267	-0.29860774	947.53046	2326.7397	3114.7183	6388.9883
05-02-2022 16:57	49.969925	252.52539	255.59756	248.29605	440.4436	438.1755	431.54874	20.869465	29.409182	36.427223	-0.18296163	-0.31424648	-0.3537513	-0.2987754	954.8293	2352.3015	3133.9375	6442.1777
05-02-2022 16:58	49.987488	253.23015	255.54994	249.20291	441.49112	438.83667	432.53833	21.889515	29.466057	36.902832	-0.1365681	-0.2933801	-0.31605962	-0.2634847	740.2478	2158.9702	2851.5537	5750.7715
05-02-2022 16:59	50.037624	253.84033	256.4139	249.90416	442.71588	440.32504	433.59225	21.967001	29.565306	37.04591	-0.13662973	-0.29161787	-0.31847	-0.26395595	757.9287	2175.0422	2888.2588	5821.2295
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
05-02-2022 17:00	50.05794	256.29422	258.81793	252.01852	446.89175	444.15625	437.66592	22.162891	30.061413	37.3043	-0.13736717	-0.2999604	-0.3192113	-0.26713124	774.6444	2298.1338	2937.4707	6010.249

05-02-2022 17:01	50.12173	260.92245	262.39462	255.52495	453.85815	450.4682	444.6674	22.40429	29.011745	37.20591	-0.119046636	-0.34558907	-0.33361346	-0.2825807	681.5814	2576.3708	3110.0208	6367.973
05-02-2022 17:02	50.157547	261.4623	263.54666	255.73817	455.4105	451.55212	445.34183	22.523582	29.31059	36.41291	-0.09856681	-0.35033306	-0.37792423	-0.29634532	570.9999	2661.509	3457.067	6689.5757
05-02-2022 17:03	50.131123	252.35956	254.53276	246.6944	438.99194	436.47128	429.78595	22.0885	28.548126	36.0406	-0.081702285	-0.33948958	-0.3553432	-0.2793595	454.28973	2438.5674	3106.1514	5999.009
05-02-2022 17:04	50.15928	253.72884	256.2147	248.08533	441.44	438.90942	432.60248	22.191954	28.261246	36.291958	-0.0794296	-0.322504	-0.3576696	-0.2739288	436.56403	2304.199	3146.9258	5887.6885
05-02-2022 17:05	50.13274	254.62068	256.66565	248.9359	442.90012	439.9159	433.93445	22.271378	28.559982	36.326817	-0.08073997	-0.3265805	-0.35505125	-0.27483124	456.46976	2360.4336	3150.8135	5967.7173
05-02-2022 17:06	50.12633	255.47362	257.82324	249.61111	444.63773	441.8991	434.8591	21.312016	28.563185	37.190468	-0.13474509	-0.32667795	-0.3084984	-0.26962397	725.62573	2352.1782	2803.1787	5880.9824
05-02-2022 17:07	50.102333	254.89192	257.61893	249.44612	444.54013	440.90344	434.32196	21.268345	28.741562	37.118755	-0.1354891	-0.3314075	-0.3109957	-0.2746038	730.5236	2423.4783	2829.6113	5983.6133
05-02-2022 17:08	50.071327	254.65854	257.56433	249.57849	444.17657	440.90118	434.41895	21.333218	28.763521	34.932533	-0.12997988	-0.3340061	-0.36218658	-0.2936595	702.35803	2477.3633	3091.6255	6271.3467
05-02-2022 17:09	50.061565	255.05177	258.1389	249.85234	444.879	441.8392	434.9279	21.797686	28.975714	35.616947	-0.09224192	-0.2951707	-0.35846972	-0.26919836	505.3924	2176.7925	3124.08	5806.265
05-02-2022 17:10	50.029316	254.68408	258.13654	249.75684	444.34583	441.6979	434.79913	21.756851	28.923832	35.734974	-0.092497125	-0.29792827	-0.35345426	-0.26832563	506.45065	2193.9846	3092.068	5792.504
05-02-2022 17:11	50.01726	252.53749	256.69406	248.51129	441.41708	439.07867	431.97925	21.661236	28.70199	35.651737	-0.09403511	-0.2905659	-0.35226813	-0.2656236	502.65988	2110.8467	3058.4436	5671.95
05-02-2022 17:12	49.98397	252.26987	256.95184	248.54088	441.3788	439.07578	432.0614	22.31164	28.52501	35.75689	-0.14837356	-0.34749484	-0.35640895	-0.29952535	818.0769	2485.995	3094.6655	6398.738
05-02-2022 17:13	49.951385	253.06335	257.58215	248.13313	442.39868	439.2149	432.66962	25.35382	30.480793	35.066364	-0.16980635	-0.35636926	-0.4038751	-0.32237202	1082.7828	2747.8926	3437.3416	7268.017
05-02-2022 17:14	49.936394	252.19388	256.59448	247.73973	441.14804	438.0857	431.1471	26.150234	32.008522	35.047318	-0.16827692	-0.37501165	-0.4031844	-0.32688236	1094.38	3050.7485	3416.9485	7562.077
05-02-2022 17:15	49.98064	252.67326	257.2579	248.24751	442.1255	438.88925	432.22903	26.437412	32.080555	35.021164	-0.16592999	-0.3709727	-0.40701398	-0.32579008	1092.607	3003.482	3459.651	7555.7397
05-02-2022 17:16	50.03545	252.6794	257.76944	248.02803	442.18896	439.3648	432.20956	26.524733	32.00601	35.26049	-0.16036488	-0.3077688	-0.40425983	-0.30130222	1062.0977	2487.0068	3455.3591	7004.464
05-02-2022 17:17	50.061543	253.33044	257.65747	248.92404	443.00406	440.10498	433.13037	26.624268	31.417007	36.008343	-0.16471857	-0.32914165	-0.35510114	-0.29200655	1096.1073	2635.0754	3109.1196	6840.3022
05-02-2022 17:18	50.09039	252.54909	257.07013	248.17441	441.8179	438.89774	431.8574	26.594011	31.413984	35.989212	-0.16446435	-0.32928532	-0.35295305	-0.29147863	1089.6221	2613.8748	3099.6685	6803.165
05-02-2022 17:19	50.086784	252.37051	257.10095	247.84062	441.52097	438.5004	431.72202	26.551714	31.325705	35.997547	-0.16367996	-0.33001128	-0.3531041	-0.28938773	1076.0763	2600.2778	3087.8381	6764.192
05-02-2022 17:20	50.08317	251.70697	256.43832	247.31593	440.51462	437.4257	430.5974	26.555954	31.320568	35.11682	-0.16166894	-0.32679287	-0.38708648	-0.30155984	1073.1492	2570.6863	3286.5332	6930.3687
05-02-2022 17:21	50.07283	251.17288	255.70724	246.83173	439.13416	436.5796	429.78784	27.328234	31.222334	34.99369	-0.16098434	-0.3272268	-0.38507375	-0.29955474	1092.9927	2567.206	3258.751	6918.9497
05-02-2022 17:22	50.045135	251.07217	256.0234	246.39702	438.87683	436.51358	429.73373	27.241983	31.735245	34.958298	-0.15989712	-0.34343112	-0.38188004	-0.30377176	1083.9587	2742.7834	3219.994	7046.736
05-02-2022 17:23	50.02886	251.22868	255.82904	246.27348	439.00888	436.17038	429.6665	27.276861	31.204271	34.87479	-0.15994772	-0.3338942	-0.3819034	-0.30026987	1085.2129	2620.67	3216.3027	6922.185
05-02-2022 17:24	50.01566	251.18384	255.45718	246.225	438.81976	435.68243	429.53738	27.241533	31.28196	34.399094	-0.16093577	-0.33059984	-0.42245507	-0.31361845	1085.2589	2593.707	3506.35	7185.3164
05-02-2022 17:25	49.97588	251.7863	256.34573	246.77664	440.2545	436.9133	430.41452	27.29621	31.955633	34.38702	-0.15758657	-0.28453547	-0.42389688	-0.2972481	1068.9216	2304.7654	3514.1956	6887.883
05-02-2022 17:26	50.003166	251.81046	256.48972	246.80959	440.24066	437.0005	430.68958	27.323807	31.847908	34.50915	-0.15590885	-0.2793279	-0.42536825	-0.2955905	1062.0751	2243.0813	3546.8477	6852.004
05-02-2022 17:27	49.974743	251.67137	257.37726	246.76439	440.66208	437.7109	430.7829	27.396585	33.242504	34.58811	-0.15142463	-0.21441534	-0.4370737	-0.27502978	1033.3832	1811.2842	3656.3303	6500.997
05-02-2022 17:28	49.975117	251.84695	256.87305	246.95467	440.62854	437.60394	430.67865	27.417925	33.443493	35.11503	-0.1553546	-0.20064385	-0.3796204	-0.25152773	1062.991	1704.2136	3231.0884	5998.293
05-02-2022 17:29	49.992382	252.03137	256.93585	247.32378	440.85284	437.9513	431.17184	27.499311	34.050087	35.13761	-0.15491931	-0.21570149	-0.37677187	-0.25552607	1063.2997	1857.5623	3211.545	6132.4067
05-02-2022 17:30	49.996605	252.35748	257.23547	247.61592	441.42218	438.42538	431.7188	27.505138	33.458366	35.240276	-0.15491845	-0.1980134	-0.3770967	-0.24964297	1067.65	1672.6643	3228.9731	5969.287
05-02-2022 17:31	50.060387	252.81296	257.94586	248.19017	442.3388	439.56747	432.67456	27.626505	33.64576	35.367817	-0.14874329	-0.18358468	-0.37497628	-0.24295469	1030.0731	1583.9849	3227.8882	5841.946
05-02-2022 17:32	50.08259	252.76718	257.67432	248.18394	442.3315	439.26282	432.4262	27.552452	32.89308	35.362106	-0.1494076	-0.20646554	-0.37342307	-0.25060803	1033.447	1728.8362	3218.8691	5981.1523
05-02-2022 17:33	50.076244	251.41505	256.2769	247.057	439.74365	437.31674	430.24	27.49243	32.951363	35.260273	-0.14985085	-0.20628765	-0.37500283	-0.25079346	1025.1808	1716.3726	3202.934	5944.4873
05-02-2022 17:34	50.060528	251.43172	256.64246	246.88113	439.99054	437.23358	430.44006	27.427383	32.799755	34.55487	-0.14724778	-0.2065539	-0.42932165	-0.2686247	1002.0206	1722.7041	3593.2876	6318.0127
05-02-2022 17:35	50.052708	251.73808	256.76166	247.05478	440.5514	437.2511	430.90198	27.482298	32.86992	34.487953	-0.1474141	-0.20895533	-0.4273206	-0.2686055	1007.99255	1738.8976	3567.6304	6314.5205
05-02-2022 17:36	50.0184	251.735	256.72134	246.72778	440.32645	436.96326	430.77325	28.3908	33.2306	34.42	-0.112547226	-0.22071601	-0.42154816	-0.2584248	790.8158	1853.0956	3510.6602	6154.5713
05-02-2022 17:37	49.98312	251.78615	256.4038	246.35587	440.00153	436.42456	430.52966	28.339249	32.929558	34.36857	-0.111248985	-0.21546273	-0.42404136	-0.25756964	788.07825	1796.3528	3521.379	6105.81
05-02-2022 17:38	49.980427	251.21924	256.0859	245.54483	439.1823	435.52667	429.31317	28.278286	32.565994	34.537136	-0.11166364	-0.20668952	-0.3956243	-0.2450333	785.8789	1708.3799	3300.803	5795.0464
05-02-2022 17:39	49.947613	251.23187	255.92865	245.9063	439.0182	435.85907	429.51422	28.248709	32.47815	34.497284	-0.11313179	-0.20589758	-0.39614928	-0.24530387	788.3601	1692.6643	3307.2915	5788.316
05-02-2022 17:40	49.9614	250.16057	255.14503	244.85208	437.39627	434.229	427.7305	28.196487	33.161194	34.562374	-0.11108708	-0.18349916	-0.4003918	-0.23826736	774.9506	1547.4445	3341.005	5663.3994
05-02-2022 17:41	49.939175	249.52283	254.7334	245.06532	437.15445	433.84558	426.91104	24.708727	33.148285	35.143784	-0.15821359	-0.17757744	-0.3758611	-0.24567114	963.684	1483.6897	3180.4592	5627.833
05-02-2022 17:42	49.94815	250.16614	255.28055	245.5155	437.99854	434.63458	428.11908	25.916834	33.22084	35.317677	-0.17389631	-0.17991205	-0.36938322	-0.24747068	1114.9855	1507.9613	3145.0278	5767.9746
05-02-2022 17:43	49.946613	250.22673	255.09767	245.83687	438.00287	434.63565	428.45508	26.603668	33.99304	35.49454	-0.16887978	-0.19545354	-0.37070516	-0.25138417	1114.9314	1624.8712	3154.787	5894.59
05-02-2022 17:44	50.019928	250.21773	255.24997	246.00722	438.13553	434.9089	428.59262	25.866432	33.754154	35.525505	-0.2110762	-0.18663478	-0.37083194	-0.2606323	1346.9287	1571.0667	3184.2441	6102.2393
05-02-2022 17:45	50.04146	250.19392	255.43794	245.66379	438.1917	434.7893	428.34976	25.859945	33.22673	34.797215	-0.2054778	-0.1754511	-0.41828093	-0.27166238	1308.7983	1484.536	3513.6846	6307.019
05-02-2022 17:46	50.060936	250.26631	255.65556	245.73442	438.19662	435.02225	428.73523	25.929993	33.409084	34.88043	-0.20601296	-0.17804076	-0.41646478	-0.2721543	1320.2046	1503.2893	3501.4326	6324.927
05-02-2022 17:47	50.057404	251.19122	255.917	246.33623	439.19144	435.93387	429.92102	25.917591	32.616135	34.775566	-0.20841871	-0.20528698	-0.4189206	-0.2839781	1339.7078	1695.5891	3526.2913	6561.588
05-02-2022 17:48	50.035076	250.90274	255.73155	246.37102	438.83063	435.92297	429.53052	25.91712	32.62639	34.822445	-0.20812635	-0.2041331	-0.4148991	-0.28219643	1339.4553	1679.8347	3491.4248	6510.7153
05-02-2022 17:49	50.036	251.10512	255.81671	246.86131	439.42322	436.2907	429.91733	25.914572	32.61311	35.477875	-0.21274818	-0.20095016	-0.36887458	-0.26610875	1364.3463	1655.0784	3174.31	6193.735
05-02-2022 17:50	50.00506	250.52248	255.40344	246.73087	438.49698	435.7986	429.38263	25.906496	32.99664	35.92838	-0.21262652	-0.20915084	-0.3553883	-0.2644293	1365.2351	1735.0709	3091.2954	6191.6016
05-02-2022 17:51	50.001335	249.89522	255.65695	247.58589	439.23685	436.11417	429.1608	26.158329	41.790596	40.897366	-0.21802218	-0.15825346	-0.33277956	-0.2370055	1409.3712	1667.1606	3309.0579	6385.59
05-02-2022 17:52	49.98564	249.82574	255.29779	247.29121	438.90198	435.7638	428.59088	26.13164	41.27459	41.87952	-0.21899529	-0.14406995	-0.33657175	-0.23443663	1412.8002	1499.5721	3427.8628	6340.2354
05-02-2022 17:53	49.94753	249.71558	255.06535	245.99077	438.0661	434.68454	427.67014	25.968828	40.954746	42.340588	-0.2175415	-0.16228305	-0.38240603	-0.25907636	1395.0669	1673.2029	3920.298	6988.5684
05-02-2022 17:54	49.96086	249.42207	254.65434	245.89937	437.7176	434.1452	427.1765	26.014128	41.042576	42.439552	-0.21783936	-0.16153277	-0.38280645	-0.25899717	1396.5624	1667.0405	3925.812	6989.415
05-02-2022 17:55	49.961346	249.42918	254.7077	246.38173	437.87222	434.66824	427.43423	26.086197	41.86745	42.446903	-0.2165411	-0.14522304	-0.37208384	-0.24766728	1392.5051	1528.1023	3822.405	6743.0127
05-02-2022 17:56	49.97454	248.57574	254.1543	245.06004	436.48822	432.99002	425.7795	25.949821	41.649166	41.770557	-0.21397655	-0.15997379	-0.41934478	-0.2698224	1364.6486	1673.8171	4222.3076	7260.7734
05-02-2022 17:57	50.02449	248.89563	254.65646	245.08961	436.9366	433.62955	426.17047	25.994864	41.52245	41.899647	-0.21166743	-0.15428306	-0.4356065	-0.2733995	1353.3662	1614.6156	4407.685	7375.6665
05-02-2022 17:58	50.028336	248.8119	254.65881	245.12587	437.03207	433.54895	426.0781	26.009739	42.12357	41.75132	-0.21323429	-0.16334046	-0.42851076	-0.2740135	1359.5366	1733.4559	4320.0005	7412.993
05-02-2022 17:59	50.034157	249.86656	255.533	246.01953	438.60886	435.12622	427.8117	26.08871	41.721954	41.732105	-0.21355975	-0.15402982	-0.40560132	-0.26201823	1376.977	1612.744	4109.067	7098.788
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
05-02-2022 18:00	50.084923	251.29736	256.9695	247.66042	441.55228	437.48883	430.3128	26.292175	42.18801	42.59845	-0.21589682	-0.15826613	-0.36457357	-0.24943359	1410.8331	1682.8021	3792.4387	6886.074
05-02-2022 18:01	50.095528	253.09413	258.78433	249.33713	444.48642	440.52734	433.50116	26.008017	42.39382	42.961624	-0.20380703	-0.15746348	-0.38049	-0.25263482	1321.809	1707.6063	3998.9512	7028.3667
05-02-2022 18:02	50.121017	253.54079	259.82092	250.73572	445.99167	442.46625	435.04602	24.447136	42.642662	43.03335	-0.32785374	-0.15739724	-0.38059416	-0.2801327	1963.7361	1723.7292	4025.9268	7713.3926
05-02-2022 18:03	50.116028	254.86176	261.0069	251.7623	447.84207	444.2134	437.5696	28.047924	41.78816	43.10179	-0.33007908	-0.17319052	-0.36681068	-0.28450924	2308.8196	1868.0378	3916.4995	8093.357
05-02-2022 18:04	50.101486	255.28903	261.49936	251.87944	448.755	444.74405	437.92578	28.791248	41.542145	43.110943	-0.3132739	-0.17651255	-0.36610362	-0.28154832	2247.8425	1898.1394	3904.8647	8050.847
05-02-2022 18:05	50.10208	255.39659	261.46848	251.93317	448.75522	445.06186	437.83258	28.90472	42.31545	43.210415	-0.31034517	-0.18885452	-0.37038934	-0.2873162	2245.4893	2069.8318	3964.163	8279.484
05-02-2022 18:06	50.082638	255.13313	261.20898	251.4315	448.01263	444.49234	437.37152	28.93028	41.65829	43.069138	-0.30765882	-0.17989877	-0.37112412	-0.2833574	2219.543	1932.8567	3958.9858	8111.3857
05-02-2022 18:07	50.064014	254.87962	261.10886	251.39899	447.7811	444.00146	437.42456	28.969553	41.52773	41.759983	-0.30329522	-0.17914739	-0.3732645	-0.28203347	2201.3308	1912.6013	3856.6128	7970.5444
05-02-2022 18:08	50.052616	255.23848	260.8555	250.10852	447.41348	443.65338	436.09192	24.909431	39.17948	42.730137	-0.20233229	-0.12667066	-0.42055705	-0.25742492	1269.9983	1291.2605	4365.55	6926.809
05-02-2022 18:09	50.01576	254.66908	260.85648	250.00633	446.88547	443.19553	435.91983	24.89075	39.027893	42.20211	-0.19477737	-0.12486119	-0.40568078	-0.25043738	1216.9712	1258.8192	4217.148	6692.9385
05-02-2022 18:10	50.00262	253.9625	260.36768	250.16176	445.9994	442.723	435.4732	24.868752	39.693855	42.273525	-0.19399957	-0.105831556	-0.4007566	-0.24055052	1211.6552	1085.6139	4178.923	6476.192
05-02-2022 18:11	49.95457	254.05095	259.88354	249.76306	445.58493	442.22467	435.00708	24.86164	39.75016	43.18297	-0.1930917	-0.10831045	-0.38952023	-0.23793547	1203.1592	1107.4823	4148.6777	6459.3193
05-02-2022 18:12	49.95862	253.85123	259.92273	250.06831	445.82803	442.244	434.99628	24.925667	40.034927	42.508373	-0.19729854	-0.11292132	-0.3296888	-0.21642287	1237.5378	1183.457	3462.5112	5883.506
05-02-2022 18:13	49.971615	254.03435	260.2247	249.56184	445.805	442.3212	434.90952	24.937723	40.30968	43.114258	-0.19351134	-0.10383311	-0.35816944	-0.2234285	1210.7372	1073.9934	3794.9524	6079.6826
05-02-2022 18:14	49.98861	254.2913	260.52435	249.15753	446.0734	442.23932	434.9911	25.816776	40.006107	42.253838	-0.15195924	-0.09974395	-0.3799923	-0.21812655	983.74274	1006.9843	3936.7563	5927.4834
05-02-2022 18:15	50.04109	254.03824	260.8887	249.60597	446.2801	442.60938	435.38513	25.291216	39.857037	41.359726	-0.17747763	-0.09293279	-0.3586068	-0.21464565	1124.3257	965.7283	3649.6494	5739.703
05-02-2022 18:16	50.0658	254.01108	261.19196	249.89827	446.62613	442.7188	435.9135	25.323038	40.33777	41.51607	-0.17522383	-0.08076919	-0.3535834	-0.20616215	1113.3639	843.61334	3612.7417	5569.719
05-02-2022 18:17	50.060093	253.96611	260.84164	249.71532	446.21524	442.6873	435.35428	25.309956	40.49025	41.46973	-0.17934614	-0.08233559	-0.35358772	-0.20741276	1128.7937	861.3867	3607.777	5597.958
05-02-2022 18:18	50.064236	253.5005	260.91956	249.41571	445.63776	442.10974	435.31647	25.226723	39.3486	40.74409	-0.17672817	-0.09856807	-0.396199	-0.22962286	1116.2686	1005.16656	3972.4233	6093.8584
05-02-2022 18:19	50.055027	253.68881	260.8217	248.86247	445.585	441.63962	435.0399	25.17689	39.91566	41.409645	-0.17499556	-0.11249472	-0.43880895	-0.2510478	1101.2507	1139.1351	4442.2036	6682.59
05-02-2022 18:20	50.02488	253.3861	260.44833	248.72636	445.02127	441.30405	434.53165	25.175264	39.712147	41.597443	-0.1779753	-0.10427094	-0.40892342	-0.23789747	1120.5118	1063.671	4161.279	6345.462
05-02-2022 18:21	50.019905	252.93996	260.27753	248.57123	444.631	440.9618	433.92966	24.257397	39.241238	41.599693	-0.22552808	-0.09545693	-0.4183542	-0.25033385	1365.2585	968.5674	4262.3394	6596.165
05-02-2022 18:22	50.019905	252.73526	259.9566	249.17116	444.5917	441.06653	433.98938	24.338148	39.333717	41.78231	-0.22799313	-0.09430564	-0.34213063	-0.22104174	1383.9353	953.9618	3503.0532	5840.95
05-02-2022 18:23	49.97318	252.36516	259.36075	248.36972	443.53223	439.92603	433.12723	24.179913	39.322975	42.098946	-0.22591192	-0.09739103	-0.37204716	-0.23378223	1364.1681	983.22595	3836.987	6184.381
05-02-2022 18:24	49.9595	252.06906	259.2005	247.80957	442.93253	439.46674	432.42755	24.127234	39.177246	42.11092	-0.2254403	-0.09658947	-0.3769191	-0.2353777	1347.3984	976.43567	3908.9702	6232.8047
05-02-2022 18:25	49.951847	251.52208	258.9534	247.55658	442.10986	439.06528	431.83664	24.092436	39.060112	41.970367	-0.22709747	-0.097887665	-0.37167016	-0.23413627	1363.7949	974.4784	3807.8955	6146.169
05-02-2022 18:26	50.012955	251.7861	259.1786	248.26639	442.80933	439.80954	432.46948	24.26439	39.81626	42.572273	-0.22633827	-0.07415742	-0.36040846	-0.22029977	1366.5538	764.3551	3749.38	5880.2886

05-02-2022 18:27	49.99442	251.60081	259.01666	248.22421	442.4019	439.68207	432.32776	24.231316	40.19411	42.44589	-0.22740702	-0.08655634	-0.3593217	-0.2247701	1372.0486	914.89813	3724.0132	6010.9595
05-02-2022 18:28	50.02006	251.52866	259.05496	248.03546	442.4749	439.4476	432.10666	24.237953	39.851727	42.567844	-0.2267778	-0.07712982	-0.35838312	-0.22061804	1368.157	790.76355	3725.5024	5884.423
05-02-2022 18:29	50.05744	251.41243	259.53604	247.94331	442.6381	439.6513	432.21445	24.339462	39.863785	41.28296	-0.22485887	-0.078007236	-0.36221364	-0.2202559	1357.5221	801.4185	3657.9746	5816.915
05-02-2022 18:30	50.064213	251.31824	259.51263	247.52403	442.59265	439.31454	431.67227	24.246307	40.008793	41.82833	-0.22397184	-0.08167686	-0.40062118	-0.23667465	1348.1765	841.72784	4090.1272	6280.0317
05-02-2022 18:31	50.06802	250.54192	259.14096	247.35863	441.54764	438.9807	430.7763	24.208946	39.992107	41.984764	-0.22282891	-0.08109929	-0.41349664	-0.24160612	1336.0825	834.34503	4240.2803	6410.708
05-02-2022 18:32	50.08106	250.3776	258.49387	247.51494	441.25616	438.1221	430.7848	24.287628	39.78956	41.419796	-0.22706456	-0.0786719	-0.3666214	-0.22282496	1363.9136	805.84894	3699.7483	5869.5107
05-02-2022 18:33	50.065044	250.47397	258.09732	247.31445	441.07678	437.82462	430.39508	24.185144	39.148354	42.559494	-0.2274937	-0.09554881	-0.36372402	-0.23092048	1363.25	963.0183	3770.8643	6097.133
05-02-2022 18:34	50.02847	250.0615	257.55182	247.13559	440.2761	437.19376	429.8543	24.2037	39.457035	42.552105	-0.22642377	-0.10407676	-0.36329317	-0.23353507	1354.9502	1045.7607	3761.0713	6161.782
05-02-2022 18:35	50.02673	249.82216	257.29346	246.55675	439.61102	436.6325	429.21744	24.06769	39.058067	43.24415	-0.2288013	-0.09471148	-0.37433967	-0.23593244	1357.9817	942.7644	3932.724	6233.4707
05-02-2022 18:36	49.98312	249.64526	257.02884	246.48218	439.4113	436.2259	428.92932	24.108393	39.103554	43.102592	-0.22681834	-0.09649421	-0.36926928	-0.2341442	1348.875	960.3447	3862.8271	6172.047
05-02-2022 18:37	49.952835	248.85934	256.40533	246.35748	438.19742	435.45193	428.2552	24.077557	38.837303	42.44452	-0.23198654	-0.09321839	-0.32164803	-0.21482444	1374.2377	919.8789	3309.6628	5603.7793
05-02-2022 18:38	49.96815	248.6138	256.37808	246.15556	437.77686	435.39883	427.90793	24.01552	38.899685	42.433277	-0.23082113	-0.09515393	-0.32479867	-0.21660678	1366.2914	939.9292	3340.8875	5647.1084
05-02-2022 18:39	49.96983	248.31184	255.9925	245.97607	437.09723	434.9547	427.52744	24.02298	38.531364	42.438614	-0.22917975	-0.10561736	-0.32519487	-0.22035438	1358.1322	1028.6232	3337.5037	5724.259
05-02-2022 18:40	49.957165	247.9083	256.1907	244.5999	436.68323	433.73596	426.4291	23.966011	38.498188	41.509228	-0.22465676	-0.106845066	-0.3614181	-0.23303165	1316.0597	1053.3687	3614.6926	5984.121
05-02-2022 18:41	49.94089	247.70555	255.84552	244.66272	436.22516	433.36517	426.4123	23.983398	39.73156	41.49318	-0.22705224	-0.09931015	-0.36105424	-0.229111	1329.3231	1000.7661	3604.1062	5934.1953
05-02-2022 18:42	49.94794	247.49033	255.27647	244.5671	435.6834	433.04153	425.75497	23.962513	39.244537	41.43975	-0.22794741	-0.09013043	-0.35743162	-0.22491515	1329.7903	898.2209	3577.4312	5805.442
05-02-2022 18:43	49.93875	247.16423	255.0943	244.64365	435.61343	432.81296	425.30777	23.911333	39.32106	41.400795	-0.22902702	-0.09230817	-0.3634458	-0.22826582	1332.4617	923.67737	3624.4463	5880.5854
05-02-2022 18:44	49.933727	246.9202	254.65388	245.02797	435.15787	432.9361	425.11575	23.922817	38.97322	42.118145	-0.23179299	-0.107461356	-0.32166514	-0.21881329	1351.4558	1067.0419	3265.8567	5684.3545
05-02-2022 18:45	49.923374	246.51329	254.22551	244.58197	434.6396	431.8894	424.46054	23.886177	38.872475	42.0344	-0.23219384	-0.10457396	-0.31954157	-0.2185257	1351.2493	1040.8673	3242.69	5634.8066
05-02-2022 18:46	49.912727	246.4363	254.27164	244.57774	434.37552	431.93753	424.6147	23.865746	38.85231	41.978317	-0.23040827	-0.10452485	-0.3198577	-0.21764332	1345.988	1013.76105	3239.4565	5599.205
05-02-2022 18:47	49.910107	246.66026	254.4104	244.56721	434.6891	431.98312	424.86572	23.853876	38.77178	42.045383	-0.23166734	-0.10368856	-0.32198405	-0.2185492	1348.0304	1008.14294	3266.8447	5623.018
05-02-2022 18:48	49.952713	246.40292	253.91211	244.29663	433.8001	431.8653	424.0952	23.785494	38.444897	41.932507	-0.22559205	-0.13676453	-0.32123467	-0.22977097	1309.6729	1324.5201	3248.7354	5882.9287
05-02-2022 18:49	49.99088	246.78535	254.33714	244.55858	434.56924	432.25778	424.78647	23.877995	38.423904	41.993614	-0.2248194	-0.1316174	-0.32070035	-0.2274793	1312.4556	1276.257	3251.2554	5839.9683
05-02-2022 18:50	50.01398	246.99573	254.61635	244.7855	435.0323	432.70792	425.11542	23.894985	38.061626	42.07306	-0.22461493	-0.11988871	-0.3169401	-0.22188872	1312.5999	1154.645	3222.4639	5689.709
05-02-2022 18:51	50.022915	247.18121	255.06906	244.77948	435.46838	433.14426	425.34174	23.856676	38.040867	41.36213	-0.22467904	-0.12051187	-0.35647985	-0.23693198	1312.073	1163.1643	3564.044	6039.2812
05-02-2022 18:52	50.035892	247.77596	255.43324	244.83484	436.35306	433.44278	425.9172	24.753231	38.250164	40.961235	-0.17755851	-0.12592487	-0.3721204	-0.23300306	1078.983	1223.4419	3683.9822	5986.407
05-02-2022 18:53	49.990067	247.47859	255.06018	244.6446	435.56134	433.08148	425.5761	24.71695	38.114006	40.87795	-0.17577198	-0.124248244	-0.37604746	-0.23257913	1065.5953	1197.8364	3708.5217	5971.953
05-02-2022 18:54	49.986473	247.27708	255.03192	244.69745	435.45447	432.92697	425.53052	24.758133	38.131786	40.961845	-0.17525648	-0.12529697	-0.37352878	-0.2329764	1060.991	1208.2567	3697.234	5966.482
05-02-2022 18:55	49.985058	247.61685	255.10657	245.27583	435.9226	433.3929	426.31146	24.8308	38.702156	41.735416	-0.17995887	-0.12520716	-0.3318814	-0.21837626	1093.1545	1237.9319	3356.553	5687.639
05-02-2022 18:56	49.993786	247.24487	255.69112	244.43774	436.0234	432.81924	425.70914	24.885817	39.284126	39.46488	-0.17257015	-0.10298089	-0.37222496	-0.21960703	1050.5848	1029.7736	3537.715	5621.6055
05-02-2022 18:57	50.008465	246.97023	255.65074	245.34756	435.9124	433.58224	426.08273	24.862682	39.03343	41.748768	-0.17813778	-0.09437509	-0.33343458	-0.206453	1081.3009	937.3142	3370.372	5388.987
05-02-2022 18:58	50.025677	247.04399	255.74344	245.38164	436.08078	433.6333	426.2105	24.828548	38.981598	41.68988	-0.17784981	-0.091888055	-0.33581424	-0.20635	1072.524	910.36835	3393.8115	5376.704
05-02-2022 18:59	50.049854	246.95947	255.76656	245.41219	436.06955	433.79865	426.00586	24.898054	39.14052	41.767303	-0.17744908	-0.094461985	-0.3317788	-0.20559828	1072.4	932.84735	3358.8896	5364.1367
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
05-02-2022 19:00	50.044125	246.62047	255.46188	245.19168	435.4327	433.31665	425.62585	24.06226	39.06732	41.72921	-0.22525917	-0.09287567	-0.3353444	-0.21751018	1328.7893	921.9946	3394.355	5645.139
05-02-2022 19:01	50.04856	246.685	255.4863	245.16853	435.52444	433.3166	425.6485	24.030104	39.035038	41.81527	-0.22208604	-0.09079656	-0.3344071	-0.21572597	1295.3365	901.20905	3381.5225	5576.2554
05-02-2022 19:02	50.021915	246.14024	255.45415	244.68095	434.715	432.79227	425.13736	23.934048	38.98593	40.954254	-0.21832125	-0.09418078	-0.38067102	-0.23305821	1272.1831	930.17505	3766.4546	5968.8125
05-02-2022 19:03	50.028965	246.49675	255.47472	245.23308	435.4138	433.056	425.78055	23.969902	39.41718	41.398727	-0.22110866	-0.10416892	-0.3628878	-0.2288823	1285.3804	1008.83356	3628.1787	5922.3926
05-02-2022 19:04	50.03524	246.7916	255.22408	245.17863	435.45346	432.9934	425.7864	23.976997	38.34675	41.42227	-0.22623251	-0.111818776	-0.35873094	-0.2347021	1320.6511	1082.1218	3591.0483	5993.8213
05-02-2022 19:05	50.035248	247.01555	255.33716	245.49776	435.66043	433.60828	426.10175	23.987625	38.21915	42.093143	-0.22891352	-0.11009141	-0.31887493	-0.21981628	1344.001	1065.8053	3282.5	5692.3057
05-02-2022 19:06	50.042915	247.28418	255.82932	245.7821	436.38004	434.2454	426.5578	24.038725	38.66044	42.284653	-0.22759864	-0.09537061	-0.3200839	-0.21373805	1332.5151	937.82275	3287.445	5557.783
05-02-2022 19:07	50.032005	247.40315	255.64297	245.8094	436.2232	434.07376	426.81244	24.025742	38.672073	42.25416	-0.22837733	-0.093852215	-0.32115555	-0.21413153	1343.6635	921.9262	3293.9834	5559.5728
05-02-2022 19:08	50.025963	247.61624	256.36804	245.00513	436.17715	434.03925	427.12088	23.897377	32.710766	35.435696	-0.21451364	-0.04814918	-0.36344966	-0.20960864	1257.0042	402.33923	3119.516	4778.8594
05-02-2022 19:09	50.001495	247.23993	256.11023	244.88402	435.5309	433.8005	426.69644	23.760895	32.57231	35.28292	-0.21355078	-0.044016674	-0.35375187	-0.2041985	1248.5532	366.0097	3021.2456	4635.8086
05-02-2022 19:10	49.996964	247.46729	256.18478	245.27768	436.0951	434.03268	427.10632	23.94821	33.051933	35.294983	-0.21552506	-0.056011338	-0.35255697	-0.2080736	1264.4131	471.0622	3013.9087	4749.3843
05-02-2022 19:11	50.02748	247.60635	256.53577	245.03247	436.63306	433.9318	427.097	23.95258	33.362923	35.334137	-0.2168129	-0.06951375	-0.35342824	-0.21030472	1273.6252	517.2894	3018.4053	4809.32
05-02-2022 19:12	50.04805	248.72797	256.50336	244.4929	436.6258	434.14377	427.8316	23.74619	24.667643	29.408627	-0.21038353	-0.06812896	-0.3831459	-0.22731976	1220.7029	428.82727	2723.5608	4373.091
05-02-2022 19:13	50.049923	247.75485	256.58615	245.22714	436.3109	433.81506	428.1924	24.108896	24.316404	21.083448	-0.20240909	-0.055386562	-0.25403535	-0.16575041	1201.8815	345.62598	1303.4792	2850.9868
05-02-2022 19:14	50.030582	247.93	256.73502	245.36946	436.81714	433.8395	428.4697	24.0677	24.26595	21.246927	-0.20320922	-0.053002115	-0.2512153	-0.16359001	1197.2043	329.45233	1303.3368	2829.9932
05-02-2022 19:15	50.01758	247.811	256.7847	245.18791	436.6434	433.82285	428.22696	24.079422	24.30429	21.184486	-0.20372273	-0.057978634	-0.25212887	-0.16566986	1206.0027	361.7491	1297.9814	2865.733
05-02-2022 19:16	49.982502	248.04903	256.6672	245.71706	436.8023	434.1854	428.8275	24.047665	24.366941	22.123945	-0.20585965	-0.058592644	-0.17430009	-0.14378047	1216.9331	364.97147	936.6495	2518.5542
05-02-2022 19:17	49.99832	248.1052	256.82367	245.67644	437.02975	434.3122	428.775	24.11542	24.849247	22.109394	-0.20677327	-0.08276011	-0.17615587	-0.15284857	1223.5476	524.5657	945.9342	2694.0476
05-02-2022 19:18	50.0008	248.02661	256.75604	245.67505	436.86786	434.28766	428.70532	24.106812	25.187838	22.149567	-0.2088926	-0.099999316	-0.17799935	-0.1600614	1234.6001	639.71985	956.82404	2831.1438
05-02-2022 19:19	50.033882	248.614	257.05524	245.77596	437.59335	434.7284	429.25186	24.152205	23.632414	22.154305	-0.20765926	-0.08859711	-0.1764453	-0.15668783	1225.5822	548.2765	948.68884	2722.5476
05-02-2022 19:20	50.04016	248.6854	257.1049	245.634	437.47958	434.71732	429.33652	24.129578	23.635632	22.202951	-0.20659593	-0.08790053	-0.17037918	-0.15406813	1226.0499	526.1443	917.15894	2669.353
05-02-2022 19:21	50.03825	248.53894	256.90015	245.70274	437.17816	434.71445	429.15298	24.085747	23.466167	22.146215	-0.20712928	-0.10535913	-0.1717893	-0.16085862	1219.6174	634.443	917.4356	2774.1836
05-02-2022 19:22	50.05653	248.70253	257.11716	245.81076	437.53497	434.81628	429.5372	24.110489	23.593056	22.200039	-0.20929055	-0.10510192	-0.17342134	-0.16173592	1238.7742	635.2575	935.8469	2809.8784
05-02-2022 19:23	50.076557	248.89774	257.395	245.61676	437.9821	434.80212	429.5897	24.087915	23.520863	21.261372	-0.20351717	-0.10502367	-0.24755208	-0.18245831	1219.4725	624.71277	1279.2207	3123.406
05-02-2022 19:24	50.065453	248.9013	257.61008	245.84535	437.83862	435.5093	429.79852	24.135563	23.579136	21.23905	-0.20369573	-0.10667437	-0.24261369	-0.18125243	1210.468	643.8776	1252.4924	3106.8381
05-02-2022 19:25	50.06772	248.70377	257.2431	245.73987	437.8292	434.8438	429.3201	24.162544	23.907011	21.167263	-0.20661855	-0.12707011	-0.24597917	-0.19012323	1227.5829	776.944	1266.1901	3270.7173
05-02-2022 19:26	50.073376	249.18806	257.71207	246.0111	438.30576	435.61407	430.1873	24.11216	23.606321	21.179789	-0.20596	-0.10966002	-0.2518811	-0.18570447	1224.3352	666.1932	1298.6102	3189.1384
05-02-2022 19:27	50.08405	249.35284	257.97443	246.38083	438.89	436.15076	430.45312	24.125542	24.545094	22.093449	-0.20027956	-0.08088889	-0.1720055	-0.14895827	1189.5308	469.69598	977.4669	2636.6938
05-02-2022 19:28	50.066257	249.71759	258.22647	246.32819	439.44714	436.21527	430.80835	25.100418	24.501207	22.213726	-0.1566224	-0.07408426	-0.16468951	-0.13007331	961.92737	470.13135	884.5703	2316.629
05-02-2022 19:29	50.042004	249.82176	257.99402	246.98543	439.4105	436.69745	431.27768	25.075085	24.408314	22.679605	-0.1594478	-0.06920003	-0.15459232	-0.12656015	995.71844	428.43274	864.0563	2288.2075
05-02-2022 19:30	50.040333	249.48358	257.89825	246.97704	439.1913	436.34192	431.08322	25.064167	24.40175	22.742481	-0.15989631	-0.06790482	-0.15452947	-0.12528925	979.5597	422.38025	862.9538	2264.8938
05-02-2022 19:31	50.03351	249.75192	258.0361	247.35849	439.4458	436.8075	431.72296	25.062258	24.461823	22.754929	-0.15970024	-0.067889854	-0.16023521	-0.12794258	994.27313	436.91235	881.97107	2313.1565
05-02-2022 19:32	49.97898	249.63483	257.83914	247.19366	439.21515	436.46396	431.4678	25.049042	24.839792	22.646156	-0.16035704	-0.089891665	-0.15428033	-0.13373798	996.77954	617.4287	857.6509	2471.781
05-02-2022 19:33	49.96482	249.9375	257.86823	247.1433	439.59308	436.6328	431.41653	25.064516	24.761654	22.700834	-0.16186853	-0.085898004	-0.15855369	-0.1342324	1004.29736	523.08887	882.64575	2410.032
05-02-2022 19:34	49.984234	250.08043	258.06543	246.87892	439.58093	436.52927	431.65598	25.009083	23.890644	21.609688	-0.15779594	-0.09296012	-0.23216163	-0.15845603	977.65063	577.91327	1233.6903	2789.2542
05-02-2022 19:35	49.99124	250.30045	258.25626	247.27364	439.88632	437.26382	432.01456	24.963778	23.328922	21.668684	-0.15982871	-0.13157272	-0.22040084	-0.16912857	989.72034	798.014	1169.8805	2957.6147
05-02-2022 19:36	50.02192	250.12576	258.4195	247.96501	440.1449	437.87805	432.3213	24.18028	23.264881	22.18031	-0.21028349	-0.12325071	-0.1888548	-0.17367204	1257.8403	737.2888	1027.7546	3022.8838
05-02-2022 19:37	50.0533	250.30905	258.6378	248.10829	440.36917	438.14484	432.7695	24.214708	23.392715	22.253635	-0.20725563	-0.124434575	-0.19001867	-0.1733744	1243.3247	747.9548	1037.9375	3029.2168
05-02-2022 19:38	50.052887	250.27127	258.6112	248.61717	440.62714	438.64047	432.79333	24.266844	23.447765	23.318275	-0.2059129	-0.0988819	-0.124189	-0.1442176	1243.618	605.4377	707.85614	2556.9119
05-02-2022 19:39	50.045418	249.84334	258.40295	248.38725	440.3568	437.95306	432.25018	24.18934	23.794415	23.198702	-0.21027273	-0.113455184	-0.12703438	-0.15037827	1246.2719	666.38	723.56506	2636.217
05-02-2022 19:40	50.020008	249.6135	258.2358	248.37524	439.90845	438.04498	431.90158	24.194714	23.913496	23.732647	-0.21009764	-0.12097583	-0.10162233	-0.14438657	1250.2424	677.69556	590.6731	2518.611
05-02-2022 19:41	50.024204	249.31863	257.93515	248.20021	439.48904	437.5799	431.45145	24.206024	23.39502	23.820957	-0.20728135	-0.09743785	-0.09532292	-0.13355777	1235.9998	581.16364	562.93756	2380.101
05-02-2022 19:42	50.03235	249.24147	257.92838	248.24007	439.59656	437.4125	431.4334	24.186947	23.404701	23.826208	-0.21279536	-0.09597977	-0.09922721	-0.13614507	1268.9451	575.6956	581.0105	2425.6511
05-02-2022 19:43	50.02379	248.61519	258.06793	247.39197	438.81805	436.8545	430.45972	24.213821	24.128231	23.815405	-0.20754269	-0.0691745	-0.09755264	-0.12420271	1236.1808	428.87546	568.2043	2233.2607
05-02-2022 19:44	50.035244	248.81534	258.08923	247.74313	439.3069	436.95572	430.85938	24.20645	24.248894	23.731895	-0.2099189	-0.06908312	-0.10340125	-0.1268395	1251.9867	428.6751	601.9605	2282.6223
05-02-2022 19:45	49.987606	247.96815	257.59863	247.42331	437.93893	436.2346	430.07144	24.117773	23.99403	22.558273	-0.20785606	-0.06560513	-0.17265125	-0.14703372	1230.2715	403.89282	952.3673	2586.5317
05-02-2022 19:46	49.952934	247.67896	257.71313	247.50485	437.80313	436.18634	430.08813	24.079529	24.3852	22.566345	-0.21002965	-0.086993575	-0.16971485	-0.15403894	1242.7217	542.4144	939.13727	2724.2734
05-02-2022 19:47	49.911724	248.06387	257.8012	247.55153	438.05585	436.4619	430.46063	24.102499	24.571575	22.562397	-0.21030836	-0.09592332	-0.16704795	-0.15275393	1237.2148	537.97235	927.4059	2702.593
05-02-2022 19:48	49.90466	248.47359	257.9778	247.64264	438.76886	436.55618	430.82758	24.074373	23.945389	22.690372	-0.20877405	-0.06696573	-0.17335747	-0.14814045	1233.8313	413.1411	964.0781	2611.0503
05-02-2022 19:49	49.950783	248.80748	258.11716	248.32877	439.04398	437.62943	431.49173	24.16868	24.062307	23.807941	-0.21235105	-0.0668213	-0.103945576	-0.12705514	1264.318	413.31815	608.4459	2286.082
05-02-2022 19:50	50.015842	249.16972	258.25085	248.53336	439.38895	437.96234	432.02515	24.197828	23.339825	23.818169	-0.21073003	-0.09981669	-0.11104257	-0.14051655	1256.5187	599.02325	650.47064	2506.0127
05-02-2022 19:51	50.032104	249.52133	258.648	248.77281	440.1133	438.4948	432.48242	24.201366	23.456518	23.927147	-0.21352014	-0.10204566	-0.101426855	-0.13788241	1269.3253	600.4471	598.1772	2467.9495
05-02-2022 19:52	50.047653	249.51108	258.5714	248.85925	440.00616	438.45636	432.62387	24.227144	23.302788	23.900715	-0.20933509	-0.0936887	-0.10096805	-0.1348493	1251.33	553.8805	588.435	2393.6455

05-02-2022 19:53	50.066624	249.30452	258.43027	248.63278	439.8714	437.9978	432.22318	24.25643	23.394798	23.896847	-0.21138835	-0.097254686	-0.10076146	-0.13660672	1264.9674	584.87354	592.6839	2442.525
05-02-2022 19:54	50.05836	249.42311	258.72006	248.88516	440.0637	438.61316	432.56116	24.264181	23.919563	23.881388	-0.21016315	-0.11750192	-0.10306727	-0.1436448	1252.3662	676.0891	599.78644	2530.2417
05-02-2022 19:55	50.04903	249.83917	259.0081	249.07877	440.6129	438.94702	433.22885	24.278103	23.651592	23.840895	-0.21035308	-0.07370992	-0.108170524	-0.13084008	1267.4469	449.3128	635.9449	2352.7046
05-02-2022 19:56	50.05426	249.79349	259.30954	248.85529	440.841	438.89743	433.10645	24.270359	23.852142	22.823084	-0.2059472	-0.08264278	-0.17121495	-0.15231583	1236.8378	507.84714	960.8234	2705.5083
05-02-2022 19:57	50.04781	249.89659	259.2969	249.09402	441.0941	439.18762	433.1395	24.326233	23.713978	22.796919	-0.20792665	-0.074617535	-0.1685853	-0.14952208	1249.9866	456.3066	945.8377	2652.1309
05-02-2022 19:58	50.02975	249.62988	259.39713	248.95488	441.10062	439.00494	432.7877	24.273367	24.678257	22.822153	-0.20607652	-0.054112118	-0.17198531	-0.1416627	1238.5302	344.57025	966.29095	2549.3916
05-02-2022 19:59	50.032322	249.57161	259.49118	248.66469	440.87735	438.89752	432.67593	24.29785	24.559755	22.751196	-0.20611893	-0.04993004	-0.178292	-0.14222758	1236.1299	316.46948	997.8301	2550.4294
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
05-02-2022 20:00	50.018482	249.72891	259.40897	249.42842	441.18298	439.38992	433.32785	24.339699	24.647694	23.929886	-0.20928754	-0.05016774	-0.10802224	-0.12117882	1258.6635	319.42322	638.40375	2216.4905
05-02-2022 20:01	49.97837	249.7964	259.08566	249.76291	441.08362	439.36456	433.58554	24.319155	25.056732	23.886772	-0.2126498	-0.0645162	-0.10473937	-0.12602723	1279.2747	414.6832	618.6765	2312.6343
05-02-2022 20:02	49.951492	249.43506	259.7739	249.66237	441.17343	439.5157	433.72574	24.267216	24.609577	22.979975	-0.2079464	-0.05382716	-0.16194856	-0.13907726	1245.5651	342.4426	919.3582	2507.366
05-02-2022 20:03	49.970432	249.68886	260.1243	249.27473	441.00238	439.94217	433.84576	24.189684	24.56588	21.889336	-0.20126358	-0.058342796	-0.24999753	-0.16592278	1221.2258	370.01337	1357.6687	2948.9082
05-02-2022 20:04	49.970234	249.67075	259.8715	249.84738	441.30804	439.98093	434.02713	24.276085	24.557436	22.784409	-0.20863864	-0.07186299	-0.14678302	-0.14095363	1254.1871	469.4215	822.1386	2545.747
05-02-2022 20:05	49.97275	250.15744	259.36664	249.33583	441.24286	439.47958	433.6857	25.128391	24.31902	22.8561	-0.16065426	-0.061803553	-0.13760312	-0.11925002	999.97534	396.03207	773.68317	2169.6904
05-02-2022 20:06	49.989166	250.46123	259.729	249.63579	441.78305	440.19458	434.10785	25.138123	23.629587	22.370508	-0.1614172	-0.0989419	-0.16380258	-0.14079817	1005.64014	600.4514	913.04333	2519.135
05-02-2022 20:07	50.021107	250.81412	260.1027	249.52458	442.28333	440.36523	434.50034	25.176012	23.549805	21.355684	-0.15639918	-0.095780715	-0.23769985	-0.15974058	973.0566	579.77734	1247.6356	2800.4692
05-02-2022 20:08	50.044476	250.98317	260.1272	249.70638	442.62912	440.35464	434.81277	25.225124	24.380548	21.386284	-0.15820834	-0.13129352	-0.23886472	-0.17255633	990.4164	831.742	1253.2358	3075.3943
05-02-2022 20:09	50.06192	251.02687	260.07233	249.56561	442.68152	440.09818	434.753	25.213627	24.136196	21.316822	-0.15917434	-0.11857355	-0.24158138	-0.16936462	997.4655	735.191	1274.5315	3007.188
05-02-2022 20:10	50.057396	251.81198	260.63498	250.59956	443.71353	441.69598	436.2482	25.37099	23.860447	22.459263	-0.16083819	-0.10131219	-0.16225864	-0.14089784	1008.4549	621.2373	893.46265	2523.1548
05-02-2022 20:11	50.056038	250.80446	260.78778	250.66417	443.0501	441.47876	435.75146	25.323711	23.943913	22.401058	-0.15998904	-0.10496063	-0.16256383	-0.14187032	1003.964	650.3285	903.3442	2557.6367
05-02-2022 20:12	50.051746	251.31477	260.4444	250.52818	443.54932	441.24387	435.55328	25.288649	23.854095	22.420027	-0.16190659	-0.10036144	-0.16173922	-0.14074741	1016.9632	619.8266	897.7496	2534.5396
05-02-2022 20:13	50.021645	251.30371	260.3558	250.58669	443.404	441.36447	435.5089	24.37494	23.95046	22.362907	-0.21069592	-0.100427575	-0.16185096	-0.15712196	1274.9253	620.648	896.6211	2792.1943
05-02-2022 20:14	50.01661	251.36371	260.70587	250.82446	443.85864	441.6071	435.9287	24.47496	24.694998	22.276031	-0.20646527	-0.06825131	-0.16804644	-0.14551662	1252.7006	436.26712	928.39935	2617.367
05-02-2022 20:15	49.989365	251.0466	260.72473	250.33624	443.38815	441.3843	435.26483	24.412825	24.694992	22.32946	-0.20476764	-0.07007585	-0.16439314	-0.1444092	1237.0779	447.94632	909.1155	2594.1394
05-02-2022 20:16	50.01261	251.08113	260.9344	250.41483	443.73593	441.35693	435.49857	24.487286	25.07962	22.31209	-0.20480058	-0.081380785	-0.1594381	-0.14670618	1241.4585	526.3596	879.96674	2647.7847
05-02-2022 20:17	49.99115	251.25368	260.85397	250.56277	443.70737	441.5517	435.7482	24.38576	24.523258	21.785776	-0.20289353	-0.06674826	-0.21182887	-0.15725386	1225.2384	433.2867	1143.2407	2801.7656
05-02-2022 20:18	49.986053	251.34222	260.76874	250.66985	443.72577	441.53107	435.939	24.41283	24.680128	21.71012	-0.20249191	-0.07462543	-0.21070275	-0.15909603	1221.6353	468.71243	1134.0833	2824.431
05-02-2022 20:19	49.950756	251.36108	260.8901	250.67712	443.73553	441.7075	436.00858	24.36148	24.564016	21.785872	-0.20450115	-0.0699999	-0.20318408	-0.1549893	1236.6749	429.8769	1091.1584	2757.7102
05-02-2022 20:20	50.0019	250.94615	260.99683	250.62143	443.4687	441.70248	435.6506	24.383821	24.755512	21.84863	-0.20530297	-0.054796852	-0.2070011	-0.1517462	1237.5665	362.5381	1114.2947	2714.3994
05-02-2022 20:21	50.027866	251.61775	260.78534	250.88623	443.87323	441.98975	436.21774	24.43565	23.744064	23.02185	-0.20749821	-0.072694115	-0.13491714	-0.13811268	1257.6613	452.78485	772.135	2482.581
05-02-2022 20:22	50.04127	252.21725	260.85684	250.97758	444.34995	442.2409	436.80978	24.473866	23.94344	22.972939	-0.20882967	-0.07928526	-0.12974317	-0.13912629	1276.5553	491.39337	737.0243	2504.973
05-02-2022 20:23	50.05012	252.65671	260.78204	251.5128	444.8683	442.69	437.4025	24.4897	24.04351	23.951704	-0.21380337	-0.1174851	-0.101475574	-0.14446172	1314.2773	745.6428	590.22144	2650.1416
05-02-2022 20:24	50.052155	252.40979	260.60098	251.1133	444.3952	442.4016	436.73566	24.47778	23.674278	23.55275	-0.21166018	-0.10584006	-0.13296683	-0.15058178	1297.0349	644.615	778.95044	2720.6003
05-02-2022 20:25	50.063362	252.5051	260.6637	251.14845	444.8168	442.27316	436.77762	24.464739	23.48914	23.523075	-0.21413167	-0.09752152	-0.12599419	-0.14521465	1302.9542	575.8616	734.2207	2613.0366
05-02-2022 20:26	50.03239	252.85245	260.77628	251.00671	444.85178	442.55862	437.00955	24.423304	23.581787	23.614027	-0.2134678	-0.10047107	-0.1431936	-0.15260097	1302.846	613.0034	839.9127	2755.762
05-02-2022 20:27	50.045708	253.1636	260.82635	251.05966	445.14297	442.59644	437.39575	24.48968	23.78688	23.61166	-0.21207382	-0.10751996	-0.14515811	-0.15495527	1303.7327	652.98346	847.40466	2804.1206
05-02-2022 20:28	50.011215	252.90889	261.07037	250.74762	445.16458	442.49097	436.92474	24.407024	23.82001	22.298937	-0.21281837	-0.11439575	-0.2034677	-0.17286935	1294.1145	653.8716	1118.8823	3066.8682
05-02-2022 20:29	50.043343	253.0772	261.3352	250.92488	445.435	442.97235	437.2308	24.43261	23.61931	22.370586	-0.21051681	-0.105356775	-0.19055247	-0.16804405	1284.168	632.5563	1076.3739	2993.0981
05-02-2022 20:30	50.024857	253.15639	261.59747	251.21524	445.87503	443.21487	437.6401	24.465717	24.906778	22.341751	-0.21048965	-0.09357351	-0.19678235	-0.1646537	1292.5022	654.6898	1089.4504	3036.6426
05-02-2022 20:31	49.985413	253.0845	261.69403	250.81036	445.7019	443.02023	437.35004	24.418236	24.85342	22.418652	-0.2097744	-0.095869064	-0.20415501	-0.16751418	1270.5531	609.20276	1125.585	3005.3408
05-02-2022 20:32	49.9941	253.40639	261.88174	251.25746	446.34482	443.5282	437.85837	24.499605	24.6152	23.511627	-0.21224879	-0.078668706	-0.12656778	-0.13943361	1297.4211	520.65643	745.10126	2563.1787
05-02-2022 20:33	49.940575	252.90366	261.40457	251.44958	445.8781	443.26514	437.22687	23.959417	24.513462	23.420717	-0.23663998	-0.07543568	-0.13543996	-0.14772795	1411.3914	478.94757	788.1797	2678.5186
05-02-2022 20:34	49.93815	252.79323	261.34525	251.2941	445.59903	443.00177	437.20203	23.955877	24.306786	23.483631	-0.23703921	-0.067128986	-0.13140024	-0.1418539	1405.4905	418.9185	757.29114	2581.6997
05-02-2022 20:35	49.946297	252.6841	261.30286	251.42964	445.40143	443.1122	437.25986	23.988485	24.357021	23.497675	-0.23735583	-0.06784649	-0.13157937	-0.1442057	1423.7513	439.76382	763.9298	2627.445
05-02-2022 20:36	49.973663	252.7166	261.2367	251.60262	445.5692	443.21997	437.22818	24.015501	24.559343	23.470516	-0.23862426	-0.07400888	-0.1347857	-0.1476967	1428.8342	471.0293	787.87994	2687.7437
05-02-2022 20:37	50.003826	252.9504	261.1781	251.75578	445.6774	443.43152	437.47748	24.02293	24.022253	23.51122	-0.23969756	-0.11632522	-0.13392371	-0.16397008	1437.0502	743.1967	778.44025	2958.687
05-02-2022 20:38	50.029163	253.12465	261.38037	251.9591	445.99332	443.8254	437.77283	24.08337	24.234123	23.493158	-0.23788708	-0.11962329	-0.14060916	-0.16564369	1432.0273	755.93256	818.73175	3006.6917
05-02-2022 20:39	50.061638	253.59528	262.03268	252.02216	446.97403	444.2335	438.4376	24.085463	23.748161	22.483263	-0.23502629	-0.10314008	-0.20094046	-0.17854881	1416.762	639.99475	1118.1256	3174.8823
05-02-2022 20:40	50.07949	253.45906	261.73187	252.03912	446.32077	444.14774	438.44492	24.080482	23.6442	22.437893	-0.23344482	-0.09785831	-0.2006688	-0.17622945	1410.5309	608.70886	1113.1398	3132.3794
05-02-2022 20:41	50.07119	253.55887	261.5508	251.89777	446.32474	443.7121	438.48782	24.12427	23.884968	22.4467	-0.23444042	-0.104853064	-0.19808513	-0.17799789	1408.8976	641.7687	1105.5568	3156.223
05-02-2022 20:42	50.08317	253.87344	261.75528	251.862	446.62384	444.10013	438.6419	24.979239	23.6884	22.558172	-0.19049762	-0.10264454	-0.19868122	-0.16500956	1189.1063	651.47437	1123.2009	2963.7817
05-02-2022 20:43	50.079273	254.19458	261.9943	252.28459	447.35837	444.61826	439.09396	25.037636	24.101936	23.018787	-0.18544705	-0.07668306	-0.16285552	-0.14107285	1162.1509	479.53613	937.63403	2579.321
05-02-2022 20:44	50.062412	254.07991	261.88055	252.00256	447.21255	444.12027	438.85226	24.991549	24.210184	23.126518	-0.1862367	-0.08410987	-0.16066581	-0.14310893	1170.9218	521.94165	913.8275	2606.691
05-02-2022 20:45	50.054413	253.36258	261.6385	251.48523	446.3046	443.40308	437.91913	24.983938	25.279373	23.011257	-0.18411295	-0.06977106	-0.15749103	-0.13500369	1153.4744	443.42545	905.5909	2502.4907
05-02-2022 20:46	50.043865	253.58589	261.77133	251.63834	446.53796	443.76587	438.20612	24.997103	24.81182	23.028471	-0.18479016	-0.07219523	-0.15765056	-0.13692042	1155.0299	465.99533	901.7048	2522.73
05-02-2022 20:47	50.01082	253.40869	261.83167	251.02052	446.39786	443.18848	437.653	24.966803	24.772623	22.901957	-0.18377434	-0.07164441	-0.16356745	-0.138889	1141.9916	487.10132	925.94727	2555.04
05-02-2022 20:48	49.993942	253.06224	261.3746	251.28026	445.7292	443.21698	437.3518	24.936178	24.7068	22.945272	-0.18513708	-0.069419846	-0.16451608	-0.13820605	1149.5471	457.4712	933.9124	2540.9307
05-02-2022 20:49	49.954914	252.84145	261.40012	250.97185	445.63736	442.65076	437.1334	23.88163	24.736961	21.90793	-0.22429651	-0.07534141	-0.2441609	-0.17534503	1332.418	460.73114	1328.7747	3121.9238
05-02-2022 20:50	49.934258	252.46716	261.4178	251.19836	445.51495	442.96735	436.72015	23.935411	24.723003	21.798115	-0.2335877	-0.07337825	-0.2309329	-0.17493908	1391.7832	452.62344	1247.6748	3090.4878
05-02-2022 20:51	49.94414	252.4077	261.5187	251.50926	445.57288	443.08264	437.1496	23.98103	24.552946	22.334251	-0.22918682	-0.062641814	-0.19513118	-0.15907589	1367.5275	401.35846	1080.4432	2849.329
05-02-2022 20:52	50.02273	253.44061	261.94495	252.1066	446.78232	444.1993	438.38834	24.030415	24.37429	22.397984	-0.23208612	-0.11667416	-0.19986038	-0.18130666	1394.1367	717.30414	1113.1538	3224.5947
05-02-2022 20:53	50.03211	253.80092	261.98178	252.68124	447.25464	444.78046	439.0173	24.125635	24.014856	23.608015	-0.23428416	-0.09357462	-0.12223225	-0.14957161	1412.179	583.5964	720.4927	2716.268
05-02-2022 20:54	50.049732	253.7663	261.73816	252.63576	446.90756	444.60968	438.97287	24.09754	23.990614	24.229668	-0.23559397	-0.09248161	-0.09900242	-0.14173736	1420.0889	576.68024	599.08704	2595.8564
05-02-2022 20:55	50.077446	253.9252	261.86945	252.83476	447.3637	444.8996	439.07693	24.140728	24.075377	24.275856	-0.23395902	-0.09499016	-0.104799226	-0.14394492	1415.9429	595.9388	636.21906	2648.1008
05-02-2022 20:56	50.063305	253.58246	261.57144	252.39302	446.69864	444.2669	438.49936	24.121859	24.047497	24.1758	-0.233476	-0.093571596	-0.09860727	-0.14130306	1415.8387	595.36816	592.57697	2603.784
05-02-2022 20:57	50.050476	253.52782	261.6883	252.46548	446.47314	444.63083	438.59454	24.086962	24.018059	24.210526	-0.23572704	-0.09319719	-0.12353992	-0.15006517	1417.6921	560.7024	677.36145	2655.7559
05-02-2022 20:58	50.04759	253.31113	261.86536	252.15865	446.4162	444.22238	438.45612	24.103008	23.940334	23.263437	-0.23401423	-0.094195545	-0.16050391	-0.1621124	1407.3956	586.8188	930.011	2924.2256
05-02-2022 20:59	50.06013	253.51492	262.10025	252.56723	446.94467	444.89526	438.72717	24.167057	24.40995	23.060152	-0.23462462	-0.11082737	-0.13851576	-0.16089968	1418.5835	701.50146	797.11755	2917.2024
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
05-02-2022 21:00	50.01372	253.14844	261.74905	251.61287	446.2465	443.58514	437.8373	24.097822	25.221834	21.98027	-0.23288892	-0.09665609	-0.22319764	-0.18043919	1401.4894	633.61255	1219.3397	3254.4414
05-02-2022 21:01	49.997177	252.02263	260.72272	250.42378	444.27197	441.72604	435.8844	24.064123	24.606785	21.871563	-0.22986822	-0.06818088	-0.21129039	-0.16617204	1370.5308	432.54184	1144.3881	2947.4607
05-02-2022 21:02	49.95567	248.16432	256.8286	246.76251	437.38202	435.26718	429.46103	23.707615	24.246988	21.572973	-0.23151252	-0.069252275	-0.21966226	-0.16868219	1337.271	420.13748	1142.7703	2900.1787
05-02-2022 21:03	49.969315	245.44044	254.44043	243.78642	432.9047	430.5484	424.64957	23.668139	24.216637	21.504868	-0.2248083	-0.054312773	-0.21427524	-0.16031165	1290.5977	333.17126	1108.0895	2731.8584
05-02-2022 21:04	49.941032	246.223	254.74603	245.31258	434.2979	432.11096	426.22235	23.686188	24.456554	22.494606	-0.23089756	-0.05384285	-0.13884729	-0.1391428	1326.8849	318.4679	751.0357	2396.3887
05-02-2022 21:05	49.90896	244.65858	253.45866	243.99635	431.80972	429.72314	423.8761	23.551836	23.981884	22.434635	-0.23130819	-0.04195708	-0.13819422	-0.1351751	1306.726	260.13437	745.41266	2312.273
05-02-2022 21:06	49.898804	243.04297	252.00687	242.60062	429.17258	427.50607	421.0075	23.486546	24.516088	22.246746	-0.23185721	-0.07571553	-0.13872375	-0.14692704	1315.5955	439.34424	751.3374	2506.277
05-02-2022 21:07	49.905643	241.93411	250.73717	241.28546	426.89664	425.54324	418.85135	23.498934	24.235687	22.160221	-0.22442941	-0.06480791	-0.14490123	-0.14279255	1269.0424	378.551	773.8904	2419.5774
05-02-2022 21:08	49.914368	241.95975	250.4509	241.0711	426.46262	425.28824	418.71597	23.367619	23.121365	22.241512	-0.2318546	-0.08048284	-0.13924728	-0.14963414	1290.4791	462.2354	736.5399	2489.2544
05-02-2022 21:09	49.90989	242.33162	250.55849	241.50955	427.34756	425.40674	419.30035	23.43178	23.257404	22.198584	-0.23162036	-0.07942441	-0.13712978	-0.14910677	1300.5516	458.55893	725.5142	2484.6248
05-02-2022 21:10	49.95087	242.28703	250.7959	241.63194	427.0088	426.01468	419.57584	23.467686	23.127235	22.293945	-0.22991148	-0.08218565	-0.13861375	-0.14979412	1292.1686	474.9679	738.4148	2505.5513
05-02-2022 21:11	49.996323	242.85498	251.33754	241.51067	427.95663	426.111	420.2403	23.443844	23.230267	21.286015	-0.2259495	-0.08292529	-0.22289246	-0.17573608	1269.8085	485.4107	1133.5547	2888.774
05-02-2022 21:12	50.02204	242.79886	251.20639	241.60458	427.72153	426.12317	420.29926	23.476439	22.933018	21.256695	-0.22691692	-0.108748	-0.21469484	-0.18198042	1278.213	617.655	1081.494	2977.362
05-02-2022 21:13	50.0327	241.3052	250.64714	241.24438	426.03903	424.9382	418.97952	23.413294	22.793892	21.27495	-0.2242815	-0.10389308	-0.2087794	-0.17761636	1256.1865	591.0209	1066.9349	2914.142
05-02-2022 21:14	50.034004	241.45326	250.59949	241.51427	426.35715	425.18243	419.06348	23.457169	23.293438	21.243813	-0.22719508	-0.120485276	-0.21086524	-0.18763965	1282.3048	743.9887	1067.014	3093.3076
05-02-2022 21:15	50.030354	243.19032	251.38579	242.4664	428.63263	426.86017	421.13287	23.514196	23.021109	22.354471	-0.23189604	-0.10253016	-0.13876283	-0.15820786	1311.2969	593.71405	746.5963	2651.607
05-02-2022 21:16	50.025925	242.62787	252.01639	242.8028	428.54138	427.51004	421.27155	23.543852	23.631203	22.339222	-0.22793423	-0.069589935	-0.14403538	-0.14601888	1288.9407	413.95755	769.70325	2472.6016
05-02-2022 21:17	49.99451	242.2971	251.6747	242.50685	427.84793	426.9716	420.82364	23.514154	23.669775	22.356544	-0.22889097	-0.072229035	-0.13966997	-0.14578909	1288.6128	443.74283	745.87915	2478.2349

05-02-2022 21:18	49.966354	242.53178	251.69336	242.05948	427.8838	426.76694	420.65872	24.306776	23.699636	23.460941	-0.18367745	-0.07127657	-0.12032797	-0.12485625	1070.6436	416.55585	676.7908	2163.9902
05-02-2022 21:19	49.975834	243.14236	251.41893	242.37057	428.4228	426.88654	421.12375	24.340868	23.824776	23.365582	-0.1861633	-0.07145032	-0.10189709	-0.119858146	1090.7546	421.45148	587.75684	2098.6504
05-02-2022 21:20	50.014965	243.63821	251.76169	242.85193	429.3069	427.62936	421.7858	24.394665	23.809742	22.93786	-0.18651871	-0.069592886	-0.12692793	-0.12745942	1095.511	420.13013	697.8976	2213.5386
05-02-2022 21:21	50.018993	243.55884	251.77248	242.7391	429.12714	427.63623	421.64536	24.417862	24.19717	22.779823	-0.17911658	-0.08865429	-0.13168105	-0.13295823	1056.0532	534.7858	719.4144	2310.2534
05-02-2022 21:22	50.0208	243.77507	252.22156	242.53928	429.50247	427.8767	421.83646	24.34319	23.629599	21.995762	-0.1766157	-0.06842562	-0.2077343	-0.14860989	1034.5719	407.85645	1097.6855	2540.1138
05-02-2022 21:23	50.029816	243.88101	252.11848	242.56468	429.4327	427.8807	421.94986	24.32809	22.965021	21.920835	-0.17582822	-0.10186434	-0.20255305	-0.1593522	1037.2224	586.49603	1065.2	2688.9185
05-02-2022 21:24	49.99822	243.57173	251.91779	242.45845	428.88583	427.73587	421.57446	24.22041	22.945301	21.829576	-0.18123534	-0.103714295	-0.1978441	-0.15991808	1055.0997	596.194	1030.8477	2682.1414
05-02-2022 21:25	49.996445	243.49155	251.81989	242.33925	428.82153	427.43942	421.41986	23.324442	22.750032	21.861612	-0.21837975	-0.09327212	-0.20479763	-0.17141548	1233.4783	533.43286	1073.3314	2840.2422
05-02-2022 21:26	49.994633	243.81339	251.93665	242.9787	429.62625	427.95688	421.96707	23.474005	22.933811	22.960928	-0.23228449	-0.091334134	-0.15982082	-0.16080457	1310.7239	523.21747	875.22955	2709.171
05-02-2022 21:27	49.995537	243.81398	251.78197	242.77644	429.25003	427.70627	421.97308	23.515356	23.090876	22.86765	-0.22871804	-0.10334311	-0.12832162	-0.15340234	1292.6976	586.15265	703.8886	2582.739
05-02-2022 21:28	49.994564	243.83789	251.80914	242.79076	429.3813	427.70517	421.95724	23.51656	23.420727	22.87592	-0.22792698	-0.116686895	-0.12888728	-0.15822858	1293.2856	687.8759	705.54895	2686.7104
05-02-2022 21:29	50.045147	243.7824	251.70134	242.72055	429.30634	427.5725	421.76187	23.555534	23.578636	22.93011	-0.22866087	-0.14572825	-0.13509463	-0.17098425	1299.413	871.9585	743.2438	2914.6152
05-02-2022 21:30	50.038937	244.36554	252.19485	243.43092	430.2644	428.59357	422.87637	23.558321	23.208456	22.879707	-0.22961082	-0.11735257	-0.1315234	-0.15956442	1306.3796	679.25867	723.2649	2708.9033
05-02-2022 21:31	50.01855	243.66339	251.94121	243.18697	429.45648	428.17227	422.0294	23.571064	23.80738	23.42823	-0.22713873	-0.085004225	-0.11287326	-0.14090058	1290.1475	505.9629	635.37177	2431.482
05-02-2022 21:32	49.974636	243.93787	252.50232	243.27048	430.05078	428.5535	422.64224	23.562677	23.961086	23.518896	-0.2252484	-0.06147386	-0.10804169	-0.13026328	1278.9769	370.55847	609.4153	2258.9507
05-02-2022 21:33	49.965557	244.22404	253.06508	243.28496	430.76172	429.01144	422.9711	23.50658	23.990154	22.40941	-0.22369379	-0.06449311	-0.17734519	-0.15294538	1271.3759	389.5969	954.4764	2615.4492
05-02-2022 21:34	49.95756	244.57034	253.68933	243.14836	431.33676	429.3295	423.5176	23.562334	23.970177	22.429695	-0.22335969	-0.06303246	-0.17515199	-0.15124221	1262.7195	382.98996	941.2411	2586.9507
05-02-2022 21:35	49.96302	244.08916	253.09378	242.80563	430.54492	428.67963	422.50784	23.518639	24.523333	22.336721	-0.22339699	-0.087194555	-0.18568723	-0.16288827	1270.2834	545.6707	988.1451	2804.0994
05-02-2022 21:36	49.957787	244.49442	253.17284	243.83693	431.47955	429.42725	423.4492	23.575937	24.387096	22.39171	-0.22902405	-0.07657373	-0.17527834	-0.1579513	1304.4941	473.13513	947.09955	2724.8538
05-02-2022 21:37	49.952232	244.66318	252.90239	243.98088	431.36044	429.62222	423.44986	23.585558	23.947802	23.486387	-0.23157129	-0.054964297	-0.10628287	-0.12956849	1320.2361	331.34686	601.554	2253.137
05-02-2022 21:38	49.980053	245.19366	253.42416	244.42322	432.2556	430.2884	424.47333	23.606264	24.395142	23.532188	-0.2335363	-0.070092775	-0.10660529	-0.13527448	1337.7504	429.85	606.6082	2374.2087
05-02-2022 21:39	50.020218	245.18756	253.40462	244.45564	432.0766	430.46893	424.48444	23.699177	23.550642	23.530544	-0.23398305	-0.100460604	-0.10463336	-0.14599162	1342.7833	595.5471	594.66	2532.9905
05-02-2022 21:40	50.027977	245.50117	253.55962	244.52312	432.43042	430.68793	424.8399	23.674109	23.554209	23.508038	-0.23279071	-0.10097643	-0.11597293	-0.14950687	1336.7194	598.71405	658.7491	2594.1824
05-02-2022 21:41	50.046417	245.59435	253.63521	244.42497	432.71793	430.60355	424.7613	23.686127	23.49514	23.602465	-0.23347756	-0.09360746	-0.10596372	-0.14400439	1342.5469	552.8722	603.9926	2499.4116
05-02-2022 21:42	50.032436	245.49446	253.68091	244.32562	432.5781	430.59848	424.64075	23.674925	23.512234	23.080536	-0.2328142	-0.09664341	-0.13775182	-0.1553071	1336.6643	572.1084	766.76245	2675.535
05-02-2022 21:43	50.044025	245.65614	253.81847	244.69502	432.8835	431.1443	424.9494	23.696507	23.78648	23.095306	-0.23348828	-0.106798336	-0.13525055	-0.1580411	1342.5323	639.1977	754.3965	2736.1267
05-02-2022 21:44	50.039272	245.49059	254.09097	244.29187	432.8188	430.85843	424.78516	23.640644	23.282948	22.076494	-0.23129983	-0.090876065	-0.20868891	-0.17538811	1324.8721	534.58795	1108.5408	2968.001
05-02-2022 21:45	50.023426	245.30429	253.83034	244.16676	432.49863	430.42523	424.5455	23.658154	23.595322	21.975119	-0.22824916	-0.10095722	-0.2106959	-0.17810725	1306.7849	598.9794	1116.4844	3022.2485
05-02-2022 21:46	49.969677	244.63199	253.54877	243.54199	431.33566	429.81693	423.58252	23.586294	23.350336	22.003958	-0.22656117	-0.07854191	-0.20922796	-0.16948363	1291.4672	462.1953	1104.4879	2858.1504
05-02-2022 21:47	49.9387	244.68822	253.67519	243.52483	431.6964	429.67676	423.64804	23.557625	24.110832	22.041023	-0.22791706	-0.056230232	-0.21640466	-0.16347265	1302.7041	342.2972	1144.2489	2789.2502
05-02-2022 21:48	49.944336	245.58334	254.05397	244.63562	433.0292	430.91257	425.20752	23.621157	24.454983	23.002216	-0.23370326	-0.06212847	-0.13619006	-0.14171693	1334.352	383.64697	755.9929	2473.992
05-02-2022 21:49	49.912365	245.97084	254.35208	244.82436	433.17902	431.75986	425.72647	23.613796	24.128967	23.020933	-0.22714585	-0.047924895	-0.13187888	-0.13384657	1302.8579	292.38257	733.82196	2329.0625
05-02-2022 21:50	49.95507	245.85167	254.4934	244.58519	433.37814	431.35425	425.55585	23.6283	24.780693	22.937944	-0.2269227	-0.077612385	-0.14104973	-0.14657389	1302.4531	489.93634	774.3074	2566.6968
05-02-2022 21:51	49.935204	246.06291	254.37271	245.1285	433.65366	431.7119	426.01978	23.64716	24.268045	23.034735	-0.22789824	-0.048115943	-0.13201068	-0.13408732	1312.2106	297.03903	735.6273	2344.877
05-02-2022 21:52	49.93892	245.5966	254.31003	244.85455	433.16913	431.58493	425.24677	23.655922	24.637562	22.027714	-0.22611363	-0.066280976	-0.17336608	-0.1524087	1293.0713	394.37192	932.9364	2620.3796
05-02-2022 21:53	49.9038	246.11606	254.54759	244.62825	433.6194	431.64047	425.65897	24.436092	24.017641	22.006931	-0.17916247	-0.0476765	-0.17127888	-0.13155785	1067.2666	294.76874	910.14465	2272.18
05-02-2022 21:54	49.92819	246.92896	255.12749	245.3198	434.70718	432.794	427.02487	24.493685	23.298065	22.121162	-0.18265279	-0.07753554	-0.16762088	-0.1419257	1085.997	453.9007	891.5029	2431.4004
05-02-2022 21:55	49.979694	246.96515	255.4128	245.2788	434.9745	432.8005	427.23373	24.509247	23.726994	21.06361	-0.17833388	-0.09653645	-0.25066796	-0.17111999	1063.5592	588.54407	1282.8525	2934.9558
05-02-2022 21:56	50.02959	246.69241	256.23416	246.31293	435.76846	433.978	427.9998	24.577297	23.494602	21.285612	-0.17808211	-0.07981694	-0.24145739	-0.16286504	1070.0322	476.68884	1245.501	2792.2222
05-02-2022 21:57	50.05921	247.1255	256.4794	246.52457	436.269	434.3851	428.6314	24.695732	24.119396	20.757988	-0.1760032	-0.10131325	-0.2720603	-0.17791171	1063.2777	617.61	1369.5807	3050.4685
05-02-2022 21:58	50.08895	247.37476	256.8965	246.82587	436.7935	434.86044	429.30206	24.697496	24.11494	20.839128	-0.17605159	-0.11116325	-0.27554235	-0.18219805	1059.1359	684.85486	1396.789	3140.7798
05-02-2022 21:59	50.09133	247.69861	257.32788	247.4721	437.2292	436.1075	430.05066	24.730722	23.896954	21.811749	-0.17248338	-0.09274429	-0.20149155	-0.15347238	1041.686	569.536	1071.9106	2683.1328
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
05-02-2022 22:00	50.09451	247.97343	256.4186	246.97874	436.99002	435.1066	429.34616	24.690283	23.257011	21.6922	-0.17441136	-0.10394167	-0.19991238	-0.1580197	1053.918	633.5345	1055.5985	2743.0508
05-02-2022 22:01	50.107468	247.16515	255.84917	246.47871	435.76492	434.08954	428.3329	23.826351	23.532742	21.761967	-0.22361311	-0.11264063	-0.19944035	-0.17751919	1301.6985	671.8645	1053.8038	3027.3667
05-02-2022 22:02	50.05616	244.43866	254.11876	244.57121	431.94446	430.59933	424.61404	23.729544	23.868713	21.577406	-0.22134687	-0.07289544	-0.1996317	-0.1618488	1264.941	439.53516	1037.4065	2741.8826
05-02-2022 22:03	50.01666	240.92798	250.79285	241.47417	425.89664	425.42172	418.64352	23.470394	23.495768	21.39151	-0.21377507	-0.06704994	-0.2016842	-0.15806359	1193.1687	392.552	1025.9822	2611.703
05-02-2022 22:04	49.96337	239.00676	248.34312	239.04608	422.2868	421.2732	414.6301	23.307924	23.551044	21.125072	-0.21776845	-0.08447423	-0.20618352	-0.16665499	1189.1436	454.89038	1029.9822	2674.016
05-02-2022 22:05	49.914494	236.74338	246.05327	236.0191	417.9024	416.9594	410.20093	23.140873	23.606825	20.955421	-0.21253556	-0.0974691	-0.21421023	-0.17287228	1150.122	576.3134	1043.0282	2769.4634
05-02-2022 22:06	49.857937	235.37749	245.4117	235.06409	416.34857	414.75797	408.807	22.942875	22.919125	20.155298	-0.21180019	-0.07845807	-0.2882616	-0.18653655	1128.7244	434.87988	1342.2598	2905.8643
05-02-2022 22:07	49.87457	236.20528	244.99742	235.23105	416.45273	415.17026	409.30325	23.644886	23.151827	20.070465	-0.16944642	-0.08964047	-0.277049	-0.17263326	940.80554	503.61157	1295.1155	2739.5325
05-02-2022 22:08	49.856304	238.64322	248.38365	238.31915	421.74255	420.50455	414.11826	23.7729	23.476725	20.672434	-0.17089991	-0.08952279	-0.24812587	-0.16498865	956.23035	519.7705	1196.3546	2672.3555
05-02-2022 22:09	49.866253	246.38806	256.5623	246.46355	435.3998	434.68713	427.96384	22.851345	24.200378	21.592085	-0.2503442	-0.08140804	-0.22136553	-0.17968373	1390.1221	502.56128	1167.2657	3059.9492
05-02-2022 22:10	49.863617	248.23672	257.91263	248.39154	438.47986	437.3098	431.13733	23.707615	23.432865	22.734112	-0.22662471	-0.108947664	-0.1371144	-0.15730344	1313.1782	652.7841	762.7567	2728.7192
05-02-2022 22:11	49.911236	249.77962	258.43185	249.02461	440.168	439.23965	432.20605	23.796097	23.602886	22.829136	-0.22963548	-0.133577	-0.13534886	-0.16625719	1338.6254	813.5604	763.749	2915.9348
05-02-2022 22:12	49.92354	249.3916	257.8814	248.66516	439.50885	438.19867	431.65414	23.818165	23.777588	22.753494	-0.22764263	-0.13792078	-0.13489337	-0.16694121	1330.8754	835.9051	747.46313	2914.2434
05-02-2022 22:13	49.94772	249.19382	257.7141	248.69095	439.22528	438.0423	431.5053	23.810886	23.37058	23.884914	-0.22918956	-0.118062146	-0.10020337	-0.14885484	1340.4089	738.27814	586.85876	2665.546
05-02-2022 22:14	49.95826	249.41669	257.95685	248.78406	439.73233	438.06793	431.93686	23.890327	23.505463	23.884464	-0.2281728	-0.12210806	-0.10893357	-0.15281278	1342.6587	728.64197	631.31006	2702.6108
05-02-2022 22:15	50.008526	249.9855	258.27185	249.36388	440.63013	438.9365	432.7078	24.127937	23.51498	23.994991	-0.22473228	-0.11871054	-0.09848784	-0.14655074	1330.1385	705.04663	580.61676	2615.802
05-02-2022 22:16	50.042534	250.3221	258.9327	249.83313	441.25183	440.16574	433.40073	24.037148	23.513863	24.057272	-0.23170362	-0.118009396	-0.100052536	-0.14967048	1369.2478	733.8729	584.531	2687.6516
05-02-2022 22:17	49.993744	250.29538	259.35257	249.58922	441.4923	440.09314	433.4894	24.028425	24.372723	22.9164	-0.22711502	-0.09842975	-0.17201687	-0.16380215	1343.2532	603.4175	968.3773	2915.0479
05-02-2022 22:18	49.96799	250.13112	259.13217	249.44684	441.23285	439.63367	433.2927	23.95456	24.286114	22.813036	-0.22971566	-0.09512409	-0.16615409	-0.16226135	1354.8829	611.67395	935.01984	2901.577
05-02-2022 22:19	49.986736	250.46716	259.7348	249.87727	441.989	440.51752	434.02423	24.010763	24.828035	22.944454	-0.22837155	-0.11487458	-0.19285126	-0.17686045	1352.021	694.2272	1087.6917	3133.94
05-02-2022 22:20	49.983994	250.06104	259.72168	249.89212	441.6751	440.54434	433.61392	24.015873	25.126118	22.918474	-0.2298693	-0.09178969	-0.17184904	-0.16218668	1357.7598	573.7932	973.52844	2905.081
05-02-2022 22:21	49.99228	250.38152	260.0146	249.92429	442.13834	440.86414	433.94992	24.065695	25.017239	24.090973	-0.23148945	-0.08004978	-0.1020334	-0.13621375	1367.4395	476.6706	600.0158	2444.126
05-02-2022 22:22	50.018627	251.13795	260.15195	250.64653	443.1503	441.62842	434.97256	24.110355	24.659155	24.173683	-0.23270583	-0.0644043	-0.10659997	-0.13293631	1384.2118	397.85266	623.6925	2406.788
05-02-2022 22:23	50.02535	250.56032	259.6269	250.54086	442.07135	441.27823	434.30902	24.146725	25.20879	24.114153	-0.23041436	-0.08714009	-0.10033836	-0.13779701	1370.5183	528.0926	596.817	2495.428
05-02-2022 22:24	50.012676	250.7939	259.84863	250.56372	442.4679	441.3668	434.65027	24.117386	24.678604	24.017849	-0.2305875	-0.06546948	-0.10709088	-0.13279763	1306.8285	505.17352	2310.1511	4122.153
05-02-2022 22:25	50.001076	250.58057	259.61578	250.53389	442.20044	440.99014	434.46713	24.09507	23.860281	24.105885	-0.23191263	-0.09538018	-0.09966094	-0.14172111	1376.0743	586.11017	593.3073	2555.492
05-02-2022 22:26	50.024742	250.8027	259.71942	250.6131	442.4176	441.28668	434.65686	24.091187	24.366959	24.136887	-0.23317985	-0.113946825	-0.100043476	-0.1483895	1385.0879	712.5996	596.4968	2694.1843
05-02-2022 22:27	49.99695	250.7103	259.5102	250.58325	442.32352	441.0467	434.41742	24.065693	24.41478	24.042242	-0.23390691	-0.11712225	-0.10140844	-0.15019253	1381.2625	704.05786	602.1549	2687.4753
05-02-2022 22:28	49.979057	251.15686	260.0228	250.28639	442.7525	441.4055	434.7783	24.916138	23.955965	22.897015	-0.18319891	-0.081776716	-0.17068897	-0.14442661	1129.8542	518.50134	957.7085	2606.0642
05-02-2022 22:29	49.991924	250.87833	260.0352	250.25725	442.54718	441.37366	434.5054	24.908546	23.840153	22.892452	-0.18359673	-0.07854746	-0.17279327	-0.14396438	1122.5084	500.3033	960.79193	2583.6035
05-02-2022 22:30	50.005276	250.8681	259.92706	250.37573	442.55573	441.33267	434.53748	24.940336	23.90009	22.988508	-0.1837849	-0.075801186	-0.16605002	-0.14121541	1130.3975	463.45367	930.87866	2524.4175
05-02-2022 22:31	50.01235	251.80234	260.10883	251.00737	443.62762	442.0273	435.79453	25.023037	23.975197	24.193226	-0.18741229	-0.07179774	-0.099564716	-0.11984245	1155.4434	431.6656	589.0489	2176.158
05-02-2022 22:32	49.982204	251.41374	259.75208	250.64885	442.9453	441.40674	435.18494	24.963034	23.816072	24.156065	-0.18572578	-0.07028947	-0.103396416	-0.11988019	1144.5255	430.87726	616.2362	2191.6392
05-02-2022 22:33	49.96921	251.16467	259.9711	250.64813	442.85068	441.6084	435.02637	24.987988	25.073647	24.052898	-0.18559018	-0.060937755	-0.104956575	-0.117152825	1144.2251	403.73828	629.0548	2177.018
05-02-2022 22:34	49.973557	251.07947	259.8144	250.51984	442.81665	441.14114	434.88397	24.980053	25.4943	23.473413	-0.18676725	-0.08678382	-0.13194008	-0.12840134	1143.2672	476.21982	756.4149	2375.9019
05-02-2022 22:35	49.968716	251.28868	259.9046	250.38187	443.02295	441.108	434.99072	24.951727	24.731977	23.542221	-0.1838415	-0.050027337	-0.12775153	-0.1201991	1140.6431	326.16165	741.4423	2208.247
05-02-2022 22:36	49.966145	251.1764	260.2831	250.19252	443.04126	441.25858	434.95493	24.093943	24.709133	23.52615	-0.23299257	-0.04764068	-0.12755631	-0.13400078	1386.2721	304.31393	739.0787	2429.6648
05-02-2022 22:37	49.96255	250.89673	260.36682	250.13562	442.71732	441.45688	434.64566	24.088493	24.696589	23.522156	-0.22451043	-0.046909593	-0.12438546	-0.1295099	1329.1997	297.83105	720.05646	2347.0872
05-02-2022 22:38	49.979244	250.75748	260.25647	250.14806	442.6267	441.3191	434.4643	23.990734	24.624395	22.400517	-0.2209487	-0.044401232	-0.19699925	-0.1503836	1303.9478	288.11652	1095.1564	2687.2205
05-02-2022 22:39	49.969276	250.8993	260.3081	250.25426	442.79324	441.52783	434.60928	24.002953	24.957779	22.28329	-0.22196946	-0.061736412	-0.19868311	-0.15700492	1316.1473	391.16217	1083.1725	2790.4822
05-02-2022 22:40	50.02855	251.18643	258.63776	250.809	442.30557	440.57166	434.6103	24.035929	24.814041	22.236116	-0.23204929	-0.29223493	-0.1824188	-0.18269116	1334.3909	885.50916	1020.51904	3240.419
05-02-2022 22:41	50.026283	250.7175	260.05978	250.16197	442.46072	441.24313	434.32172	23.986813	24.416359	22.37983	-0.2231114	-0.10080323	-0.19213177	-0.17013489	1316.3174	619.75195	1047.5431	2983.6123
05-02-2022 22:42	50.034237	251.34735	260.56403	251.02072	443.36972	442.51163	435.59393	24.070456	24.040333	23.651253	-0.22293513	-0.077944025	-0.13959488	-0.14585003	1333.6228	503.1445	814.60144	2648.4937
05-02-2022 22:43	50.028748	251.63387	260.63242	251.1196	443.77368	442.66394	435.8249	24.06965	23.914696	23.672018	-0.22451513	-0.07171753	-0.13670674	-0.14342092	1331.1719	444.637	803.59375	2579.4023

05-02-2022 22:44	50.016754	251.7305	260.2657	250.88513	443.6838	442.07623	435.62744	24.101343	24.277935	23.564672	-0.22493024	-0.08615888	-0.14489368	-0.15156487	1339.0098	547.9654	845.21185	2732.187
05-02-2022 22:45	49.97733	251.77754	260.17468	250.90729	443.7037	442.08963	435.55795	24.0716	24.13876	23.629618	-0.2252506	-0.08075909	-0.13817582	-0.1473776	1342.6338	503.28925	805.7703	2651.6934
05-02-2022 22:46	49.96852	252.15358	260.52713	251.49481	444.36343	442.92963	436.33704	24.037502	23.883984	24.259241	-0.22705516	-0.06910397	-0.11248519	-0.13530914	1350.8071	426.78574	674.8778	2452.4707
05-02-2022 22:47	49.941456	252.03923	260.37427	251.36272	444.24524	442.60803	436.08514	24.04272	23.961218	24.129578	-0.22773977	-0.06911103	-0.09549678	-0.12994649	1355.0044	426.9632	570.3359	2352.3035
05-02-2022 22:48	49.926037	252.2981	260.4498	251.34877	444.4518	442.51965	436.51764	24.036543	24.189636	22.940578	-0.22875212	-0.1232999	-0.13022764	-0.16068386	1354.7915	743.2594	761.4308	2859.482
05-02-2022 22:49	49.924442	252.15524	261.11023	251.01085	444.77792	442.9005	436.1306	24.008677	24.571856	21.822464	-0.22186744	-0.08082401	-0.21539833	-0.1692226	1318.593	522.9162	1153.7855	2995.295
05-02-2022 22:50	49.8999	252.56126	261.3066	251.14384	445.35974	443.14862	436.57465	24.021456	24.364336	21.756086	-0.2230668	-0.07222599	-0.20466672	-0.16350918	1328.6761	456.86093	1107.2179	2892.7551
05-02-2022 22:51	49.895756	253.1796	261.704	251.6968	446.42056	443.69174	437.68265	24.065811	24.78378	21.982319	-0.22558796	-0.08631889	-0.20275207	-0.16847979	1348.6302	554.0864	1100.2833	3003
05-02-2022 22:52	49.94786	253.14497	261.89594	251.39737	446.26144	443.72473	437.56378	24.113977	24.687485	21.945919	-0.22262907	-0.082282655	-0.20502912	-0.16667579	1331.8396	526.60394	1113.0333	2971.477
05-02-2022 22:53	49.96572	253.5243	261.98334	251.93951	446.79166	444.35287	438.15363	24.189684	24.764317	23.059628	-0.22960098	-0.07746886	-0.13072383	-0.14467184	1382.0303	497.3932	747.2549	2626.6785
05-02-2022 22:54	50.012974	253.73912	262.07675	252.3959	446.9239	445.02383	438.6738	24.202108	24.422884	23.07434	-0.23140076	-0.0841333	-0.13641849	-0.14972708	1393.0068	543.23914	780.62866	2716.8748
05-02-2022 22:55	50.040043	253.88121	262.1371	252.7806	447.48077	445.22842	438.92944	24.313015	24.92007	23.09736	-0.23069045	-0.09995052	-0.1294767	-0.15260069	1398.3103	643.4507	746.36163	2787.2476
05-02-2022 22:56	50.019993	253.95619	262.0382	252.60834	447.18713	445.19568	438.91595	24.28616	24.169537	23.096474	-0.23224233	-0.13477278	-0.12892537	-0.16558762	1400.4047	839.83813	739.78546	2980.028
05-02-2022 22:57	50.036686	254.2052	262.14813	252.65051	447.60184	445.21982	439.1715	24.246174	23.564632	23.16889	-0.23268409	-0.110656716	-0.13440707	-0.15946166	1401.2241	669.9901	758.15063	2829.3647
05-02-2022 22:58	50.06078	254.36295	262.5261	252.68184	447.99724	445.40662	439.56934	24.294094	24.029491	22.581905	-0.23128042	-0.13016412	-0.17275919	-0.1777339	1403.2576	812.5489	968.3167	3184.1233
05-02-2022 22:59	50.034706	254.48328	262.79205	252.96397	448.2487	446.10422	439.78165	24.290083	23.641184	22.58612	-0.22914708	-0.11846374	-0.17291172	-0.17319423	1389.1357	730.7555	971.24255	3091.1338
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
05-02-2022 23:00	49.99915	254.13612	262.4839	252.3731	447.73572	445.25485	438.98715	24.161922	23.352308	21.516788	-0.22771439	-0.11172286	-0.24410032	-0.19229515	1373.6125	680.54803	1305.8656	3360.0264
05-02-2022 23:01	49.975567	254.58817	263.0929	252.82909	448.6192	446.25107	439.7374	24.142815	23.396227	21.488571	-0.22959866	-0.114033975	-0.23754758	-0.19173603	1388.396	696.7829	1270.151	3355.3298
05-02-2022 23:02	49.99063	254.75792	263.16254	253.01314	448.83362	446.35364	440.15027	24.199762	23.439613	21.538666	-0.22897391	-0.117030315	-0.23866092	-0.19281773	1389.2882	724.90326	1296.5171	3410.7085
05-02-2022 23:03	49.984188	254.99274	263.23013	253.35432	449.13165	446.788	440.5328	24.183788	24.00894	21.494278	-0.23091562	-0.13701893	-0.24791017	-0.20281482	1397.0446	843.6874	1334.5172	3575.249
05-02-2022 23:04	49.976555	255.48488	263.72507	253.88634	449.9219	447.71463	441.4463	25.172634	24.430218	22.629444	-0.18771797	-0.08672099	-0.1663505	-0.14691094	1186.3276	575.7062	931.81616	2693.8499
05-02-2022 23:05	49.97911	255.37097	263.5444	253.80234	449.58	447.54663	441.2993	25.209332	24.566229	22.613144	-0.18562457	-0.095020086	-0.16637538	-0.14805384	1172.6417	589.56934	934.1365	2696.3477
05-02-2022 23:06	49.99514	255.47168	263.6811	254.04263	449.8571	447.83112	441.56497	25.241844	24.627815	22.64948	-0.18612932	-0.09364101	-0.16567825	-0.14756064	1179.7988	602.40173	937.8381	2720.0388
05-02-2022 23:07	49.9822	255.26744	263.79486	253.45737	449.6232	447.30615	441.15298	25.249708	24.899971	22.6591	-0.18404645	-0.07176713	-0.168129	-0.13957356	1165.3447	468.78268	949.81134	2583.9385
05-02-2022 23:08	49.993103	255.44057	264.06058	253.85233	449.99274	447.89035	441.6428	25.23661	24.805653	23.700733	-0.18581563	-0.054526646	-0.13778561	-0.12513341	1176.6884	354.65024	816.3789	2347.7175
05-02-2022 23:09	50.031292	255.37209	264.20514	254.41727	450.2646	448.59946	441.77643	25.303104	25.181908	23.825745	-0.18630365	-0.06746555	-0.13131377	-0.12816373	1184.6609	457.20187	781.5992	2423.462
05-02-2022 23:10	50.05627	256.07404	264.4344	254.65428	451.08936	448.92288	442.6487	25.34457	25.586937	23.897993	-0.18876022	-0.064252235	-0.12839589	-0.12606904	1200.5209	435.5333	772.1191	2408.1733
05-02-2022 23:11	50.048588	256.12595	264.70547	254.31139	451.17368	449.0857	442.3729	25.240852	24.390993	22.187223	-0.18508479	-0.08674303	-0.22448464	-0.16260487	1172.0952	531.03406	1246.6705	2949.7998
05-02-2022 23:12	50.06356	255.81993	264.65393	254.47417	451.18268	448.95636	442.1564	24.361977	24.030693	22.160435	-0.23127587	-0.06509505	-0.22900966	-0.17220686	1417.5104	411.49197	1269.854	3098.8564
05-02-2022 23:13	50.03572	255.97046	264.60788	254.5669	451.32162	448.79892	442.51123	24.346333	24.044249	22.155178	-0.22950326	-0.06334834	-0.23403552	-0.17256562	1404.8933	399.7037	1296.6902	3101.287
05-02-2022 23:14	50.01932	255.7321	264.48062	254.49644	450.91168	448.7142	442.2508	24.30557	24.452164	22.171349	-0.23146208	-0.08276295	-0.22747153	-0.17745359	1417.3241	526.5679	1258.168	3202.06
05-02-2022 23:15	49.988083	255.86421	264.32104	254.8053	450.9445	448.93207	442.48666	24.216135	23.928041	23.406813	-0.22915034	-0.058560938	-0.18106146	-0.15489076	1393.3031	369.6053	1046.9783	2809.8865
05-02-2022 23:16	50.00148	256.05734	264.44815	254.92226	451.32535	449.12943	442.6669	24.294296	24.371178	23.309227	-0.22908583	-0.07358883	-0.17331801	-0.15523915	1392.486	433.22537	1011.94543	2837.6567
05-02-2022 23:17	49.999756	255.52176	263.89545	254.69075	450.3903	448.49875	441.94565	24.258158	24.813616	23.272678	-0.22857735	-0.09547191	-0.17214136	-0.16390684	1388.4382	580.1232	1004.4802	2973.0417
05-02-2022 23:18	50.022854	255.75957	264.18933	254.83215	450.86307	448.83908	442.29895	24.337385	24.71597	23.149244	-0.22756511	-0.08537972	-0.16031371	-0.15640567	1392.1669	556.94086	931.80896	2880.9167
05-02-2022 23:19	50.029842	255.97116	264.8412	255.18471	451.49283	449.68546	442.9298	24.376509	25.485077	23.242218	-0.22643052	-0.05411132	-0.15529254	-0.14220557	1382.7288	361.34323	905.91614	2649.988
05-02-2022 23:20	50.002495	255.68394	264.53934	254.79785	451.15466	449.01038	442.25427	24.321072	25.274757	23.170452	-0.22634386	-0.048962053	-0.15416555	-0.14032142	1381.0437	324.40933	895.91895	2601.372
05-02-2022 23:21	50.001614	255.48218	264.53708	254.25916	450.75748	448.56137	441.815	24.278759	25.353582	22.126844	-0.22371314	-0.05540611	-0.23645268	-0.16646619	1362.4487	367.60226	1311.5729	3041.6238
05-02-2022 23:22	49.99452	255.47394	264.76028	253.70575	450.74664	448.23734	441.56473	24.248827	24.93395	22.0387	-0.22055966	-0.040584538	-0.23302323	-0.15929228	1343.9398	266.17914	1279.4276	2889.5464
05-02-2022 23:23	49.978146	255.46942	264.65286	253.74939	450.79947	448.06552	441.56433	24.286552	24.984503	22.586357	-0.22221425	-0.039404072	-0.19844908	-0.14927484	1353.4998	258.68842	1117.9994	2730.1875
05-02-2022 23:24	49.993134	255.39746	264.38873	254.3573	450.6686	448.4592	441.77112	24.267109	25.561008	22.603508	-0.22663988	-0.06512953	-0.19724615	-0.16197212	1379.6229	475.42255	1117.661	2972.7063
05-02-2022 23:25	50.019035	255.44585	264.5258	254.86333	450.8045	449.02698	442.26273	24.328844	25.615828	24.390623	-0.2283598	-0.06125064	-0.09502096	-0.12605746	1399.6597	427.95407	587.25183	2414.8657
05-02-2022 23:26	50.02944	255.77539	264.67343	255.0654	451.1672	449.48453	442.6207	24.330029	24.351511	24.440998	-0.22810718	-0.07430104	-0.09290698	-0.13084415	1393.172	482.13495	564.07556	2439.3826
05-02-2022 23:27	50.01162	256.25903	264.64783	255.2414	451.76523	449.52454	443.07925	24.33426	24.421339	24.32616	-0.22865327	-0.075121656	-0.100031145	-0.13370211	1400.2395	481.3062	612.4117	2493.9573
05-02-2022 23:28	50.031723	256.17053	264.7252	255.02422	451.57062	449.4814	442.9228	24.296669	24.243052	24.468079	-0.22918525	-0.0693048	-0.09709093	-0.13090499	1400.6073	441.6499	597.4154	2439.6726
05-02-2022 23:29	50.013386	256.21124	264.78265	255.15916	451.6528	449.63824	443.0868	24.2978	24.32441	24.416195	-0.2295892	-0.071350165	-0.09328997	-0.12950605	1405.1194	433.81866	565.2006	2404.1387
05-02-2022 23:30	50.022255	256.17404	264.71567	254.96852	451.58817	449.49225	442.78958	24.300922	24.058302	24.45956	-0.2273735	-0.060751814	-0.09441262	-0.12672874	1395.0756	379.0955	580.64465	2354.8157
05-02-2022 23:31	50.02502	256.46887	264.95416	255.34059	452.15765	449.92572	443.3534	24.37534	24.421364	24.424347	-0.23223074	-0.07263807	-0.09439709	-0.13222021	1426.6306	465.6451	580.0889	2472.3647
05-02-2022 23:32	50.012627	256.2475	265.12347	254.96333	451.91876	449.78815	442.98883	24.329996	24.717848	23.116108	-0.23101366	-0.092377834	-0.16805285	-0.16240019	1413.9187	597.2578	974.31854	2985.495
05-02-2022 23:33	49.970367	256.32687	264.99582	254.67064	451.6805	449.56638	442.85815	24.207602	24.446804	23.160288	-0.23217392	-0.07863289	-0.15831469	-0.15510035	1417.4084	503.06055	919.90204	2840.371
05-02-2022 23:34	49.94256	256.3502	265.04843	254.85754	451.65488	449.80936	443.09412	24.30415	25.000828	23.237843	-0.22934997	-0.0412069	-0.15904482	-0.14083333	1407.7695	281.7293	918.39746	2607.896
05-02-2022 23:35	49.948048	256.3379	265.08838	254.98589	451.9546	449.74475	443.12952	24.15229	23.603403	23.06134	-0.2460948	-0.33244896	-0.1538796	-0.24305849	1496.14	2000.5902	887.916	4384.6465
05-02-2022 23:36	49.969124	256.5482	265.0162	255.42012	451.95944	450.3056	443.55417	24.316853	24.57621	24.495123	-0.23446852	-0.057595845	-0.09906659	-0.12901023	1439.4025	381.58066	610.1038	2431.087
05-02-2022 23:37	49.95149	256.68103	265.16202	255.1026	452.1296	450.0979	443.52493	24.301785	24.479572	24.33404	-0.23443618	-0.07972564	-0.099212036	-0.13692215	1443.0597	506.01196	607.8108	2556.8826
05-02-2022 23:38	50.004562	256.941	265.6588	255.48422	452.90216	450.64288	444.178	24.42132	24.758175	24.416964	-0.23292023	-0.0909443	-0.100050345	-0.1403301	1435.7537	594.9746	615.12836	2645.8567
05-02-2022 23:39	50.022533	257.1838	265.5161	256.0239	453.23755	450.9685	444.6234	24.466879	25.256903	24.468061	-0.23714462	-0.10324163	-0.093486734	-0.14366542	1463.9574	682.1083	577.5456	2723.611
05-02-2022 23:40	50.023415	257.59863	265.6204	256.15985	453.63626	451.31354	445.01532	24.476906	24.984133	24.513245	-0.23622707	-0.093651205	-0.092447266	-0.13985379	1463.082	613.1033	570.4491	2646.6345
05-02-2022 23:41	50.072014	258.30066	265.8752	256.43832	454.25177	451.92368	445.9274	25.380001	23.829344	24.588207	-0.19251144	-0.116001874	-0.0890589	-0.13271555	1233.4545	728.80096	553.1579	2515.413
05-02-2022 23:42	50.065365	257.7743	265.4071	255.7622	453.52557	451.02704	444.66205	25.33867	23.702965	24.480618	-0.1908215	-0.11223841	-0.09603525	-0.13358097	1223.8296	699.5687	592.9491	2516.3474
05-02-2022 23:43	50.055264	257.6228	265.41962	255.31772	453.20767	450.366	444.6252	25.31701	24.01849	22.218777	-0.18801764	-0.12498853	-0.2052394	-0.17066714	1203.337	766.983	1149.1147	3119.4348
05-02-2022 23:44	50.05117	257.55014	265.53992	255.40198	453.45142	450.53232	444.44788	25.29722	23.880117	22.21534	-0.18825692	-0.12185729	-0.19657159	-0.16794603	1199.862	762.1203	1091.6318	3053.6143
05-02-2022 23:45	50.01204	257.414	265.4689	255.21759	453.13425	450.44455	444.17572	25.259033	23.944553	22.22247	-0.1872695	-0.12746419	-0.20027617	-0.1705925	1196.2222	803.63837	1115.8799	3115.7402
05-02-2022 23:46	49.98403	257.11746	265.20178	255.0574	452.63016	450.12155	443.74902	25.21269	24.31014	22.217365	-0.18930003	-0.14215073	-0.2073635	-0.17838688	1205.5529	904.66516	1152.949	3263.167
05-02-2022 23:47	49.970413	257.40326	265.27896	255.64299	453.1228	450.72076	444.29947	25.243385	24.258966	23.311703	-0.19264261	-0.13463108	-0.13228752	-0.153808	1219.8455	840.59174	775.2954	2835.7324
05-02-2022 23:48	49.92251	257.17307	265.14893	255.50998	452.93524	450.4674	443.88763	25.184517	23.604343	23.285543	-0.19082585	-0.113350295	-0.13880178	-0.14819443	1214.2755	697.75525	826.8263	2739.7947
05-02-2022 23:49	49.927406	257.0174	265.66238	255.68423	453.31622	450.59186	444.29913	24.368607	24.602455	22.748055	-0.23885734	-0.08648462	-0.16885605	-0.163187	1467.8566	539.5387	966.19666	2973.5918
05-02-2022 23:50	49.904278	256.76617	265.20557	255.29106	452.48795	449.99905	443.81165	24.311045	24.826967	22.636528	-0.23620327	-0.096900396	-0.16389005	-0.1642455	1449.769	638.78125	934.13446	3022.6846
05-02-2022 23:51	49.940487	256.64822	265.5299	255.45255	452.7898	450.46967	443.68195	24.31388	24.729065	22.702618	-0.23520596	-0.092786886	-0.16303335	-0.16217105	1442.962	591.6075	928.971	2963.5405
05-02-2022 23:52	49.934425	256.75687	265.60217	255.62666	452.84735	450.6773	444.02893	24.31313	24.64827	22.675545	-0.23466071	-0.09122958	-0.16402929	-0.16088647	1433.3362	579.10767	936.53394	2948.9775
05-02-2022 23:53	49.952602	257.2149	265.9379	255.31277	453.51184	450.7684	444.11017	24.31381	25.20924	22.619913	-0.22892946	-0.09292536	-0.17501038	-0.16343753	1404.8657	627.48413	993.0334	3021.1958
05-02-2022 23:54	50.007217	257.52252	266.2502	255.74844	454.07935	451.2936	444.84253	24.354404	25.111118	21.655586	-0.22649594	-0.08667009	-0.23715644	-0.1788559	1392.446	579.0381	1276.3082	3247.7925
05-02-2022 23:55	50.013786	257.88232	266.97424	255.90483	454.83853	452.10388	445.42383	24.388092	25.405891	21.744072	-0.2246811	-0.05898368	-0.23540759	-0.16720371	1383.6931	371.10062	1285.5321	3040.326
05-02-2022 23:56	50.054173	258.08133	267.13565	256.14993	455.31628	452.49442	445.6079	24.488972	25.502913	21.816277	-0.22644052	-0.058017895	-0.23559138	-0.1674729	1400.3112	391.29108	1294.2117	3085.814
05-02-2022 23:57	50.057537	258.40485	266.98203	256.759	455.59637	452.8878	446.27887	24.39238	24.489235	22.84339	-0.22637597	-0.07850072	-0.1655414	-0.15541576	1403.719	508.58386	953.1057	2865.4087
05-02-2022 23:58	50.060715	258.6051	267.2043	256.78757	455.82904	453.21777	446.49927	24.478596	24.418045	22.942554	-0.22817446	-0.076041445	-0.1602954	-0.15315564	1408.6937	492.0978	926.7738	2827.5654
05-02-2022 23:59	50.04549	258.62726	267.3464	256.8015	455.8591	453.29318	446.70023	24.47544	24.52835	22.957733	-0.22693993	-0.08168446	-0.16423413	-0.15628827	1408.3344	515.45026	946.7929	2870.5774
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
06-02-2022 00:00	50.033844	259.99582	268.5259	258.15292	458.07217	455.51404	449.01917	24.5681	24.573927	23.596806	-0.23050012	-0.07667198	-0.1334345	-0.14648718	1438.3633	511.47058	797.47363	2747.3076
06-02-2022 00:01	50.022007	261.12744	269.65338	259.4184	460.2576	457.49963	450.95386	24.806877	25.009361	23.685184	-0.22988631	-0.089823335	-0.13360125	-0.15023778	1451.0837	598.53406	804.5571	2854.1748
06-02-2022 00:02	50.030437	259.76736	268.36356	258.189	457.92313	455.3695	448.6997	24.679562	24.522533	23.541014	-0.22813492	-0.07348882	-0.140549	-0.1463119	1426.3799	479.9852	837.273	2743.638
06-02-2022 00:03	50.02535	259.909	268.59943	259.0059	458.6555	456.18042	449.2245	24.657753	24.634724	24.714203	-0.23244904	-0.07470389	-0.10562525	-0.13653928	1455.1179	490.59882	663.8782	2609.595
06-02-2022 00:04	50.014553	260.27213	269.10947	259.11823	459.31412	456.64008	449.81363	24.637447	24.526333	23.6536	-0.23034255	-0.06982486	-0.17345591	-0.15638755	1434.447	469.68716	1043.9028	2953.2246
06-02-2022 00:05	49.97786	259.9774	268.98404	259.05347	458.8696	456.34314	449.711	24.69864	25.65989	23.558664	-0.22900787	-0.050233882	-0.16475989	-0.14484788	1433.0072	317.41006	994.62366	2745.041
06-02-2022 00:06	49.953255	258.76096	267.65448	257.82446	456.8293	454.11908	447.4381	24.483154	25.332531	23.404894	-0.22959761	-0.044031013	-0.16455816	-0.14312303	1426.5272	295.91238	975.3625	2697.8022
06-02-2022 00:07	49.93769	258.08484	267.11432	256.87057	455.50632	453.0759	446.05093	24.368935	25.181696	23.430021	-0.22848423	-0.04467463	-0.17146838	-0.14507712	1406.25	317.62958	1004.5016	2728.381
06-02-2022 00:08	49.95325	257.64587	266.66168	256.41876	454.74863	452.2936	445.26425	24.404427	25.611149	24.454227	-0.23074879	-0.05906915	-0.10820444	-0.13036302	1418.8298	397.6268	662.7295	2479.186

06-02-2022 00:09	49.940594	257.48538	266.4685	256.2909	454.46075	451.87427	445.13403	24.446566	25.65746	24.507198	-0.2336837	-0.06300489	-0.10123675	-0.13240504	1433.1984	455.48846	638.318	2527.005
06-02-2022 00:10	49.951065	257.50204	266.121	256.2729	454.1237	451.79468	444.94754	24.435339	25.101492	24.635336	-0.2327822	-0.03802992	-0.10058857	-0.12256437	1437.3699	263.75714	629.4938	2330.6206
06-02-2022 00:11	49.938175	257.59384	266.0574	256.04318	453.92694	451.7392	444.85193	24.398325	25.320354	24.524984	-0.23404387	-0.047413282	-0.09856314	-0.12463915	1444.6448	316.2066	609.6416	2370.493
06-02-2022 00:12	49.974842	257.83655	266.0619	256.14078	454.11673	451.79257	445.2036	24.420187	24.492176	24.533688	-0.23598789	-0.07828846	-0.0958411	-0.13579667	1449.3137	529.8952	592.2718	2574.0432
06-02-2022 00:13	49.983974	257.50638	266.09998	256.07523	453.8707	451.70013	444.92313	24.381126	24.423658	24.434784	-0.23672825	-0.077626884	-0.10233845	-0.13794182	1456.8174	511.67874	632.49927	2600.9956
06-02-2022 00:14	50.005825	257.557	266.05368	255.89442	453.7226	451.50653	444.95712	24.416683	24.472925	23.926706	-0.23291877	-0.081312366	-0.1249053	-0.14556056	1439.8973	518.099	753.3057	2711.3018
06-02-2022 00:15	50.033134	258.2436	266.6206	256.068	454.7808	452.24252	445.63858	24.483093	24.83149	22.853632	-0.23109245	-0.09683601	-0.19866534	-0.1725204	1433.77	608.3268	1135.04	3177.1367
06-02-2022 00:16	50.019356	258.5926	266.68292	255.98412	455.02078	452.28723	445.92026	25.393871	24.81098	22.767775	-0.18730366	-0.09774144	-0.19263262	-0.15763587	1205.0508	617.9697	1087.6354	2910.6558
06-02-2022 00:17	50.004295	258.7355	266.81854	256.02512	455.21054	452.48663	446.085	25.386425	24.339487	22.783955	-0.18701386	-0.080153145	-0.19182184	-0.15148908	1203.3287	525.6633	1093.3833	2824.094
06-02-2022 00:18	50.024494	258.71625	266.81326	256.1227	455.27148	452.4165	446.21878	25.420612	24.27718	22.796429	-0.18579555	-0.07708465	-0.19987613	-0.15256274	1200.0027	505.7709	1138.6753	2844.4487
06-02-2022 00:19	49.963665	258.5347	266.36407	256.34912	454.7619	452.41736	446.02615	25.357864	24.440277	23.903435	-0.19248325	-0.106270194	-0.13056931	-0.14296518	1236.7085	681.17175	784.2953	2702.1755
06-02-2022 00:20	49.93592	258.16278	266.2216	256.05203	454.58252	451.7916	445.4277	25.340519	25.069687	23.915834	-0.19069864	-0.06654058	-0.12503256	-0.12678897	1217.1914	430.30273	755.3797	2402.8738
06-02-2022 00:21	49.92351	258.08035	266.42786	256.23135	454.59247	452.05368	445.67844	25.325363	25.013037	23.866058	-0.18988666	-0.06305068	-0.12518124	-0.12633802	1223.647	441.0108	750.6475	2415.3054
06-02-2022 00:22	49.903496	257.89032	266.1477	256.07635	454.2506	451.39832	445.5866	25.335949	25.548594	23.85869	-0.19068879	-0.09110144	-0.12610899	-0.13539684	1222.5979	614.40753	757.18384	2594.1895
06-02-2022 00:23	49.92047	258.3772	266.7561	256.1833	455.26797	452.2588	445.80173	25.368517	25.487558	23.825191	-0.1903542	-0.08348859	-0.13165721	-0.13440175	1223.8115	562.8997	789.4538	2576.1648
06-02-2022 00:24	49.97068	258.4644	266.76346	256.52914	455.143	452.64893	446.29453	24.478458	24.929085	23.85906	-0.239534	-0.09750612	-0.13688809	-0.15690729	1485.3107	643.45044	823.0137	2951.775
06-02-2022 00:25	49.930832	258.2436	266.35175	256.68793	454.70886	452.3463	446.20673	24.44665	24.661663	23.829899	-0.23968825	-0.08508912	-0.12504907	-0.1489898	1483.2642	555.5622	752.4165	2791.2427
06-02-2022 00:26	49.957634	258.07135	266.56268	256.07898	454.62442	452.06494	445.5907	24.42295	24.655407	22.1552	-0.23124509	-0.091515146	-0.22403826	-0.17913832	1429.2009	601.5687	1250.6335	3281.4033
06-02-2022 00:27	49.967056	258.11734	266.19812	256.25833	454.41574	451.99265	445.62878	24.382328	23.7999	22.120564	-0.2334648	-0.11771529	-0.21956016	-0.18882062	1440.6578	753.775	1227.545	3421.9778
06-02-2022 00:28	49.973743	258.61243	266.954	256.65027	455.42538	452.92432	446.5335	24.362185	23.802254	22.10857	-0.23428507	-0.121598616	-0.22634894	-0.19249548	1446.6709	771.0552	1259.2794	3477.0054
06-02-2022 00:29	49.985767	258.53558	266.98853	256.6315	455.35318	453.04004	446.38623	24.330387	23.85871	22.183708	-0.23494647	-0.12149628	-0.22922069	-0.19348945	1448.8359	768.53876	1281.4207	3498.7952
06-02-2022 00:30	50.017384	258.73132	267.03745	257.23248	455.80933	453.51535	446.91776	24.481903	24.423868	23.361523	-0.23552619	-0.13539101	-0.152549	-0.17434865	1463.3751	873.5044	901.07214	3237.9517
06-02-2022 00:31	50.006798	258.42685	266.88074	257.05054	455.3401	453.25253	446.53598	24.426346	23.829096	23.371223	-0.23513167	-0.11477698	-0.14973664	-0.16646281	1456.535	725.3289	883.9973	3065.8613
06-02-2022 00:32	49.9524	258.51163	266.60364	256.82556	455.4038	452.5543	446.44476	24.3549	23.873402	23.294313	-0.23242025	-0.117849804	-0.15657187	-0.16870672	1431.2633	743.8833	920.4474	3095.5938
06-02-2022 00:33	49.960354	258.8422	266.60733	256.92792	455.4657	452.89703	446.79633	24.382729	23.863905	23.323498	-0.23275837	-0.11505818	-0.15172967	-0.16636412	1436.2816	725.7266	892.5623	3054.5706
06-02-2022 00:34	49.956722	258.81985	266.41373	256.8959	455.32336	452.62543	446.77866	24.3839	24.2229	23.171358	-0.23215587	-0.12838958	-0.15680933	-0.17226031	1434.5538	818.74457	916.9009	3170.1992
06-02-2022 00:35	49.94386	258.24405	266.12408	256.31168	454.6618	451.9656	445.59506	24.390944	25.170437	23.26958	-0.23092368	-0.10116379	-0.15411331	-0.16071251	1424.3975	670.0515	902.92975	2997.3784
06-02-2022 00:36	49.964947	258.23563	266.7159	256.22086	454.84134	452.26715	445.9649	24.312222	24.584663	22.301548	-0.22672196	-0.064637564	-0.2384045	-0.17249283	1394.7559	421.20236	1335.4673	3151.4255
06-02-2022 00:37	49.925453	258.47507	266.98257	256.46985	455.2492	452.78635	446.3468	24.390667	25.340866	22.7052	-0.22855562	-0.09608468	-0.19930616	-0.1717711	1410.9673	643.4942	1139.5509	3194.0122
06-02-2022 00:38	49.93139	258.95853	267.35306	256.52078	455.9694	452.89206	447.0837	24.417686	25.285795	21.735132	-0.22617081	-0.09226841	-0.24596062	-0.18474157	1404.0978	641.0049	1342.235	3387.3376
06-02-2022 00:39	49.930126	258.67636	267.50052	255.85985	455.61716	452.83514	446.12527	24.3651	24.645632	21.754711	-0.22414856	-0.06804823	-0.25520644	-0.17725947	1369.3031	443.7226	1376.822	3189.8481
06-02-2022 00:40	49.945908	258.6099	266.893	256.7012	455.48172	453.01184	446.37088	24.408325	24.81073	23.43158	-0.23008764	-0.06668435	-0.13598156	-0.14274906	1415.6304	448.41528	799.0594	2663.1052
06-02-2022 00:41	49.982952	258.26703	266.47366	256.3211	454.74408	452.2999	445.83972	24.395443	24.973948	23.429033	-0.23084748	-0.07352606	-0.13720559	-0.14595184	1424.9757	494.75314	804.7058	2724.4348
06-02-2022 00:42	49.98336	258.3543	266.61182	256.4524	454.81445	452.57245	446.11322	24.440252	24.829939	23.432264	-0.22826768	-0.06735886	-0.1366581	-0.14276177	1413.3818	442.28564	807.20544	2662.873
06-02-2022 00:43	49.97918	258.49814	266.45212	256.35648	454.905	452.3284	446.07358	24.334278	24.264372	23.341679	-0.23082244	-0.072736986	-0.14074309	-0.14717412	1423.7217	486.3817	827.8241	2737.9272
06-02-2022 00:44	49.98977	258.3794	266.57468	256.48077	454.96304	452.50937	446.05728	24.440239	24.453304	23.397512	-0.22861852	-0.078471236	-0.1425075	-0.14890863	1419.8496	520.3033	838.11774	2778.2705
06-02-2022 00:45	49.98803	258.37073	266.56628	256.7594	454.97125	452.78955	446.2212	24.446415	24.8992	23.389027	-0.22873966	-0.09212557	-0.13525315	-0.15126388	1416.9453	601.8829	798.24713	2817.0752
06-02-2022 00:46	49.99949	258.70358	266.85675	256.78052	455.4697	453.05722	446.57224	24.433674	24.310467	23.457258	-0.22907041	-0.070025675	-0.13401356	-0.1445127	1421.3076	468.3226	788.26416	2677.8943
06-02-2022 00:47	50.00503	258.62506	267.06296	256.48206	455.45544	452.98868	446.36145	24.381887	24.357271	22.384445	-0.22790447	-0.07786909	-0.20882747	-0.16902018	1410.1263	504.05835	1172.8801	3087.065
06-02-2022 00:48	49.981197	258.7772	267.19415	256.49533	455.641	453.1492	446.52933	24.461472	24.23215	22.352331	-0.22837254	-0.07341869	-0.20476417	-0.16650148	1414.9537	472.2972	1160.1141	3047.3652
06-02-2022 00:49	49.99567	258.62616	267.02875	256.32977	455.3553	452.90417	446.22583	24.428656	24.329433	22.263708	-0.22957608	-0.07907373	-0.20926178	-0.17011087	1414.2312	512.9762	1168.8345	3096.042
06-02-2022 00:50	49.98791	258.86694	267.53915	256.68207	456.14655	453.41055	446.83908	24.494987	25.24719	22.400925	-0.23050578	-0.048684284	-0.2080507	-0.15814963	1425.5414	333.10672	1175.5596	2934.2078
06-02-2022 00:51	49.99252	259.16574	267.3251	257.0783	456.35458	453.55478	447.31668	24.563435	25.287046	23.534544	-0.2334758	-0.041758377	-0.13987875	-0.13690388	1454.6824	298.03574	831.8817	2584.5996
06-02-2022 00:52	50.001503	259.41516	267.24268	257.12952	456.45453	453.53076	447.6162	25.4995	25.774055	23.4911	-0.18951464	-0.06623397	-0.13396361	-0.12870048	1239.3611	509.02057	791.8253	2540.207
06-02-2022 00:53	50.006454	259.6476	267.58694	257.32867	457.00067	453.98978	447.95682	25.542747	25.85318	23.55302	-0.19185412	-0.0629461	-0.13867402	-0.12871808	1237.4891	413.2567	828.61694	2479.3628
06-02-2022 00:54	50.021538	259.5949	267.6877	256.96542	457.00027	453.66605	447.736	25.47658	25.2759	23.447199	-0.18965426	-0.04457915	-0.13994378	-0.122558124	1222.0413	292.1108	829.3529	2343.505
06-02-2022 00:55	50.017673	259.3634	267.44452	257.1005	456.54517	453.75916	447.50995	25.523548	25.46214	23.53938	-0.18812123	-0.05074863	-0.13350712	-0.122300416	1218.8572	333.90628	792.4914	2345.255
06-02-2022 00:56	50.001015	259.60208	267.75143	257.344	456.78754	454.37515	448.0171	25.54533	25.267532	23.54097	-0.1886033	-0.04774403	-0.13520324	-0.122556046	1224.174	321.59695	804.21515	2349.9858
06-02-2022 00:57	49.98499	259.72452	268.29562	257.2873	457.2776	454.56552	448.3911	25.516895	25.344532	22.47343	-0.18515438	-0.05287505	-0.21915069	-0.14812236	1200.4015	356.6583	1241.5166	2798.5764
06-02-2022 00:58	49.98831	260.0074	268.13425	257.60553	457.41827	454.925	448.654	25.487291	24.49792	23.510021	-0.18991683	-0.078187734	-0.1578634	-0.14148	1232.7567	508.73346	938.59985	2680.09
06-02-2022 00:59	50.03437	260.9325	269.03757	258.46216	459.12076	456.42715	450.10223	25.614717	25.13815	23.540222	-0.19207242	-0.095397025	-0.16270413	-0.14715485	1246.7825	598.7732	969.0221	2814.5776
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
06-02-2022 01:00	50.00273	261.5606	269.6902	259.36536	460.4584	457.63974	451.33453	24.750504	25.1151	23.59354	-0.24113666	-0.08731892	-0.16804646	-0.16408622	1522.8015	580.4432	1006.58264	3109.8271
06-02-2022 01:01	49.992035	262.79523	270.70248	260.76614	462.53995	459.82837	453.3829	24.889225	24.835989	25.023363	-0.24244975	-0.07041753	-0.092567444	-0.1341731	1542.1112	466.8562	591.83875	2600.8062
06-02-2022 01:02	50.002857	264.4539	272.50977	262.41187	465.59564	462.68942	456.31955	25.097933	25.018364	25.05622	-0.24353929	-0.070346765	-0.08718689	-0.13273185	1566.279	470.34906	561.73785	2598.3662
06-02-2022 01:03	50.01314	251.57405	259.54987	249.60765	442.8495	440.58774	434.23257	23.970654	23.717056	23.454845	-0.2295164	-0.06733835	-0.1288171	-0.1409688	1361.2396	413.2177	743.7219	2518.1792
06-02-2022 01:04	49.98858	250.59747	258.42303	249.01694	441.3437	438.85504	432.80142	23.87563	23.541391	23.252764	-0.23401564	-0.08739527	-0.13080241	-0.150373	1379.5854	528.9711	749.7867	2658.3433
06-02-2022 01:05	50.00544	249.71924	257.8707	248.4775	440.08405	437.97717	431.5286	23.871672	24.478306	23.202677	-0.22882217	-0.059366893	-0.13133678	-0.13815002	1350.2996	390.57315	737.7567	2478.6294
06-02-2022 01:06	49.978455	248.62881	257.1366	247.76286	438.5258	436.58527	430.0792	23.831352	24.39552	23.207586	-0.23101445	-0.060084336	-0.12238266	-0.13626687	1353.1758	358.705	700.6987	2412.5796
06-02-2022 01:07	49.981194	248.24873	256.4217	247.35677	437.7793	435.42563	429.38132	23.803232	24.800732	23.10507	-0.23133336	-0.0783365	-0.1209781	-0.14206786	1345.7062	486.656	694.287	2526.6492
06-02-2022 01:08	49.987877	247.88612	256.39682	246.46811	437.12463	434.8789	428.37973	23.717869	24.283749	22.174328	-0.2271694	-0.06348701	-0.21528354	-0.16416973	1318.3881	384.60068	1161.3898	2864.3787
06-02-2022 01:09	49.977253	247.26688	255.92062	245.36853	436.1403	433.3767	427.06552	23.717087	24.336416	22.071741	-0.22413407	-0.0682289	-0.21824074	-0.16657811	1295.7502	427.01038	1167.2946	2890.0552
06-02-2022 01:10	49.99981	246.65424	255.01283	245.0315	434.86237	432.4129	426.08865	23.651745	24.181982	22.010357	-0.22269768	-0.06530436	-0.1904897	-0.156586	1280.3734	400.77823	1011.914	2693.0654
06-02-2022 01:11	49.985455	246.24554	254.43349	244.40881	433.92203	431.4802	425.1726	23.57826	23.73848	21.958315	-0.22170568	-0.089956954	-0.1934643	-0.16694225	1268.7102	547.6783	1027.0526	2843.4412
06-02-2022 01:12	49.996677	246.7085	254.59993	245.02577	434.49792	432.283	425.9517	23.718258	23.879602	23.093588	-0.22168288	-0.08798834	-0.12018456	-0.14261866	1276.4193	529.51544	668.03156	2473.9663
06-02-2022 01:13	50.022446	247.0955	254.62744	245.16353	434.78638	432.51318	426.38824	23.64938	23.224213	23.07231	-0.22585216	-0.12157731	-0.11761526	-0.15518181	1302.0253	719.08887	650.9888	2672.103
06-02-2022 01:14	50.0505	247.38348	254.74498	245.69576	435.3146	432.9889	427.00653	23.721966	23.606596	23.587658	-0.22735465	-0.13406673	-0.09931281	-0.15359053	1318.1879	806.46326	576.29456	2700.9458
06-02-2022 01:15	50.03479	247.4488	254.80968	245.88487	435.5466	433.3102	427.00833	23.791382	23.65074	23.661648	-0.22449799	-0.13229825	-0.09730998	-0.15135923	1308.5342	779.8245	559.36676	2647.7256
06-02-2022 01:16	50.022697	247.47234	254.80975	245.86855	435.64703	433.2398	426.99103	23.749687	23.106794	23.637226	-0.22375774	-0.11067658	-0.09208895	-0.1424314	1299.3073	646.22614	529.42303	2474.9565
06-02-2022 01:17	49.993614	247.0597	254.49266	245.8947	435.1122	432.85883	426.685	23.663313	23.181595	23.611975	-0.22739473	-0.113838434	-0.09368393	-0.14490184	1311.6637	689.3415	541.43317	2542.4385
06-02-2022 01:18	49.970222	247.4325	254.78368	245.94899	435.62698	433.17368	427.10028	23.674114	23.286154	23.622026	-0.22724411	-0.11672907	-0.09674663	-0.14682947	1311.4355	686.8549	554.3299	2552.62
06-02-2022 01:19	49.951275	247.31047	254.99788	245.44702	435.2216	433.05325	426.91708	23.624714	23.212128	22.442772	-0.2236791	-0.122345775	-0.1721336	-0.17235042	1295.8999	726.3214	937.0496	2953.896
06-02-2022 01:20	49.936897	247.07074	254.71054	245.11102	434.92117	432.5445	426.235	23.571636	23.01471	22.427261	-0.22307597	-0.11648689	-0.1642501	-0.16772899	1273.9235	681.65045	893.197	2848.7708
06-02-2022 01:21	49.969578	247.34854	255.38037	245.53973	435.6787	433.45416	426.95255	23.690449	24.412899	22.49239	-0.22138807	-0.090938225	-0.16609338	-0.15707701	1279.9335	546.72235	904.5511	2731.207
06-02-2022 01:22	50.016285	247.57228	255.59506	245.65147	436.0135	433.66556	427.35776	23.717077	24.448698	22.639885	-0.22238314	-0.08713915	-0.17241715	-0.15873972	1280.6105	540.572	949.1207	2770.3032
06-02-2022 01:23	50.03582	247.7343	255.80577	246.2139	436.3433	434.31125	427.9992	23.806839	24.009773	23.797157	-0.22212093	-0.06469887	-0.09883722	-0.12740617	1287.8652	396.398	569.4243	2253.6875
06-02-2022 01:24	50.044212	247.52832	255.89922	245.68205	436.0681	433.969	427.50287	23.783495	24.1957	23.698034	-0.22172625	-0.07019852	-0.10613738	-0.13156022	1286.1305	431.531	608.708	2326.3694
06-02-2022 01:25	50.02651	247.75723	255.62163	246.09792	436.25272	434.1693	427.75375	23.771126	23.965014	23.830494	-0.22307439	-0.06396232	-0.10341401	-0.12875697	1292.5739	387.5556	596.6271	2276.7563
06-02-2022 01:26	50.01754	247.40921	255.36606	245.77382	435.8037	433.5154	427.24896	23.754835	24.054768	23.692762	-0.2252651	-0.067974985	-0.097983345	-0.12941942	1301.5132	409.24414	562.7033	2273.4607
06-02-2022 01:27	50.017326	247.40121	255.12979	245.51877	435.62796	433.16708	426.90994	24.666918	24.094257	23.692762	-0.18002552	-0.074359834	-0.09972821	-0.11809791	1083.2322	465.4749	576.38513	2125.0923
06-02-2022 01:28	50.011826	247.73387	255.31102	245.94298	436.10025	433.70157	427.52643	24.611013	23.37367	23.685167	-0.18492745	-0.10521821	-0.10099799	-0.12898952	1111.9532	609.47406	571.1545	2292.5818
06-02-2022 01:29	49.99348	247.41391	255.16203	244.06133	435.06497	432.29816	425.9009	24.371052	23.618422	23.16637	-0.17604141	-0.1314684	-0.42170694	-0.23903708	1050.079	785.5816	2350.186	4185.8467
06-02-2022 01:30	50.002937	247.10837	255.051	245.0693	435.06033	432.71725	426.5041	24.571495	23.534185	22.586758	-0.17914009	-0.08504152	-0.16867217	-0.14358172	1075.6487	507.75244	908.404	2491.8052
06-02-2022 01:31	50.02574	247.3216	255.3327	245.15646	435.52713	432.96854	426.79517	24.6072	23.516209	22.234402	-0.17800009	-0.08161111	-0.20642681	-0.15357524	1071.2036	497.4348	1118.3766	2687.0151
06-02-2022 01:32	50.009068	247.41649	255.33728	244.98001	435.45206	432.9105	426.7945	24.58493	23.496162	22.09442	-0.17848966	-0.08610367	-0.19771571	-0.15251517	1070.4446	514.3434	1053.9003	2638.6885
06-02-2022 01:33	49.997704	247.5337	255.4138	245.18027	435.5545	433.22412	427.05984	24.607172	23.583328	22.224588	-0.178898	-0.08384377	-0.16977571	-0.14341389	1075.8229	501.2828	908.888	2485.9937
06-02-2022 01:34	50.019073	247.55006	255.19286	245.0584	435.34854	432.89322	427.02875	24.626348	23.637161	22.135063	-0.18029487	-0.08684539	-0.1792811	-0.14770909	1080.5658	523.1336	954.8878	2558.5872

06-02-2022 01:35	49.994705	247.47728	255.25565	245.55858	435.66257	433.2084	427.24896	23.737738	23.558971	22.115812	-0.2305723	-0.07900596	-0.16971458	-0.15866634	1334.5356	471.3414	907.2216	2713.0986
06-02-2022 01:36	49.998077	247.40538	255.30898	245.59546	435.7442	433.245	427.1638	23.793306	24.832954	22.176025	-0.22889264	-0.07130309	-0.17091286	-0.15728876	1328.1056	502.6549	916.17236	2746.933
06-02-2022 01:37	50.009876	247.41362	255.42996	245.5531	435.91446	433.21692	427.17255	23.854286	24.788954	22.122658	-0.22617003	-0.06721279	-0.17105642	-0.15303896	1314.9335	417.7196	927.2171	2659.87
06-02-2022 01:38	49.97709	247.4586	255.75739	245.57854	436.02878	433.6436	427.32214	23.784996	24.329453	22.111122	-0.22558537	-0.052280556	-0.17203614	-0.14717597	1305.0146	323.7555	914.91	2543.6802
06-02-2022 01:39	50.014202	247.57498	256.01917	245.31468	436.10684	433.60596	427.4772	23.80005	24.265137	22.111969	-0.22201233	-0.048948996	-0.17755856	-0.14728837	1291.6274	311.45688	948.35	2551.4343
06-02-2022 01:40	50.0217	247.69435	256.2498	245.37428	436.42453	433.81378	427.6619	23.771515	24.237595	20.761967	-0.22072071	-0.053871524	-0.2839785	-0.17872293	1283.5911	323.1927	1431.742	3038.5256
06-02-2022 01:41	50.006115	247.76718	256.30356	245.4016	436.57822	433.88983	427.7001	23.718655	24.41401	20.673386	-0.22145492	-0.059426546	-0.27565724	-0.17812094	1284.7449	358.5083	1380.5166	3023.7698
06-02-2022 01:42	50.014603	247.83159	256.36853	245.48236	436.70795	433.99115	427.83276	23.733772	24.45216	20.706764	-0.21991466	-0.06122979	-0.27510974	-0.17814048	1275.9858	364.9483	1381.6212	3022.5557
06-02-2022 01:43	50.02398	248.1339	256.1838	245.7004	436.90347	433.98853	428.2187	23.732994	23.599312	20.65281	-0.22165506	-0.08685261	-0.28148645	-0.19127764	1289.1699	519.628	1401.0364	3209.8342
06-02-2022 01:44	50.019238	248.42673	256.3023	246.3306	437.4865	434.66837	428.7611	23.835707	23.979528	21.584301	-0.2250034	-0.09824809	-0.20549805	-0.17405495	1312.255	634.0332	1075.6776	3024.247
06-02-2022 01:45	50.001614	248.52287	256.41028	246.44371	437.7033	434.86795	428.89505	23.778233	23.661423	21.62237	-0.22599696	-0.08023247	-0.19193329	-0.16419716	1317.2219	475.27295	1018.64026	2811.1353
06-02-2022 01:46	50.0351	248.3993	256.58975	246.54572	437.554	435.0595	429.12234	23.864998	23.722252	21.620224	-0.22465323	-0.08038288	-0.19399008	-0.1641691	1306.6245	484.9057	1020.59845	2812.1287
06-02-2022 01:47	50.045746	248.31197	256.56735	246.53645	437.4087	435.07224	429.04874	23.812035	23.554672	21.651747	-0.22436592	-0.10308309	-0.1941187	-0.17241938	1310.8442	620.3642	1020.3659	2951.5745
06-02-2022 01:48	50.02935	248.67284	256.4021	246.50735	437.60233	435.0591	429.15845	23.753664	23.488583	21.800564	-0.22078912	-0.098192595	-0.21411408	-0.17479108	1281.476	566.17377	1138.1235	2985.7734
06-02-2022 01:49	50.017048	248.30368	256.18744	246.2204	437.0646	434.68652	428.56207	23.758009	23.653084	21.679169	-0.2204814	-0.10560049	-0.21616597	-0.17870532	1281.2565	637.21674	1143.9734	3061.2903
06-02-2022 01:50	50.01871	248.3871	256.2317	246.34177	437.21597	434.84586	428.68317	23.764362	23.572964	21.652977	-0.22082788	-0.10323055	-0.19402216	-0.17122194	1283.9688	605.2892	1012.14386	2901.4019
06-02-2022 01:51	50.007034	248.42441	256.60358	246.43153	437.72635	434.97006	428.91287	23.771496	24.68241	21.099033	-0.21765305	-0.08860695	-0.24097082	-0.17751656	1267.5393	559.9813	1228.6292	3056.15
06-02-2022 01:52	50.011032	248.37213	256.6411	246.19543	437.56744	434.895	428.7137	23.746086	24.220871	21.16929	-0.21742894	-0.06938347	-0.23615646	-0.1705561	1263.4287	441.90985	1212.2722	2917.6108
06-02-2022 01:53	50.01917	248.30875	256.80832	246.25908	437.63428	435.05804	428.77386	23.76436	24.38818	22.120525	-0.22010113	-0.07316191	-0.19617903	-0.15978457	1284.4628	445.9077	1049.9226	2780.293
06-02-2022 01:54	50.02424	248.44926	256.78378	246.4754	437.78235	435.08255	429.1723	23.80126	24.371983	22.086311	-0.21862468	-0.07017749	-0.2065993	-0.16142678	1271.4996	428.68237	1107.9027	2808.0847
06-02-2022 01:55	50.028595	248.40924	256.49588	247.16985	437.73935	435.6468	429.28763	23.864601	24.413666	23.21657	-0.2221296	-0.066411704	-0.12657183	-0.13689232	1295.301	413.37097	715.5565	2424.2285
06-02-2022 01:56	50.038303	248.53714	256.5138	246.85782	437.86072	435.39526	429.13202	23.855938	24.473389	23.191336	-0.22186297	-0.072352245	-0.12648214	-0.13981701	1299.234	463.409	717.1487	2479.7915
06-02-2022 01:57	50.07006	248.68611	256.73575	247.09149	437.92072	435.95773	429.55548	23.82761	24.283966	23.233448	-0.22309202	-0.06454812	-0.12492823	-0.13613701	1303.8885	401.00903	707.4002	2412.2979
06-02-2022 01:58	50.052795	248.96902	256.59427	247.34322	438.44043	435.87378	429.79996	23.854809	24.56366	23.782522	-0.22554266	-0.11606877	-0.098999605	-0.14629863	1320.2993	726.4768	574.9113	2621.6873
06-02-2022 01:59	50.054615	249.09715	256.49335	247.34068	438.38232	435.98965	429.78613	23.814451	23.730286	23.720417	-0.22655974	-0.14216052	-0.09812226	-0.15565562	1325.7878	859.8075	568.4343	2754.0295
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
06-02-2022 02:00	50.064606	249.57727	256.83713	247.77272	439.25797	436.62463	430.45117	23.855284	23.32348	23.879042	-0.22678809	-0.11819851	-0.09069827	-0.14518212	1325.0726	717.44446	536.8072	2579.3242
06-02-2022 02:01	50.045975	249.62201	256.81937	247.54811	439.0475	436.4964	430.4473	24.753656	23.43288	23.877739	-0.18178317	-0.123577096	-0.0913832	-0.13288982	1108.6423	747.6533	532.58154	2388.8772
06-02-2022 02:02	50.04562	250.05415	257.24908	247.61536	439.63507	437.02695	430.94006	24.749462	23.461779	22.73293	-0.17965949	-0.12948126	-0.15709327	-0.1555109	1089.2893	770.1624	869.05817	2728.5098
06-02-2022 02:03	50.051983	249.80928	257.30762	247.89919	439.42502	437.30402	431.0399	24.770443	23.532307	22.763721	-0.17964855	-0.10515624	-0.15644392	-0.14702182	1090.3447	633.35803	870.975	2594.6777
06-02-2022 02:04	50.061794	250.03418	257.53378	247.83015	439.9451	437.30237	431.18515	24.773548	23.39879	22.708033	-0.17990378	-0.10486486	-0.16427185	-0.14851323	1087.8422	619.99304	913.3615	2621.1968
06-02-2022 02:05	50.034016	249.89705	257.02374	247.74364	439.42023	436.73834	430.9992	24.778755	23.920223	23.763351	-0.18427198	-0.12657428	-0.10178223	-0.1381398	1118.2183	737.3685	586.05756	2441.6445
06-02-2022 02:06	50.005447	249.4966	256.67596	247.2808	438.70303	436.1715	430.18768	24.753935	23.719828	23.8118	-0.18559091	-0.11780223	-0.09622458	-0.13367595	1127.6494	708.17065	559.17706	2394.997
06-02-2022 02:07	49.98677	248.93307	256.88208	247.12701	438.34863	436.00314	429.82477	24.792025	24.155895	23.876465	-0.18265313	-0.0732952	-0.09958963	-0.11856828	1110.6416	439.71344	578.45404	2128.8088
06-02-2022 02:08	49.974926	248.54489	256.51392	246.50662	437.62933	435.04532	429.11588	24.712395	24.097395	23.787191	-0.18336074	-0.07355537	-0.098258786	-0.118447736	1112.8098	452.009	573.6408	2138.4595
06-02-2022 02:09	49.991257	248.08443	255.94365	246.27382	437.02884	434.2906	428.2841	23.877205	24.181587	23.633194	-0.23170948	-0.07477952	-0.10580182	-0.1364901	1352.4646	465.09314	609.3515	2432.628
06-02-2022 02:10	49.959473	248.28052	255.99855	246.66867	437.37738	434.65265	428.69064	23.804085	24.12009	23.679249	-0.234203	-0.07326885	-0.10789741	-0.13741809	1362.1345	449.52673	614.5792	2426.2405
06-02-2022 02:11	49.99218	248.39618	256.13776	246.59909	437.3985	434.85416	428.7903	23.865746	24.038315	23.777222	-0.22835267	-0.06877207	-0.10019718	-0.13141692	1331.9086	420.24173	578.83984	2330.9902
06-02-2022 02:12	50.00193	248.5169	256.4885	246.26686	437.674	434.93448	428.6802	23.810347	23.957518	22.655743	-0.22638057	-0.07225872	-0.16840662	-0.15402004	1318.852	442.3686	924.5765	2685.797
06-02-2022 02:13	49.996864	248.30156	256.21298	246.17711	437.29263	434.64795	428.34235	23.823416	24.450993	22.630682	-0.22769606	-0.09383625	-0.16566683	-0.1608031	1325.1431	583.0621	908.0901	2816.2952
06-02-2022 02:14	50.03663	248.39066	256.50427	246.20709	437.5028	435.0533	428.4402	23.854336	24.174255	22.622799	-0.22613934	-0.077325165	-0.17534046	-0.15775904	1317.1355	475.49496	960.7447	2753.3752
06-02-2022 02:15	50.060635	248.6771	256.50504	246.26497	437.6652	435.09058	428.83508	23.80854	23.222334	22.666761	-0.22474778	-0.103310436	-0.174807	-0.16728708	1313.1187	612.8059	960.1388	2886.0632
06-02-2022 02:16	50.050232	248.43173	255.98894	246.23772	437.24203	434.55826	428.4235	23.838186	23.309265	23.244339	-0.23014383	-0.09865808	-0.12394343	-0.15090443	1339.4989	579.5329	693.05334	2612.0852
06-02-2022 02:17	50.05988	248.65953	256.33698	246.52661	437.74942	435.2456	428.72964	23.84614	23.758846	23.256987	-0.22908463	-0.07875233	-0.12525268	-0.14379072	1321.3872	497.86636	711.2594	2536.0444
06-02-2022 02:18	50.042355	248.54988	256.22772	246.51382	437.61877	435.03165	428.67142	23.854763	23.6802	23.35309	-0.22851445	-0.07705241	-0.14197211	-0.14892156	1334.2158	468.3406	808.32947	2610.886
06-02-2022 02:19	50.022556	248.73271	256.33215	246.56503	437.7822	435.10037	429.02313	23.770323	23.708342	23.277985	-0.23003833	-0.084314264	-0.15324517	-0.15499362	1341.6643	500.55347	881.0888	2723.3066
06-02-2022 02:20	49.991737	248.6364	256.38074	246.59529	437.78787	435.15897	428.9297	23.809158	24.030483	23.240149	-0.22862914	-0.09622749	-0.15269342	-0.15827042	1332.3691	606.61176	855.7345	2794.7153
06-02-2022 02:21	49.985176	248.46677	256.27246	246.51315	437.49167	435.0371	428.72394	23.746883	23.601688	23.307611	-0.2295323	-0.079594016	-0.14572223	-0.1504045	1334.3846	471.1108	825.5974	2631.0928
06-02-2022 02:22	49.975494	248.59334	256.4021	246.59355	437.72083	435.1932	428.9217	23.76041	23.510187	23.286121	-0.22892183	-0.079387054	-0.14359225	-0.1498798	1331.988	477.86746	812.5563	2622.4119
06-02-2022 02:23	49.994747	248.29703	256.76245	245.90504	437.56415	434.74338	428.4483	23.839643	24.4379	22.128635	-0.22106346	-0.055424087	-0.19544333	-0.1537657	1285.1692	345.48145	1046.0631	2676.7139
06-02-2022 02:24	50.017986	248.54456	256.80286	246.37766	438.04977	435.00226	429.018	23.843222	24.487936	22.079876	-0.22237822	-0.051185157	-0.20144235	-0.1563928	1299.0061	345.31735	1083.3809	2727.7046
06-02-2022 02:25	50.040623	248.87677	257.0885	247.00679	438.69	435.9168	429.62497	23.921886	24.452614	22.222965	-0.22150698	-0.051162843	-0.20874472	-0.15661287	1305.9657	313.1543	1121.835	2740.955
06-02-2022 02:26	50.05219	249.26599	257.35638	247.68372	439.3992	436.8017	430.34164	23.957006	24.57745	23.311789	-0.22673403	-0.05145041	-0.12420322	-0.13135996	1331.7417	313.50217	708.1067	2353.3506
06-02-2022 02:27	50.061428	249.20004	257.28006	247.73778	439.14984	436.79272	430.4445	23.911335	24.820633	23.27936	-0.21944578	-0.06305744	-0.123952754	-0.13359974	1290.2294	397.11026	704.1413	2391.481
06-02-2022 02:28	50.074425	249.24551	257.56168	247.7374	439.42224	436.86395	430.6654	23.938627	24.918747	22.762613	-0.21954936	-0.066060424	-0.13690217	-0.13924569	1290.1736	428.70114	761.8596	2480.7344
06-02-2022 02:29	50.060204	248.9317	257.51688	247.59486	439.263	436.77374	430.05237	23.901472	24.422676	22.752142	-0.22084245	-0.07125278	-0.1426406	-0.14330095	1294.3207	441.51978	795.2449	2531.0854
06-02-2022 02:30	50.041428	249.11224	257.5067	247.53145	439.01962	436.8212	430.42908	23.867798	23.622084	22.72584	-0.22059523	-0.09696807	-0.14101578	-0.15229833	1290.6848	582.62006	784.3297	2657.6345
06-02-2022 02:31	50.057384	249.17485	257.38504	247.65599	439.0538	436.87442	430.45547	23.859987	23.611021	22.829733	-0.22223124	-0.09606813	-0.1353821	-0.15188378	1307.782	586.5383	758.68066	2653.001
06-02-2022 02:32	50.041534	249.57445	257.48285	247.72057	439.61914	437.00763	430.73196	23.88519	23.739347	22.783203	-0.22224757	-0.10056834	-0.13096394	-0.15103368	1303.1421	613.47363	716.0033	2632.6191
06-02-2022 02:33	50.051655	249.65053	257.65118	247.60382	439.83957	436.86975	430.8693	23.897865	23.688581	21.67927	-0.21805295	-0.09566354	-0.20239726	-0.17031123	1283.2261	576.67065	1070.5322	2930.4292
06-02-2022 02:34	50.033394	249.39348	257.39178	247.38313	439.39307	436.5998	430.3118	23.853151	23.714725	21.61936	-0.22027563	-0.101196855	-0.20529753	-0.17370255	1290.8868	613.57135	1082.7754	2987.2336
06-02-2022 02:35	50.03002	249.01659	257.15347	247.15865	438.73557	436.23428	429.87918	23.846413	24.099752	21.588264	-0.2202895	-0.12276701	-0.20926708	-0.1798903	1284.2461	714.21606	1100.0714	3098.5337
06-02-2022 02:36	50.031944	249.31448	256.9579	247.21597	438.73996	436.25125	430.13242	24.706076	23.543432	22.797691	-0.17893483	-0.095032185	-0.12782164	-0.13420832	1086.7998	572.86755	710.43176	2370.099
06-02-2022 02:37	50.031982	249.24832	257.02756	247.2445	438.77493	436.47684	429.9311	24.734537	23.630817	22.785654	-0.17732352	-0.10180654	-0.12619933	-0.13543154	1078.1505	615.84814	701.3004	2395.299
06-02-2022 02:38	50.03616	249.13269	257.37473	246.74039	438.81735	436.3105	429.58698	24.742186	24.539053	22.832117	-0.17544606	-0.07406002	-0.12885907	-0.12545477	1066.3657	465.0769	715.2764	2246.719
06-02-2022 02:39	50.043003	249.2978	257.4697	246.7039	438.84674	436.30353	429.94705	24.740307	24.45224	22.71919	-0.17373972	-0.07092984	-0.13456975	-0.12558757	1054.3109	440.2309	742.3447	2236.8867
06-02-2022 02:40	50.047047	249.48602	257.42944	247.27797	439.12918	436.7735	430.44376	24.768526	24.450722	22.752491	-0.1752275	-0.0691911	-0.13657309	-0.1251693	1064.513	435.6975	748.32007	2248.5305
06-02-2022 02:41	50.032684	249.58379	257.35098	247.4194	439.30722	436.62732	430.68753	24.761597	24.521767	22.799767	-0.17567985	-0.074723616	-0.1285719	-0.12572931	1071.0682	469.3189	715.51263	2255.8997
06-02-2022 02:42	50.023293	249.58072	257.17514	247.44737	439.2586	436.49573	430.6064	24.773005	24.935858	22.774426	-0.17717993	-0.088116065	-0.12741326	-0.13227032	1087.318	587.6153	707.9849	2382.9182
06-02-2022 02:43	49.98883	249.06653	257.3032	246.98557	438.81964	436.1243	429.95007	23.84598	24.480238	21.677416	-0.22114977	-0.07426701	-0.2071134	-0.16431884	1297.4519	466.55365	1092.1987	2856.204
06-02-2022 02:44	50.022373	249.16269	257.59814	247.11842	439.04495	436.4837	430.27185	23.943117	24.368116	21.595695	-0.22399534	-0.06957564	-0.20785953	-0.16362351	1313.0438	438.64273	1100.3063	2851.9927
06-02-2022 02:45	50.026154	249.11388	257.10898	246.92043	438.56784	436.1309	429.82895	23.901718	24.061047	21.631584	-0.2235644	-0.09434278	-0.19879012	-0.17001234	1315.0771	584.13	1046.4305	2945.6377
06-02-2022 02:46	50.04415	249.36487	257.29456	246.98323	438.83743	436.37347	430.18063	23.852785	23.25546	21.664833	-0.22455978	-0.10488629	-0.2019568	-0.17588414	1314.584	638.8906	1063.0299	3016.5044
06-02-2022 02:47	50.03658	249.496	257.14557	247.5297	438.96188	436.93433	430.41193	23.890303	23.52665	23.80392	-0.22901228	-0.10744737	-0.093408845	-0.14404026	1349.5146	657.0881	544.07007	2550.6729
06-02-2022 02:48	50.01147	249.71223	257.16876	247.64085	439.30347	436.8776	430.73264	23.904058	23.367224	23.803064	-0.22988437	-0.09761821	-0.094626166	-0.14063373	1351.5021	583.78217	550.1097	2485.394
06-02-2022 02:49	49.99723	249.48326	256.9819	247.28201	438.85822	436.4449	430.26944	23.837166	23.781647	23.186775	-0.22881599	-0.121341005	-0.13450882	-0.1614024	1339.4293	734.8992	760.1838	2834.5122
06-02-2022 02:50	49.982697	249.66862	256.984	247.25018	439.0864	436.374	430.38196	23.837683	23.672577	23.255215	-0.2284351	-0.11483702	-0.12643045	-0.15650572	1349.123	675.281	709.68536	2734.0894
06-02-2022 02:51	49.986958	249.37822	257.14163	247.14958	438.88126	436.3705	430.1866	23.823822	23.205956	23.267813	-0.2274504	-0.0951438	-0.12734742	-0.1499716	1332.6874	568.9341	716.2333	2617.8545
06-02-2022 02:52	50.01017	249.05661	256.985	246.957	438.39542	436.0278	429.85175	23.818668	23.163729	23.31045	-0.22676711	-0.092737235	-0.12790991	-0.14911442	1328.905	539.0659	732.8283	2600.7993
06-02-2022 02:53	50.00597	249.23291	257.28168	246.4879	438.57162	435.99323	429.71976	23.78815	23.198238	22.667847	-0.2246811	-0.09860801	-0.16312046	-0.16177534	1317.0286	595.6583	905.67377	2818.3606
06-02-2022 02:54	50.027008	249.48705	257.68103	246.80305	439.19626	436.5007	430.26532	23.794533	24.046572	21.661732	-0.22377169	-0.07202923	-0.23898505	-0.17425936	1309.8073	434.45282	1260.8921	3005.1523
06-02-2022 02:55	50.051094	249.87833	258.0809	247.5339	440.0393	437.2484	431.30673	23.857563	24.145872	21.760693	-0.2216909	-0.07160065	-0.23122193	-0.17204487	1306.7839	448.61145	1235.0038	2990.3992
06-02-2022 02:56	50.049698	249.87259	258.01172	247.64893	440.12988	437.44962	431.08984	23.913643	24.64857	21.728943	-0.22182015	-0.09333047	-0.22927138	-0.17746113	1307.3374	585.8039	1213.7657	3106.9067
06-02-2022 02:57	50.041008	250.02779	258.18933	248.38745	440.54034	438.19943	431.78235	23.962074	24.689354	22.77116	-0.22583468	-0.0838064	-0.15632424	-0.15358134	1331.4348	528.65027	871.99524	2732.0803
06-02-2022 02:58	50.033176	250.34445	258.32886	248.45671	441.0454	438.28522	432.10162	23.958895	24.133718	22.744122	-0.22539936	-0.06410971	-0.16061789	-0.14722432	1329.0614	378.168	892.54425	2599.7734
06-02-2022 02:59	50.038277	251.48222	259.35794	249.4058	442.75412	440.14352	433.9317	24.015139	24.400963	22.904903	-0.22599316	-0.06901746	-0.16171601	-0.15053979	1351.9741	437.87674	901.1262	2685.5396
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power

06-02-2022 03:00	50.03521	252.36055	260.05856	250.34575	444.372	441.31323	435.50394	24.060265	24.384365	22.925121	-0.22752018	-0.06699889	-0.15473185	-0.14818694	1357.8545	419.68167	871.1763	2648.7124
06-02-2022 03:01	50.060505	254.20142	261.91675	252.09369	447.44888	444.84882	438.3321	24.166004	23.75767	23.085567	-0.22826798	-0.10036675	-0.15286818	-0.160231	1385.4316	612.45734	862.73816	2860.6274
06-02-2022 03:02	50.069267	255.33165	263.12527	253.3501	449.89902	446.54507	440.41037	24.260721	23.870361	23.132679	-0.23048992	-0.10029516	-0.15086696	-0.1612173	1405.7595	638.8175	873.8401	2918.417
06-02-2022 03:03	50.07267	255.52133	263.74414	253.59604	450.35834	447.28915	441.0336	24.270866	24.304152	23.156824	-0.2310039	-0.07825633	-0.15692918	-0.15427978	1403.5443	501.8473	908.4876	2813.8792
06-02-2022 03:04	50.04953	255.79037	263.93686	253.2826	450.7633	447.0406	441.13504	24.237272	24.51455	21.990263	-0.228315	-0.0934366	-0.23638469	-0.18273474	1391.7524	631.2006	1291.9226	3308.9067
06-02-2022 03:05	50.05327	256.28717	264.40756	254.05098	451.4662	448.39032	442.0901	24.252073	24.25013	22.644178	-0.22369419	-0.07668966	-0.1947466	-0.16307724	1368.8691	472.294	1100.3645	2941.5278
06-02-2022 03:06	50.06422	255.58055	263.53012	253.20518	450.3519	446.81638	440.5717	24.23462	24.126839	22.63964	-0.22224993	-0.07333509	-0.19158052	-0.16054285	1352.285	463.0391	1081.2588	2896.583
06-02-2022 03:07	50.025406	255.06793	263.27823	252.46938	449.40298	445.95258	439.78546	24.14555	24.082157	22.528511	-0.22232187	-0.07416401	-0.19142474	-0.16070697	1345.6392	467.06284	1073.3722	2886.0742
06-02-2022 03:08	50.034615	254.41774	262.56976	252.21599	448.25195	445.2837	438.8134	24.13815	24.102497	23.57555	-0.22454599	-0.06873095	-0.13390592	-0.14248517	1352.3151	443.22717	789.7125	2585.255
06-02-2022 03:09	50.01905	253.72136	262.01883	251.97234	447.35577	444.40097	438.0067	24.166626	24.93699	23.529737	-0.2223008	-0.042377222	-0.13581774	-0.13120148	1343.6375	283.0758	800.6516	2427.3647
06-02-2022 03:10	50.00646	253.61617	261.73602	251.47475	446.88766	443.83453	437.50894	25.064083	24.956966	23.647196	-0.17860295	-0.04373677	-0.12669753	-0.11525977	1117.9827	289.84427	741.3447	2149.1716
06-02-2022 03:11	50.028194	253.92018	262.2765	249.94211	446.7818	443.4434	436.8223	25.032867	25.313126	22.502052	-0.17806074	-0.06196922	-0.20893149	-0.14602178	1110.3978	410.35568	1155.9103	2676.6638
06-02-2022 03:12	50.03293	253.83032	261.62323	251.88727	447.1607	443.9997	437.95697	25.050585	24.973606	23.571934	-0.17940311	-0.06812203	-0.12745196	-0.12424779	1125.9724	429.87616	751.6062	2307.4548
06-02-2022 03:13	50.039642	253.98987	261.86774	251.92354	447.47006	444.2331	438.17792	25.044212	24.862965	23.540648	-0.18003412	-0.062065087	-0.13317712	-0.12371973	1129.225	392.60822	777.819	2299.652
06-02-2022 03:14	50.030773	254.17886	261.93887	251.99098	447.62537	444.38403	438.4384	25.032501	24.921915	23.575945	-0.18141012	-0.06879167	-0.13280138	-0.1268381	1129.1561	439.79108	783.64465	2352.5918
06-02-2022 03:15	50.029743	253.75037	262.12796	251.566	447.0844	444.22266	437.99084	25.050203	24.789757	22.50837	-0.17688897	-0.06744471	-0.19684424	-0.14458312	1105.6927	442.35315	1099.2042	2647.2505
06-02-2022 03:16	50.05053	253.67632	261.84128	251.62137	446.72812	444.1288	437.91052	24.992971	23.869068	23.220715	-0.17919844	-0.09689171	-0.17797412	-0.15070103	1118.1919	605.3147	1054.8257	2774.6138
06-02-2022 03:17	50.032913	253.68195	261.3669	251.48988	446.4294	443.6684	437.62988	24.996304	24.002314	23.030483	-0.18015899	-0.1003101	-0.16072501	-0.14668263	1125.5605	621.3728	919.55457	2666.488
06-02-2022 03:18	50.01232	253.28801	261.44495	252.14758	446.60275	444.2083	437.50992	24.149044	24.403221	24.06584	-0.23289037	-0.10839824	-0.10036897	-0.14737691	1397.7955	702.2576	601.7458	2701.799
06-02-2022 03:19	50.023327	253.31616	261.21997	251.75752	446.3249	443.7172	437.26248	24.151405	24.46449	24.07647	-0.23147772	-0.114136375	-0.09902788	-0.14656544	1390.9727	700.98926	592.4737	2684.4355
06-02-2022 03:20	49.990654	253.67744	261.37326	251.55466	446.69058	443.6401	437.5144	24.123632	23.94455	24.14352	-0.22906877	-0.091694444	-0.09131446	-0.13691945	1379.5632	574.8654	552.4624	2506.891
06-02-2022 03:21	50.03423	253.8759	261.4899	251.77783	446.92484	443.95044	437.90082	24.155727	24.022696	24.176844	-0.23149095	-0.095647745	-0.09115715	-0.13997886	1398.6614	611.1266	549.6244	2559.412
06-02-2022 03:22	50.023403	253.74411	261.815	251.18954	446.88144	443.6395	437.5738	24.18068	23.99405	23.082554	-0.22712862	-0.09864337	-0.1310974	-0.1530343	1373.1494	618.09033	748.9968	2740.2366
06-02-2022 03:23	50.00917	253.69446	261.61194	251.55182	446.77884	443.79028	437.71304	24.125984	23.907576	23.054655	-0.2301565	-0.09462398	-0.12816073	-0.15076777	1389.215	581.33276	730.9407	2701.4888
06-02-2022 03:24	50.0015	253.50594	261.74194	251.53267	446.74597	443.79114	437.6106	24.14591	24.8731	22.972458	-0.2297298	-0.071769215	-0.13523737	-0.1439646	1383.5283	465.21863	772.76575	2621.5127
06-02-2022 03:25	49.99723	253.56796	261.87875	251.14659	446.81195	443.5449	437.46817	24.131842	24.794643	21.87113	-0.22659424	-0.07198633	-0.20203356	-0.1614476	1360.5752	442.86224	1083.0615	2886.499
06-02-2022 03:26	50.006573	253.61423	261.85052	251.22125	446.91864	443.51456	437.55145	24.159582	25.350988	21.889284	-0.22715355	-0.08858516	-0.19672853	-0.16749686	1368.1531	579.43933	1066.1709	3013.7634
06-02-2022 03:27	50.004116	253.4558	261.72534	251.00728	446.67264	443.1561	437.29337	24.13614	24.642296	21.98327	-0.22693434	-0.06919882	-0.20202972	-0.1626176	1364.1969	445.09793	1098.2596	2907.5547
06-02-2022 03:28	50.014683	253.5948	261.76382	251.38486	446.8503	443.6625	437.57166	24.164274	24.830688	23.075161	-0.22850506	-0.047672555	-0.13193332	-0.13355398	1373.9014	303.98932	753.93054	2431.821
06-02-2022 03:29	50.003757	253.6767	261.76883	251.15456	446.76776	443.5465	437.52228	24.16973	24.888231	22.967962	-0.22684364	-0.049723674	-0.13712192	-0.13580927	1369.6821	321.79883	779.1111	2470.592
06-02-2022 03:30	49.99525	253.73936	261.784	251.27501	446.88577	443.6918	437.6031	24.1588	24.944515	23.05629	-0.22847843	-0.052729167	-0.13224337	-0.1357907	1379.8488	336.7435	766.2019	2482.7942
06-02-2022 03:31	49.958378	253.57675	261.2949	251.02725	446.3785	443.05212	437.19067	24.086931	24.472622	22.44486	-0.22501194	-0.07863472	-0.15829425	-0.15244345	1365.4373	503.12738	880.4487	2749.0137
06-02-2022 03:32	49.94919	253.51721	260.85605	251.1581	446.1819	442.72318	437.0771	24.036	23.690557	22.48909	-0.23083922	-0.10672608	-0.17489482	-0.16898176	1378.1007	630.4848	976.7927	2985.3784
06-02-2022 03:33	49.963963	253.50284	260.9041	251.32079	446.0258	442.98703	437.30743	24.017105	24.030937	22.373941	-0.23026824	-0.11990405	-0.1581273	-0.16914037	1390.4465	745.9463	985.1386	3121.0625
06-02-2022 03:34	50.00099	253.74396	261.46252	251.594	446.7184	443.59708	437.8632	24.060595	23.579334	22.40725	-0.23073713	-0.09885996	-0.16282399	-0.1639219	1388.2964	605.4524	904.782	2898.5308
06-02-2022 03:35	50.01263	253.67763	261.88193	251.55486	446.88113	443.79254	438.04727	24.07628	23.627195	21.431263	-0.22537291	-0.103885114	-0.23218863	-0.18469734	1355.774	639.0857	1234.2616	3229.1213
06-02-2022 03:36	50.042618	253.8334	262.1043	251.15819	447.2165	443.78015	437.70074	24.102985	23.706415	21.4406	-0.22548057	-0.10459898	-0.23021495	-0.18427676	1355.6654	651.8108	1218.433	3225.9092
06-02-2022 03:37	50.04286	253.99425	262.00513	251.01855	447.29288	443.6733	437.5988	24.084187	23.682976	21.43265	-0.22800393	-0.10419393	-0.23173152	-0.18548805	1357.824	639.85126	1215.3511	3213.0261
06-02-2022 03:38	50.029194	254.0219	261.78766	251.17894	447.2019	443.659	437.65173	24.916546	23.687315	21.527288	-0.22446437	-0.10610785	-0.2336877	-0.18610582	1392.0574	642.46716	1254.1809	3288.7056
06-02-2022 03:39	50.039528	254.09549	261.932	251.59978	447.28162	444.22925	438.10556	25.014803	24.690483	22.512589	-0.22305094	-0.08016492	-0.1690998	-0.1553441	1394.6296	518.46295	925.9546	2839.0474
06-02-2022 03:40	50.019444	253.84447	261.6665	251.57184	446.9158	443.84	437.91446	24.973232	24.9249	22.466696	-0.2238753	-0.09061847	-0.16775268	-0.15967494	1400.0239	585.8123	933.2804	2919.1167
06-02-2022 03:41	50.0457	254.40787	262.11093	252.01337	447.9239	444.43185	438.82333	25.066437	25.082333	22.525627	-0.22365692	-0.09176926	-0.15999658	-0.1576144	1405.876	597.1497	894.9607	2897.9863
06-02-2022 03:42	50.019836	254.29872	261.78143	252.00337	447.52112	444.40677	438.4762	24.964928	24.57312	24.362694	-0.22314763	-0.074347846	-0.11883953	-0.13845398	1395.36	476.38504	719.99396	2591.7388
06-02-2022 03:43	50.03353	254.3851	261.7197	252.08437	447.67197	444.4012	438.514	25.026476	24.661093	24.23389	-0.22007774	-0.07285401	-0.09586153	-0.12979013	1383.9606	466.9489	577.9977	2428.9072
06-02-2022 03:44	50.007305	254.71312	261.85873	252.015	447.92737	444.512	438.83676	25.88282	24.752472	24.231108	-0.18082623	-0.079644084	-0.09300208	-0.11876595	1179.2308	512.1223	560.8817	2252.2349
06-02-2022 03:45	50.000378	254.48425	261.83093	251.9011	447.62646	444.41785	438.59018	25.851093	24.55394	24.158005	-0.17869096	-0.07341534	-0.10141496	-0.11913828	1164.1787	481.66302	607.37036	2253.212
06-02-2022 03:46	49.97299	254.14908	261.83832	251.44704	447.26053	444.09216	437.93158	25.80366	24.45719	23.0592	-0.17726056	-0.07470403	-0.16114083	-0.13708937	1147.5374	475.2016	918.3581	2541.0972
06-02-2022 03:47	49.991913	254.30966	261.61523	251.55838	447.14197	444.0642	438.15942	25.830288	23.600086	23.057934	-0.17738838	-0.10073067	-0.15664646	-0.14526545	1146.7052	617.9405	889.31104	2653.957
06-02-2022 03:48	49.97596	254.10918	261.4345	251.3835	446.88907	443.66858	437.8447	25.801811	24.070816	23.019371	-0.17928158	-0.120713055	-0.1635929	-0.15437517	1154.1852	752.782	933.6286	2840.5957
06-02-2022 03:49	50.01126	254.33934	261.38095	251.8424	447.1003	444.08203	438.3182	25.83869	23.624804	24.27985	-0.18127908	-0.10065203	-0.095223054	-0.12687695	1173.5375	618.9949	574.27893	2366.8113
06-02-2022 03:50	50.02332	254.52798	261.7974	251.92113	447.5901	444.45398	438.64233	25.93564	24.20729	24.171343	-0.1794687	-0.07968397	-0.099124245	-0.12040024	1165.8489	500.44907	596.3474	2262.6453
06-02-2022 03:51	50.03043	254.24504	261.7319	251.29996	447.1988	443.83755	437.97348	25.8712	24.1754	24.272877	-0.17794825	-0.08360065	-0.100418404	-0.12196701	1161.6344	525.6846	604.50226	2291.8213
06-02-2022 03:52	50.02762	254.3589	261.87964	252.08176	447.598	444.64795	438.56906	25.037012	24.134085	24.259613	-0.22664835	-0.07670849	-0.09722092	-0.13396944	1420.6428	481.3135	586.33185	2488.2883
06-02-2022 03:53	50.024715	254.26164	261.79193	252.11789	447.51056	444.6089	438.4381	25.032484	24.165264	24.23309	-0.22616567	-0.07841509	-0.094756745	-0.13355596	1416.8203	492.5813	570.93726	2480.339
06-02-2022 03:54	49.99742	254.22678	261.59128	252.02356	447.40454	444.2185	438.36105	24.919525	23.947693	24.21627	-0.2270374	-0.09776155	-0.09536318	-0.14059688	1408.1212	615.0625	582.31146	2608.1514
06-02-2022 03:55	50.00054	254.4463	262.0852	252.30234	448.04254	444.76364	438.89658	25.006435	25.143707	24.116474	-0.22498429	-0.07885383	-0.10416977	-0.13561064	1410.0599	508.68423	624.85425	2543.5984
06-02-2022 03:56	49.985767	254.10738	262.10898	251.91498	447.6564	444.4961	438.33664	24.974361	24.93622	23.050146	-0.22231627	-0.06978427	-0.1624006	-0.1497987	1382.4623	452.3645	928.7299	2763.557
06-02-2022 03:57	50.055706	254.61191	262.3998	252.2575	448.1671	445.10065	439.18948	25.084183	24.97371	23.142418	-0.22023606	-0.06989032	-0.15969563	-0.14867455	1375.1467	450.55963	933.155	2758.8618
06-02-2022 03:58	50.061337	255.3213	263.20563	252.77284	449.49344	446.32083	440.16406	25.118393	24.983904	23.166124	-0.22375578	-0.070681304	-0.16078462	-0.14951937	1403.6012	466.6542	923.7601	2794.0156
06-02-2022 03:59	50.03274	255.63878	263.24945	253.3626	450.04572	446.7875	440.7898	25.171913	24.935886	24.360394	-0.22522748	-0.06329518	-0.09393429	-0.12723945	1428.0933	431.11578	586.3051	2445.5142
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
06-02-2022 04:00	50.04964	255.69757	263.68933	253.5586	450.44995	447.08325	441.28992	25.158875	25.01661	24.307611	-0.22700033	-0.06796962	-0.102562465	-0.1321545	1437.654	421.15094	625.95905	2484.7642
06-02-2022 04:01	50.069633	256.43878	264.53702	254.69382	451.96924	448.90823	442.66626	25.340195	25.225813	24.465965	-0.22725601	-0.067570016	-0.097443424	-0.1304412	1451.5266	432.48978	600.9421	2484.9585
06-02-2022 04:02	50.088547	258.7912	265.99142	256.59683	455.51675	451.60394	446.30637	25.40134	24.78671	24.615278	-0.23209462	-0.1110391	-0.09397193	-0.14619777	1498.9982	747.6663	586.1887	2832.2595
06-02-2022 04:03	50.091305	259.52628	266.94333	255.44484	456.03278	452.04556	446.289	25.185776	24.815556	23.78677	-0.22555885	-0.121930555	-0.41833192	-0.2505811	1441.9797	807.4773	2468.9734	4718.43
06-02-2022 04:04	50.088093	258.40988	265.75168	256.09503	454.84106	451.04572	445.59778	25.386818	24.561604	24.617935	-0.23126107	-0.09996187	-0.10071097	-0.14444685	1488.898	631.35815	616.3958	2736.6519
06-02-2022 04:05	50.06875	258.26822	265.90018	255.36359	454.51483	450.90646	444.81805	25.348354	24.43581	23.875875	-0.22787979	-0.09827876	-0.12807605	-0.15194349	1469.6388	628.3782	771.59595	2869.613
06-02-2022 04:06	50.027164	257.88138	265.74463	254.8024	453.86356	450.0053	444.45374	25.19737	24.25391	22.628622	-0.22771841	-0.100361034	-0.20122555	-0.17542545	1455.263	640.04584	1133.6709	3228.9797
06-02-2022 04:07	50.024273	257.89648	265.72067	254.76616	453.83875	450.08823	444.32022	25.240746	24.299261	22.239498	-0.22482525	-0.10196662	-0.21928442	-0.17934176	1439.2195	641.82446	1210.5906	3291.6345
06-02-2022 04:08	50.02515	257.76544	265.77664	254.79529	453.7647	450.1763	444.22717	25.220932	24.131348	22.178608	-0.22451355	-0.09485829	-0.21805368	-0.17742527	1433.561	604.6754	1211.1058	3249.3423
06-02-2022 04:09	49.977356	257.11652	265.03354	254.08199	452.55435	448.877	443.0891	25.119743	24.157856	22.142817	-0.22549069	-0.101521015	-0.22728702	-0.1828479	1430.808	644.6032	1257.1603	3332.5713
06-02-2022 04:10	49.963287	256.98172	265.0297	254.46489	452.77786	448.92847	443.23438	25.193293	25.52202	23.170116	-0.22860147	-0.08803334	-0.15174839	-0.15509956	1452.295	576.1538	878.96594	2907.4146
06-02-2022 04:11	49.959106	257.08243	265.1564	254.24318	452.8931	448.90668	443.15372	25.188044	25.062037	23.105118	-0.22541568	-0.04928702	-0.15738069	-0.14244094	1441.062	320.14502	912.98267	2674.1895
06-02-2022 04:12	49.96498	256.95697	265.05234	254.26375	452.78775	448.79956	443.00415	25.189144	25.29826	23.167238	-0.22619161	-0.05794219	-0.15132923	-0.14366329	1440.3185	385.28363	878.12067	2703.723
06-02-2022 04:13	49.99561	257.2256	265.39105	254.3845	453.15695	449.27084	443.42545	25.242216	25.188587	23.233227	-0.2251925	-0.049668342	-0.15180787	-0.14070599	1436.1038	332.39954	877.8136	2646.3171
06-02-2022 04:14	49.950127	256.89767	265.0632	254.08049	452.5977	448.62183	442.96893	25.158886	25.227188	23.131773	-0.22727823	-0.055051863	-0.1521837	-0.1432854	1446.0594	374.45746	868.57245	2689.0894
06-02-2022 04:15	49.978287	256.85422	265.1763	254.26265	452.71805	448.89883	443.00894	25.189869	25.167675	23.224293	-0.22623827	-0.05151141	-0.15213013	-0.14163259	1433.4926	345.4947	883.6298	2662.6172
06-02-2022 04:16	50.01636	257.01944	265.5299	254.03033	453.05142	449.06885	443.00638	25.015125	25.177013	22.078588	-0.19962397	-0.055878926	-0.23369466	-0.15814327	1258.304	364.58734	1277.9463	2900.8374
06-02-2022 04:17	50.015507	257.19934	265.8411	254.2845	453.46365	449.42908	443.52176	25.010216	25.469524	21.15857	-0.19996907	-0.06827487	-0.2679953	-0.17140934	1259.2715	453.8368	1414.7983	3127.9065
06-02-2022 04:18	50.017082	257.41763	265.52823	254.65437	453.54767	449.5221	443.8195	25.01286	24.205719	21.570265	-0.20010851	-0.12128985	-0.23813176	-0.1837422	1273.072	822.0755	1295.0604	3390.2078
06-02-2022 04:19	49.998756	257.3677	265.17203	254.34724	452.9978	449.11972	443.53586	25.907227	23.921345	21.649082	-0.15889749	-0.103792824	-0.23472889	-0.162505	1043.0919	651.28735	1274.3107	2968.69
06-02-2022 04:20	49.98726	257.28973	265.45618	254.34695	453.11182	449.30496	443.5932	25.897766	23.781658	22.724937	-0.15574975	-0.10089933	-0.15939303	-0.13827397	1020.9166	633.6654	906.95056	2561.5327
06-02-2022 04:21	49.97013	257.25732	265.15887	254.67902	453.0916	449.21237	443.70685	25.887238	23.868996	22.725803	-0.15755658	-0.1038888	-0.18566063	-0.14798677	1028.3021	659.9054	1054.1648	2742.3726
06-02-2022 04:22	49.99465	257.28937	265.28333	254.7832	453.15027	449.51315	443.80017	25.91196	23.885118	22.762358	-0.15597382	-0.103290856	-0.1808534	-0.14480612	1028.2322	641.24084	1022.0026	2691.4756
06-02-2022 04:23	50.024944	257.60785	265.65286	255.14119	453.7398	450.22763	444.3098	25.971622	24.014837	22.707058	-0.15634578	-0.107332654	-0.15964416	-0.14068656	1032.4297	677.0765	919.93884	2629.4453
06-02-2022 04:24	50.027153	258.01642	265.46417	255.28629	454.1372	450.216	444.5565	25.99741	24.491804	22.716228	-0.15883344	-0.11765685	-0.15646057	-0.14400204	1044.638	777.3138	892.47876	2714.4307
06-02-2022 04:25	50.03465	258.1901	265.64948	255.43192	454.54556	450.45724	444.78177	26.002144	24.570099	22.733309	-0.16026959	-0.12696241	-0.15935017	-0.14854974	1053.9121	783.8824	906.4927	2744.287

06-02-2022 04:26	50.022606	258.19266	266.2571	255.20776	454.80045	450.68573	444.9682	26.00827	24.881823	21.690079	-0.15404198	-0.07587475	-0.25267282	-0.15532753	1013.4644	486.6695	1379.6545	2879.7886
06-02-2022 04:27	50.035313	258.29486	266.53592	255.44743	455.18375	451.13983	445.20737	25.098373	24.893211	21.686192	-0.2011881	-0.07529188	-0.23667641	-0.16469105	1282.5343	466.56122	1283.5906	3032.686
06-02-2022 04:28	50.04608	258.44736	266.5749	255.41953	455.19702	451.10727	445.50644	25.117949	24.989483	21.623335	-0.19830832	-0.0784149	-0.2377021	-0.16701034	1266.0658	518.4309	1292.915	3077.4119
06-02-2022 04:29	50.020733	258.38373	266.5457	255.33676	455.20874	450.97888	445.3206	25.047165	24.813637	21.76538	-0.19717252	-0.07390447	-0.23919556	-0.1655861	1253.1937	485.4663	1304.6307	3043.2908
06-02-2022 04:30	50.009827	258.38113	266.30753	255.86426	455.29562	451.1791	445.52713	24.444105	24.989765	22.761951	-0.23128659	-0.07150324	-0.16227446	-0.15304938	1439.9904	437.86517	936.72906	2814.5847
06-02-2022 04:31	50.0283	258.56052	266.49448	256.01025	455.57434	451.52686	445.78915	24.438734	24.915867	23.344133	-0.232134	-0.0691716	-0.13656965	-0.14449513	1436.3179	455.7959	800.23474	2692.3486
06-02-2022 04:32	50.040127	258.58594	266.53433	256.02014	455.58234	451.67294	445.76703	24.511614	25.404846	23.371704	-0.23308752	-0.088605605	-0.1322764	-0.15009741	1447.6769	632.70807	778.0823	2858.467
06-02-2022 04:33	50.028168	258.68066	266.3559	255.83946	455.3577	451.52515	445.68225	24.403582	23.92453	23.406437	-0.23406892	-0.09543596	-0.12904944	-0.15283898	1455.2134	621.34985	754.6884	2831.2515
06-02-2022 04:34	50.03292	258.7875	266.5869	255.56662	455.38965	451.48227	445.80527	24.45032	23.970526	23.378553	-0.23323676	-0.09965137	-0.12912448	-0.15409194	1443.0548	628.5969	757.7073	2829.3591
06-02-2022 04:35	50.03742	258.8031	266.39627	255.77193	455.43793	451.50024	445.7917	24.435287	23.914722	23.458534	-0.23594008	-0.09316563	-0.130083	-0.15306175	1471.8268	601.35913	773.25995	2840.0396
06-02-2022 04:36	50.02917	258.92844	266.42737	255.87148	455.4882	451.60376	446.07892	24.447994	23.992496	23.40523	-0.23755431	-0.09847578	-0.13936074	-0.15837692	1474.6956	614.9951	812.9334	2902.6243
06-02-2022 04:37	50.016632	258.9873	266.66083	255.8285	455.7576	451.74527	446.10223	24.489216	24.437914	23.378517	-0.23568584	-0.07671431	-0.16278762	-0.15717506	1463.1565	497.14615	958.46045	2918.7632
06-02-2022 04:38	49.982826	258.87344	266.39185	255.74953	455.37314	451.48715	445.94305	24.428669	24.327898	23.399546	-0.2390238	-0.096297786	-0.16344935	-0.16549698	1481.6381	619.96387	961.821	3063.4229
06-02-2022 04:39	50.003544	258.86603	266.3514	255.85158	455.3934	451.54904	445.95483	24.454899	24.760456	23.335989	-0.23823108	-0.1076615	-0.16024978	-0.16878816	1479.2959	719.9195	941.54614	3140.7617
06-02-2022 04:40	49.99225	258.82822	266.13354	255.98946	455.22357	451.55823	445.91064	24.43445	24.176525	24.576412	-0.24140182	-0.08043838	-0.093262754	-0.13789076	1499.6084	513.08984	577.9284	2590.627
06-02-2022 04:41	49.99964	258.8471	266.53983	256.13367	455.6328	451.9308	446.11633	24.509611	25.270662	24.522861	-0.24085419	-0.06238107	-0.10150802	-0.13323277	1499.1637	417.18445	627.2628	2543.6108
06-02-2022 04:42	50.00289	258.87714	266.48004	256.13367	455.61804	451.83856	446.17053	24.544222	25.266191	24.633297	-0.24012324	-0.0632755	-0.10070204	-0.1329995	1496.4862	420.73117	624.661	2541.8784
06-02-2022 04:43	49.987633	258.85486	266.41873	256.0866	455.61276	451.65356	446.1336	24.550762	25.338366	24.579494	-0.23952538	-0.06413281	-0.0958962	-0.13062896	1494.4628	415.20074	589.8222	2499.4856
06-02-2022 04:44	49.975628	258.6218	266.40372	255.96503	455.31665	451.51587	445.92645	24.483843	25.151224	23.983982	-0.23955521	-0.06004543	-0.12171289	-0.13995554	1496.2726	405.9477	742.8816	2645.102
06-02-2022 04:45	50.001484	258.52814	266.3876	255.84045	455.32144	451.43158	445.60352	24.515	25.381783	23.959885	-0.23868814	-0.06394516	-0.12106794	-0.13949248	1489.1853	411.7934	726.28546	2627.2642
06-02-2022 04:46	50.010242	258.58484	266.5555	256.12277	455.50604	451.60892	446.1138	24.554604	25.860828	23.829672	-0.24047512	-0.08386971	-0.12768562	-0.15033196	1501.366	595.1173	768.2667	2864.75
06-02-2022 04:47	50.017258	258.6669	266.78036	255.79526	455.5845	451.54047	446.06982	24.562292	25.747396	22.7989	-0.23453784	-0.058892086	-0.19061868	-0.15753074	1464.1425	394.98376	1094.301	2953.4272
06-02-2022 04:48	50.064407	259.14413	266.80167	255.52444	455.9953	451.62573	445.977	24.498653	24.41653	22.864534	-0.23538399	-0.073074274	-0.18545529	-0.16295892	1464.3207	468.35815	1061.4808	2994.1597
06-02-2022 04:49	50.03949	259.1258	266.82166	255.48102	455.8281	451.52936	446.16357	24.48042	24.418325	22.825085	-0.23554505	-0.0715155	-0.1840917	-0.16143794	1467.027	445.0664	1056.623	2968.7163
06-02-2022 04:50	50.019775	258.47452	266.70663	256.20956	455.43066	451.79068	446.22656	24.51232	24.322872	23.995796	-0.23811515	-0.08536451	-0.11971587	-0.1472788	1479.9342	530.969	725.3484	2736.252
06-02-2022 04:51	50.00288	258.3705	266.63684	256.07956	455.2313	451.6725	446.0189	24.48381	24.20493	23.88556	-0.23636574	-0.08358649	-0.12653902	-0.1485819	1470.542	535.4896	762.038	2768.0698
06-02-2022 04:52	50.00316	258.28827	266.45755	256.0535	455.0231	451.51266	445.88828	24.477646	24.319372	23.919983	-0.2385613	-0.085854955	-0.11451186	-0.14591752	1472.9373	557.10034	692.9424	2722.48
06-02-2022 04:53	49.970695	258.21997	266.25354	256.0456	454.87247	451.24786	445.81613	24.468824	24.87125	23.881643	-0.24008094	-0.110034905	-0.11642782	-0.1550785	1486.3264	707.00415	692.78564	2886.1162
06-02-2022 04:54	49.973877	258.10678	266.14084	255.71796	454.5034	451.0782	445.39984	25.349651	24.605291	23.918837	-0.19393799	-0.10282144	-0.11472162	-0.13755976	1247.296	665.9375	691.21985	2604.4534
06-02-2022 04:55	49.993546	258.3316	266.39053	255.88051	454.80417	451.4626	445.81726	25.428007	24.220482	24.582184	-0.19210409	-0.08474931	-0.09024688	-0.12296746	1240.0242	542.55865	558.6085	2341.1914
06-02-2022 04:56	49.9736	257.97504	266.5193	255.92416	454.7198	451.39777	445.6457	25.451029	25.28894	24.491251	-0.19086936	-0.062646985	-0.099645846	-0.117309846	1230.7411	418.57123	615.40765	2264.7202
06-02-2022 04:57	50.003212	258.01562	266.63394	255.68591	454.79236	451.23132	445.5957	25.417244	25.165407	23.386593	-0.18965396	-0.060507078	-0.15969989	-0.13507403	1221.4396	402.80804	939.6388	2563.8865
06-02-2022 04:58	50.02569	257.9343	266.7035	255.99509	454.84198	451.51025	445.7805	25.442131	25.321297	23.377728	-0.18374212	-0.044296507	-0.1559914	-0.12607428	1182.7742	296.6214	919.71893	2399.1145
06-02-2022 04:59	50.04567	257.90994	266.6561	256.0536	454.89035	451.57126	445.65106	25.414762	25.229027	23.259676	-0.18512462	-0.0645914	-0.15676701	-0.1340152	1191.8541	430.9296	924.1372	2546.9211
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
06-02-2022 05:00	50.06832	258.08774	266.86533	256.59058	455.28522	452.3928	446.0382	25.511963	25.410948	24.60704	-0.18652938	-0.062215313	-0.09379721	-0.113757156	1206.6222	421.662	589.1316	2213.1033
06-02-2022 05:01	50.07733	258.0661	266.97723	256.70764	455.51184	452.47723	446.08603	25.548225	25.737455	24.538195	-0.18519306	-0.054114867	-0.097803414	-0.11160484	1200.1368	367.8284	603.9151	2171.8804
06-02-2022 05:02	50.074497	257.99973	267.4258	256.4815	455.84418	452.2934	446.20358	24.608974	25.264978	24.605524	-0.23190111	-0.034913916	-0.09461669	-0.11838368	1440.7703	236.00807	594.7907	2271.5688
06-02-2022 05:03	50.08025	258.0636	267.26862	256.4301	455.37518	452.45837	446.258	24.575274	24.40392	24.671223	-0.2318822	-0.06521684	-0.09742503	-0.13064012	1445.9104	431.13736	606.7063	2483.754
06-02-2022 05:04	50.055775	257.9594	266.73682	256.64783	455.02737	452.189	446.14844	24.537842	24.40645	24.575794	-0.23234662	-0.08820976	-0.09193155	-0.13684757	1442.8607	564.2199	574.20953	2581.2903
06-02-2022 05:05	50.038887	257.62573	266.49414	256.2716	454.55582	451.66107	445.49997	24.453812	23.792004	24.541433	-0.23232722	-0.10774474	-0.09146927	-0.14261429	1440.2162	672.6038	565.74835	2678.5684
06-02-2022 05:06	50.00829	257.5975	266.42694	256.09506	454.36758	451.49423	445.38394	24.37377	23.808947	24.447935	-0.23492707	-0.10623467	-0.09926439	-0.14649165	1446.3563	664.76935	609.4194	2720.545
06-02-2022 05:07	49.97986	257.7556	265.6614	255.33563	454.1217	450.39203	444.37296	21.870121	23.9068	23.10425	-0.1009878	-0.11368304	-0.1519018	-0.12225795	566.6958	719.95337	888.9765	2175.6255
06-02-2022 05:08	49.94224	257.43576	265.41248	255.0555	453.73654	449.9042	443.77682	22.078022	24.288162	23.028534	-0.09019973	-0.12867953	-0.15190707	-0.12407266	515.7108	820.8963	875.4837	2208.997
06-02-2022 05:09	49.94286	257.258	265.21164	254.93958	453.54962	449.5225	443.48782	22.082293	24.473858	23.05083	-0.092541695	-0.13683178	-0.15241772	-0.12793805	520.045	877.2655	883.4635	2280.774
06-02-2022 05:10	49.929066	257.06274	264.87625	254.87944	452.76523	449.48813	443.28265	22.064857	23.831713	24.185259	-0.09227599	-0.11136549	-0.09310346	-0.09921777	520.7507	697.09485	569.65546	1787.501
06-02-2022 05:11	49.91562	256.45517	264.5114	254.57597	452.01877	448.61053	442.69208	22.021296	24.882536	24.166574	-0.09370073	-0.091122806	-0.09888427	-0.09450514	520.16125	602.9414	601.33154	1725.8405
06-02-2022 05:12	49.896626	256.2731	264.41116	254.30843	451.76163	448.47202	442.1405	22.030876	24.540287	23.091633	-0.09007999	-0.077328645	-0.1291076	-0.098148055	504.39267	502.61456	753.5167	1760.5239
06-02-2022 05:13	49.876804	256.43533	264.55737	254.30531	452.26974	448.01962	442.60492	22.03491	24.927141	23.091002	-0.0905101	-0.07101552	-0.12951882	-0.09599339	511.51465	474.81805	741.1084	1727.4412
06-02-2022 05:14	49.90532	256.41428	264.72412	254.49478	452.0759	448.56064	442.8391	22.122671	24.835304	23.01054	-0.09157823	-0.06473588	-0.1382724	-0.09692095	513.6117	422.26962	802.2069	1738.0883
06-02-2022 05:15	49.91748	256.60428	264.8064	254.7303	452.52386	448.9304	442.90506	22.15324	25.270626	23.05783	-0.094150074	-0.10360206	-0.14122938	-0.11268215	529.5911	692.2129	815.84753	2037.6516
06-02-2022 05:16	49.93131	256.88904	265.04922	254.0674	452.80978	448.50397	442.81488	22.105415	24.985474	23.202492	-0.09202002	-0.07505275	-0.13771221	-0.10056078	517.4453	492.89853	799.8968	1810.2406
06-02-2022 05:17	49.9644	256.92746	265.38312	254.02551	452.85034	448.87775	442.97394	22.10953	24.8042	22.03704	-0.089596756	-0.07465657	-0.2031693	-0.11902814	499.51382	488.17194	1118.9329	2106.6187
06-02-2022 05:18	50.00359	257.06247	265.4907	254.6774	453.14056	449.65305	443.4574	22.129086	24.744484	22.12137	-0.0898394	-0.06355623	-0.20286378	-0.115733646	509.47382	414.368	1125.0608	2048.9026
06-02-2022 05:19	50.00578	256.9225	265.01144	254.28091	452.51227	449.00986	442.96936	22.593115	23.839758	22.11367	-0.07147944	-0.095473304	-0.1986674	-0.12013862	411.03284	597.67413	1098.5079	2107.2148
06-02-2022 05:20	49.99396	257.5354	265.37973	254.73233	453.42404	449.6219	443.92487	22.658154	23.936687	22.622742	-0.071283676	-0.09512263	-0.1742607	-0.113145225	406.88858	606.30334	995.3903	2008.5822
06-02-2022 05:21	49.984814	257.48022	265.426	254.69107	453.3933	449.57327	443.9165	22.61566	24.044592	22.06316	-0.071358524	-0.10271079	-0.1925732	-0.120645136	411.23688	623.99243	1072.2349	2107.4644
06-02-2022 05:22	49.99002	257.12946	265.1735	254.49918	452.85867	449.28397	443.36478	22.606058	24.034796	22.05458	-0.07173202	-0.10415645	-0.19276556	-0.121381864	413.8075	675.8629	1061.7802	2151.4504
06-02-2022 05:23	49.979557	257.94232	264.6609	254.36345	453.2328	448.97586	443.5859	22.64109	24.675175	21.978554	-0.07367462	-0.12680686	-0.19392042	-0.13034429	425.98923	815.30023	1068.8228	2310.112
06-02-2022 05:24	49.9715	257.58096	264.43454	254.12346	452.75528	448.58423	443.02237	22.616102	24.265942	22.040453	-0.07030342	-0.075517565	-0.19070789	-0.10975187	405.93198	481.3011	1050.5542	1937.7871
06-02-2022 05:25	49.962086	257.7258	264.49915	253.83427	452.6393	448.56677	443.01862	22.581066	24.112272	21.96009	-0.07012494	-0.071267605	-0.1983457	-0.110568024	413.57407	452.13223	1083.8044	1949.5107
06-02-2022 05:26	49.94979	257.78537	264.75568	253.66542	453.02615	448.5182	442.9395	22.571507	24.432247	21.010197	-0.067426704	-0.08778092	-0.28077036	-0.1391394	390.134	571.7766	1474.0538	2435.9644
06-02-2022 05:27	49.957428	257.73557	264.92578	253.71822	453.11874	448.50253	443.15964	22.638653	25.02146	20.996655	-0.06513808	-0.04665373	-0.2685256	-0.11874779	368.20764	297.74316	1408.7417	2074.6926
06-02-2022 05:28	49.93519	257.2293	264.54947	253.56392	452.1517	448.22565	442.6051	22.600405	25.191795	20.925472	-0.06486815	-0.05493622	-0.26785356	-0.12207512	382.96143	364.6971	1401.3678	2149.0264
06-02-2022 05:29	50.004005	257.62448	264.6776	253.36864	452.58386	448.29245	442.67883	23.773476	25.201286	21.081093	-0.024048561	-0.055178102	-0.26206574	-0.10517754	145.98735	365.73517	1376.2489	1887.9714
06-02-2022 05:30	50.04085	257.9689	264.94174	253.91891	453.28717	449.01562	443.2603	23.876493	25.867825	22.053787	-0.027225347	-0.067239165	-0.1962519	-0.09257755	166.17592	454.95517	1079.6271	1700.7582
06-02-2022 05:31	50.049873	257.9024	264.50305	253.8394	453.09235	448.46408	442.99298	23.819187	25.748253	22.1232	-0.029460838	-0.068467475	-0.18734922	-0.09131546	178.50864	511.23856	1034.0485	1723.7957
06-02-2022 05:32	50.044174	257.87	264.4431	254.56102	452.9606	449.18527	443.48758	23.811224	25.43966	23.819828	-0.03340881	-0.04962636	-0.12232294	-0.06712933	196.50343	331.69965	730.4369	1258.6399
06-02-2022 05:33	50.02291	257.8752	264.32593	254.5216	453.02594	448.9541	443.3912	23.81711	25.441816	23.81977	-0.03194365	-0.04687591	-0.124859616	-0.06642281	198.45316	308.44022	740.74896	1247.6423
06-02-2022 05:34	50.00722	257.62994	263.6984	253.92014	452.01685	448.2816	442.5199	23.688414	24.466772	23.687157	-0.033677083	-0.083741255	-0.13079226	-0.08243574	199.90625	546.2866	779.3414	1525.5342
06-02-2022 05:35	50.00898	257.70682	263.6688	253.85771	452.1483	448.04877	442.595	23.698366	24.428656	23.693544	-0.028102381	-0.08237676	-0.12210417	-0.07731465	169.93347	530.89746	720.5226	1421.3536
06-02-2022 05:36	49.955093	257.4173	263.62775	253.4859	451.79666	447.65442	442.1263	22.47391	24.158329	22.5038	-0.06561726	-0.07328053	-0.19704841	-0.11013545	380.29865	479.75177	1106.7311	1967.0315
06-02-2022 05:37	49.943382	257.21347	263.47543	253.44441	451.69528	447.42422	441.77017	22.54938	24.76632	22.388397	-0.07138031	-0.100123614	-0.19257627	-0.120383315	407.75592	656.623	1080.8928	2145.2717
06-02-2022 05:38	49.932056	257.12106	263.39447	253.24648	451.57358	446.88974	441.7811	22.46647	24.766022	22.365223	-0.06964251	-0.10038188	-0.1920526	-0.11913065	402.3184	642.58105	1072.9795	2117.879
06-02-2022 05:39	49.96588	256.88843	263.27484	253.03381	451.101	446.825	441.34152	22.48309	24.195648	22.411097	-0.06587848	-0.0730862	-0.20101608	-0.11154276	382.10706	461.36227	1126.2891	1969.7583
06-02-2022 05:40	49.983997	256.73724	262.3725	253.62718	450.6657	446.686	441.11032	22.480118	24.171093	23.448807	-0.073049255	-0.09329449	-0.12611818	-0.0975846	420.05997	581.9378	734.46014	1736.458
06-02-2022 05:41	49.990795	256.7905	262.4239	253.83008	450.67715	446.91522	441.40073	22.484718	24.206875	23.574295	-0.073907696	-0.09185469	-0.1180668	-0.094764516	425.07343	578.1028	685.6544	1687.854
06-02-2022 05:42	50.017857	256.9359	262.67493	254.06786	451.20068	447.07672	441.8131	22.573494	25.259872	23.597164	-0.07154923	-0.06572909	-0.11671214	-0.08408875	410.2722	447.51575	684.4681	1542.256
06-02-2022 05:43	50.017582	257.2177	263.03137	254.2498	451.69302	447.65555	442.16476	22.602728	25.21251	23.581928	-0.070672154	-0.067562446	-0.115752965	-0.08444279	407.7997	442.2561	694.48706	1544.5428
06-02-2022 05:44	49.995567	256.77206	262.82635	253.28827	450.8147	446.73694	441.17505	22.510715	25.171766	23.47338	-0.07040739	-0.068997264	-0.12163468	-0.0864336	403.7715	453.9305	713.9592	1571.6613
06-02-2022 05:45	50.006367	256.68842	262.74588	253.54655	450.92453	446.67883	441.28317	22.550066	25.563213	23.475395	-0.071489185	-0.07844535	-0.12711333	-0.09192544	410.38803	521.5489	747.54895	1679.486
06-02-2022 05:46	49.953465	256.58096	262.5831	253.51472	450.5057	446.7004	441.15668	22.491951	25.19057	22.366371	-0.06933988	-0.07041152	-0.18771046	-0.1067965	396.54422	462.10382	1050.9038	1909.552
06-02-2022 05:47	49.929653	256.36935	262.49664	253.40407	450.27875	446.45593	440.91998	22.453878	25.074612	22.905901	-0.07078405	-0.066603206	-0.15507951	-0.09614416	405.41226	450.515	893.13367	1749.061
06-02-2022 05:48	49.932556	256.33615	262.37836	253.1526	450.37744	446.18286	440.39938	22.494152	25.200026	22.770765	-0.06960308	-0.07430313	-0.15102667	-0.097152255	398.3171	489.1104	863.5962	1751.0237
06-02-2022 05:49	49.931942	256.62946	262.1189	253.91902	450.1487	446.9954	441.19336	22.460154	24.358261	24.119434	-0.07573948	-0.09711867	-0.083941296	-0.08551965	433.15057	601.39923	512.83057	1547.3804
06-02-2022 05:50	49.908527	256.81097	262.04077	253.77176	450.28867	446.8017	441.17148	22.48426	24.426373	24.06388	-0.07397682	-0.09886916	-0.08942005	-0.08785036	414.08502	635.1504	535.69366	1584.9291
06-02-2022 05:51	49.89776	256.55115	262.10794	253.58102	450.05576	446.52426	441.01926	22.428425	24.301235	24.125154	-0.07717462	-0.09788574	-0.087628044	-0.087917805	432.80154	603.1762	527.65247	1563.6302

06-02-2022 05:52	49.9244	256.6171	262.0259	253.75232	450.2024	446.63715	441.0271	22.45389	24.425835	24.107319	-0.07934604	-0.13469794	-0.08453919	-0.100432836	457.56903	837.52185	499.49216	1794.5831
06-02-2022 05:53	49.92711	256.38745	261.65387	253.50374	449.58914	446.29257	440.51154	22.434141	24.313057	24.137907	-0.08069388	-0.13144782	-0.08759471	-0.10070141	459.2958	825.34216	536.9594	1821.5974
06-02-2022 05:54	49.900486	256.32312	261.63992	253.13666	449.4572	446.1161	440.0515	22.434757	23.942265	24.092224	-0.07990155	-0.12042936	-0.082390405	-0.09477609	452.22165	745.441	511.2729	1708.9355
06-02-2022 05:55	49.94308	256.44754	261.6287	253.13155	449.76352	445.86404	440.18433	22.431097	24.010647	24.07777	-0.07864511	-0.120128535	-0.0913718	-0.097308435	448.80002	748.7237	549.85876	1747.3826
06-02-2022 05:56	49.966557	256.44058	262.3094	253.09767	450.1177	446.18533	440.62186	22.433529	23.878078	22.906132	-0.07348503	-0.10167575	-0.15308517	-0.10921243	419.73798	633.32117	875.868	1928.9271
06-02-2022 05:57	50.02623	256.36298	262.52206	253.14246	450.2281	446.15646	440.85095	22.49775	24.788223	23.007465	-0.0730397	-0.073656894	-0.15563862	-0.099714294	418.9049	477.15338	895.5437	1791.602
06-02-2022 05:58	50.065765	256.50208	263.06873	253.21387	450.8795	446.47256	441.19693	22.580774	24.86309	22.49506	-0.07100749	-0.071442224	-0.18093967	-0.10713699	415.0605	480.78162	1017.9511	1913.7933
06-02-2022 05:59	50.109478	255.9811	263.43402	254.09158	450.5982	447.5114	441.6841	22.63366	25.53246	23.683289	-0.07623574	-0.103120305	-0.11768926	-0.09383149	425.86398	593.69305	699.6742	1719.2312
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
06-02-2022 06:00	50.150272	256.56	264.01883	255.10947	451.6353	449.11844	442.8193	22.711155	25.119747	23.718952	-0.075169645	-0.0762798	-0.12339551	-0.09119513	433.87387	502.76526	737.73096	1674.3701
06-02-2022 06:01	50.199642	258.16302	265.7948	256.73438	454.94852	451.928	445.36572	22.90308	25.160343	23.996937	-0.07482844	-0.06968265	-0.1179778	-0.08710654	428.8001	477.85825	712.98865	1619.3268
06-02-2022 06:02	50.20796	260.1309	267.73843	258.3266	457.9373	455.2542	448.58652	24.124184	25.219555	24.181261	-0.032497097	-0.07172163	-0.12028252	-0.07504799	203.18375	491.10016	740.411	1434.6948
06-02-2022 06:03	50.23896	261.10132	268.7848	259.3664	460.225	456.59048	450.25385	24.286612	25.516031	24.287666	-0.032552566	-0.07623435	-0.11297806	-0.07383893	204.46295	519.07446	701.46594	1425.0034
06-02-2022 06:04	50.186188	262.0634	269.97598	260.26462	461.9291	458.32153	452.10416	24.356077	25.361637	24.392282	-0.03271724	-0.07016557	-0.11482837	-0.071565375	193.32518	475.8426	716.9876	1386.1554
06-02-2022 06:05	50.151787	262.8371	270.48438	260.62805	462.71088	459.50168	452.99692	24.354	24.809473	24.332354	-0.03481493	-0.11104911	-0.119582035	-0.08698873	209.88788	715.3822	743.8302	1669.1003
06-02-2022 06:06	50.1245	262.75745	271.00345	260.5072	462.72736	459.84625	453.18893	24.321835	24.42711	23.187914	-0.028245613	-0.09949838	-0.18157355	-0.10140029	183.47876	650.8695	1070.751	1905.0994
06-02-2022 06:07	50.060116	262.1479	270.6471	259.96524	461.8218	458.85883	452.4668	24.24278	24.499243	22.042725	-0.026432527	-0.108957805	-0.2244483	-0.115958944	161.00134	742.761	1274.4918	2178.2542
06-02-2022 06:08	50.02858	261.96585	269.98047	259.37088	460.9473	457.85147	451.847	24.168207	24.14501	22.01813	-0.026665531	-0.09615031	-0.22363217	-0.111334704	163.82251	628.5363	1259.0203	2051.3792
06-02-2022 06:09	49.981277	261.32574	269.0359	259.2344	459.81458	457.01245	450.8372	24.100178	24.211557	23.59997	-0.030323418	-0.09306798	-0.1265277	-0.084379226	181.93932	624.0632	770.41675	1576.4192
06-02-2022 06:10	49.964325	260.7541	268.96503	259.27438	459.28702	456.88385	450.4486	22.96955	24.869755	23.468199	-0.07666274	-0.08263005	-0.13614506	-0.09750749	452.71094	537.6061	815.68445	1806.0015
06-02-2022 06:11	49.991955	260.48978	269.0264	259.38226	459.2557	456.94565	450.25433	22.950188	24.613287	23.570282	-0.07665349	-0.07085974	-0.12747468	-0.09086884	454.42746	452.89218	772.40875	1679.7284
06-02-2022 06:12	49.9841	260.65378	269.20587	258.91376	459.53174	456.56168	450.14743	22.987154	24.75362	23.549814	-0.07240998	-0.074543245	-0.12762803	-0.09103249	432.4663	460.57693	762.944	1655.9873
06-02-2022 06:13	49.992924	260.47202	269.06274	259.21738	459.37375	456.6203	450.20673	23.010117	25.7872	23.495531	-0.069680244	-0.047519602	-0.12652639	-0.079731226	408.91364	333.07776	766.5149	1508.5063
06-02-2022 06:14	50.02903	260.61914	269.211	259.10822	459.52185	456.73203	450.27142	23.065834	26.00025	23.560284	-0.06682088	-0.058649972	-0.13022985	-0.083986565	395.67694	393.35638	785.5616	1574.595
06-02-2022 06:15	50.06365	260.85486	269.61777	258.84525	459.96243	456.92816	450.2972	23.044718	25.563429	22.425158	-0.06106676	-0.043793485	-0.21335082	-0.10066021	365.3104	294.3039	1203.1377	1862.7521
06-02-2022 06:16	50.106716	260.9503	269.66965	259.11035	460.2498	456.85004	450.7949	23.09862	25.63881	22.527748	-0.062251367	-0.045142755	-0.20195012	-0.09860142	369.56366	299.6447	1158.2596	1827.468
06-02-2022 06:17	50.12068	261.01065	269.5909	259.08246	460.3811	456.69635	450.73743	23.059116	25.591198	22.49133	-0.063392736	-0.04440607	-0.19817391	-0.09799724	365.6343	317.70758	1135.3981	1818.74
06-02-2022 06:18	50.134342	261.7733	269.91934	259.17303	461.13837	457.3647	451.364	23.150328	25.809668	22.507881	-0.060015917	-0.05274683	-0.1965888	-0.099321276	371.75177	380.37274	1124.7358	1875.7041
06-02-2022 06:19	50.144573	261.47165	269.83313	259.4831	460.39957	458.01883	451.31345	23.13946	25.826591	23.749172	-0.06362831	-0.0492282	-0.13175243	-0.08013949	390.57245	336.93616	782.5463	1510.0549
06-02-2022 06:20	50.136543	261.64178	269.61703	259.35388	460.8	457.2394	451.38544	23.087923	24.683716	23.666876	-0.06530045	-0.06950831	-0.13492195	-0.08936148	386.71423	469.2676	811.8757	1667.8577
06-02-2022 06:21	50.128567	261.61182	269.28238	259.3241	460.28824	457.43573	451.02148	23.076801	25.48922	23.67118	-0.066860214	-0.106740594	-0.13115205	-0.10637896	408.549	789.9322	804.20197	2002.6831
06-02-2022 06:22	50.12452	261.43933	269.19156	259.34747	460.0543	457.07416	451.19522	23.095543	25.81683	23.549744	-0.070329644	-0.12006988	-0.12654246	-0.10635985	400.66827	679.90936	772.31396	1852.8916
06-02-2022 06:23	50.095467	261.49582	269.05402	259.16797	459.92755	456.72177	451.22058	23.067448	24.76205	23.624022	-0.0660916	-0.07249581	-0.12664032	-0.08798307	382.30984	470.87762	769.2377	1623.0267
06-02-2022 06:24	50.06023	261.44675	268.97653	258.99927	460.00018	456.77286	450.5939	23.059834	24.841097	23.588503	-0.064521655	-0.07537365	-0.12703212	-0.088586845	396.71207	484.35693	764.2331	1645.3021
06-02-2022 06:25	50.03877	260.97757	268.98474	258.24402	459.16504	456.18994	449.90598	22.929287	24.823555	22.470123	-0.06338623	-0.08307757	-0.22675383	-0.12162726	375.0462	549.1166	1292.8912	2217.054
06-02-2022 06:26	50.012085	261.87082	268.29865	257.39313	459.42065	455.515	449.21918	22.888046	24.700329	22.416119	-0.062118128	-0.07481984	-0.20972009	-0.11277293	368.11447	491.49115	1188.6921	2048.2979
06-02-2022 06:27	49.965195	261.75446	267.73752	257.70715	459.09177	455.35776	449.07114	22.819164	24.492361	23.418169	-0.067203954	-0.08882697	-0.15029553	-0.1017797	396.50372	577.5931	892.8722	1866.969
06-02-2022 06:28	50.004295	262.27454	268.16846	258.13867	459.9901	456.1364	449.78934	22.97401	25.89029	23.400341	-0.066087574	-0.053183176	-0.15086101	-0.08829518	394.39758	365.4126	898.024	1657.8342
06-02-2022 06:29	50.001987	262.23154	267.92984	258.37006	459.90652	456.08972	449.82935	22.96703	26.000572	24.652485	-0.07253436	-0.05504153	-0.086109884	-0.070678644	432.23572	379.9802	540.6843	1352.9003
06-02-2022 06:30	50.048424	262.65918	267.98538	258.67612	460.37238	456.35095	450.46674	22.988068	25.65521	24.698973	-0.07294181	-0.035923477	-0.09452134	-0.0668214	435.7024	245.21806	594.95325	1275.8738
06-02-2022 06:31	50.086906	262.69366	268.21915	258.83136	460.40475	456.87042	450.64825	23.064539	25.955341	24.77039	-0.07456779	-0.050786357	-0.08322162	-0.06691291	442.154	324.0296	526.2124	1292.3961
06-02-2022 06:32	50.113342	262.81778	268.38388	258.8894	460.8016	457.1166	450.6079	23.094587	25.798801	24.853333	-0.07406456	-0.04109504	-0.08870707	-0.068057865	448.77914	298.1532	561.0693	1308.0017
06-02-2022 06:33	50.11	263.0219	268.41858	258.8048	461.20847	456.8511	450.73547	23.112953	25.82505	24.802277	-0.07290369	-0.040051702	-0.086353905	-0.06557246	442.7319	295.31012	536.9133	1274.9553
06-02-2022 06:34	50.101032	263.07013	268.35547	258.79892	461.29645	456.5304	450.9315	23.08959	25.860283	24.216394	-0.07289549	-0.046691407	-0.10743867	-0.074608564	433.8686	322.54626	658.6773	1413.6859
06-02-2022 06:35	50.08182	262.7787	268.63757	258.1444	460.52637	456.52417	450.56143	23.005096	25.707855	22.890282	-0.0681667	-0.04634804	-0.19108099	-0.098361	411.12683	312.74356	1110.8508	1834.7212
06-02-2022 06:36	50.073708	262.53366	268.05518	257.90524	459.9063	455.49603	450.35825	23.005032	25.50266	22.246944	-0.070430495	-0.10888328	-0.21521705	-0.12723687	417.0053	702.5055	1215.3445	2334.8555
06-02-2022 06:37	50.071205	263.20605	267.93033	257.7122	460.52167	455.49838	450.35822	24.147322	24.709332	22.337723	-0.027150126	-0.09737444	-0.20713131	-0.10688924	173.74861	635.0256	1169.8656	1978.6399
06-02-2022 06:38	50.04956	262.96594	267.53116	257.74808	459.76703	455.24966	450.3104	24.07443	24.398705	23.443258	-0.03163313	-0.09733766	-0.1386394	-0.088414975	197.91425	628.17255	824.5051	1650.592
06-02-2022 06:39	50.0294	262.5562	267.36325	257.10434	459.18094	454.60648	449.42758	24.02768	24.240324	23.383392	-0.033876553	-0.118495435	-0.13682441	-0.095214024	199.99373	759.94275	810.79865	1770.7351
06-02-2022 06:40	50.025013	262.3133	267.27316	256.99368	458.84756	454.50238	449.09637	24.0045	24.072384	23.327507	-0.03282236	-0.10965746	-0.14170049	-0.09398384	199.63515	701.4901	841.0113	1742.1365
06-02-2022 06:41	50.017944	262.07443	266.68652	257.09033	458.35748	454.0608	448.76205	23.98994	24.17187	23.384186	-0.032584224	-0.11616678	-0.1350318	-0.09313483	198.20639	726.5374	798.426	1723.1699
06-02-2022 06:42	50.011265	261.69943	266.5773	256.89893	457.99948	453.71185	448.30023	23.93955	24.008938	23.344913	-0.033782437	-0.11020262	-0.13530321	-0.09253125	206.98189	719.3004	796.56445	1722.8467
06-02-2022 06:43	50.030273	261.47913	266.66693	256.8511	457.9133	453.8163	447.97467	24.010008	25.122025	23.330355	-0.03236092	-0.090219885	-0.13742033	-0.08490447	202.8169	585.25916	797.16705	1585.243
06-02-2022 06:44	49.984276	261.25558	266.47607	256.47693	457.7289	453.236	447.3766	23.967905	25.365845	23.29097	-0.033410408	-0.09892965	-0.13779162	-0.089447364	207.41003	726.0077	806.08264	1739.5005
06-02-2022 06:45	50.019947	261.16156	266.64386	256.5028	457.67496	453.3507	447.48877	22.843912	25.00634	22.644485	-0.0758063	-0.08507772	-0.18953782	-0.11478081	447.65414	563.95026	1081.7347	2093.3394
06-02-2022 06:46	50.044476	261.03992	266.6814	256.56808	457.56693	453.45865	447.45587	22.848532	25.147554	22.660011	-0.07253483	-0.0907002	-0.1868952	-0.11460902	430.11856	593.2053	1071.22	2094.544
06-02-2022 06:47	50.05164	260.7966	266.50705	256.34445	457.43494	452.94702	446.99084	22.825012	25.081245	22.721308	-0.073094636	-0.08879579	-0.18344536	-0.11344836	433.24124	568.8532	1000.885	2002.9795
06-02-2022 06:48	50.068092	260.80222	266.2793	256.94955	457.29797	453.4144	447.3166	22.837929	25.244457	23.921013	-0.07679226	-0.08560666	-0.11882433	-0.09411004	450.50235	575.91205	720.683	1747.0974
06-02-2022 06:49	50.05639	260.8328	266.05624	256.7577	457.47266	452.82584	447.06522	22.799397	25.014002	23.946213	-0.07816899	-0.07594246	-0.11606953	-0.089747995	452.85284	495.351	701.48346	1649.6874
06-02-2022 06:50	50.045406	260.39795	265.80798	256.43683	456.6393	452.43665	446.54898	22.803493	24.982328	23.801573	-0.07673258	-0.078613915	-0.123468086	-0.09260171	444.48016	515.70386	730.76447	1690.9485
06-02-2022 06:51	50.047085	260.33395	265.72757	256.33322	456.45862	452.31143	446.42535	22.761265	24.673744	23.782099	-0.07137363	-0.13088025	-0.12539613	-0.110554665	421.13068	864.98224	744.7034	2030.8164
06-02-2022 06:52	50.02201	260.49686	265.8024	256.2739	456.44614	452.52332	446.535	22.759937	24.136414	23.889938	-0.06883137	-0.110663824	-0.121954024	-0.10095127	405.12616	712.4547	727.67755	1845.2585
06-02-2022 06:53	50.01818	260.65796	266.02908	255.88081	456.61597	452.5263	446.35733	22.698513	24.032845	23.916443	-0.06938049	-0.1092636	-0.11718794	-0.09801053	400.36893	678.3227	709.1184	1787.81
06-02-2022 06:54	49.984943	260.19467	265.86862	255.17603	456.01248	451.72858	445.46228	22.667734	23.951637	22.670776	-0.066254415	-0.120318025	-0.18882175	-0.12442998	386.62866	762.9725	1077.2223	2226.8235
06-02-2022 06:55	49.981014	259.3037	265.20795	255.20781	454.8174	451.18677	444.56223	22.634008	23.89617	22.57589	-0.06841173	-0.11293985	-0.18351236	-0.120910764	398.05322	710.9619	1042.5422	2151.5574
06-02-2022 06:56	49.976093	259.39523	265.457	255.34924	455.24033	451.3661	444.7969	22.668995	24.434845	22.503723	-0.06695606	-0.094599396	-0.19050188	-0.115928724	390.31247	608.8473	1079.2227	2078.3826
06-02-2022 06:57	50.011826	259.66235	265.4801	255.62411	455.45966	451.6269	445.29254	22.6852	24.444454	22.627762	-0.066556044	-0.097903006	-0.1837784	-0.11433647	381.50006	627.4795	1048.8569	2057.8364
06-02-2022 06:58	50.054466	259.82248	265.71475	256.19	456.15378	452.2044	445.6836	22.823374	25.996017	23.826233	-0.06826939	-0.063585006	-0.118724264	-0.08335907	409.72498	436.29822	714.7053	1560.7285
06-02-2022 06:59	50.073162	260.3311	266.06375	256.62732	456.92465	452.6259	446.7323	22.842491	25.89493	23.8676	-0.06909003	-0.06121554	-0.1175555	-0.08182783	400.7436	428.5507	713.0987	1542.3928
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
06-02-2022 07:00	50.090805	260.22922	266.073	256.57544	456.51318	452.67297	446.8454	22.835587	25.63201	23.919968	-0.06897004	-0.05059149	-0.117326014	-0.0779635	402.03354	352.4762	704.4891	1458.9988
06-02-2022 07:01	50.111256	260.20416	266.1307	256.5513	456.52832	453.01587	446.50403	22.875824	25.54764	23.862782	-0.06784454	-0.04543326	-0.12282109	-0.07767827	404.55563	302.6312	742.0849	1449.2717
06-02-2022 07:02	50.129025	259.97653	265.90717	256.17117	455.79303	452.47128	446.34222	22.892962	25.657465	23.376495	-0.066479854	-0.053078484	-0.12518385	-0.08025696	391.25644	373.86017	726.8718	1491.9884
06-02-2022 07:03	50.15311	260.13226	266.13647	256.15326	456.0531	452.93295	446.25848	22.854033	25.437782	23.462774	-0.067325056	-0.04511518	-0.121779546	-0.07665816	386.49786	306.0525	735.13635	1427.6868
06-02-2022 07:04	50.13708	260.0915	266.31555	255.77026	456.33945	452.03912	446.4453	22.83733	25.377926	22.223732	-0.061641417	-0.04668585	-0.19326322	-0.096568346	363.33005	333.5349	1111.189	1808.054
06-02-2022 07:05	50.109585	259.67398	265.97394	255.56679	455.55347	452.13867	445.4656	22.79362	25.356817	22.208542	-0.062988445	-0.04815324	-0.19239989	-0.09589862	362.54315	310.07855	1068.1176	1740.7391
06-02-2022 07:06	50.09349	260.14267	265.47733	255.45058	455.894	451.39197	445.6207	22.77978	24.975857	22.09693	-0.06547369	-0.09689028	-0.19803731	-0.117917426	383.8699	636.20557	1101.2816	2121.3572
06-02-2022 07:07	50.082813	260.09186	265.48175	255.10371	455.70413	451.03815	445.48495	22.770605	24.555828	23.28967	-0.06949268	-0.07910588	-0.12867516	-0.091971986	407.87936	512.232	754.6347	1674.7461
06-02-2022 07:08	50.05208	259.67563	264.29385	254.61551	454.30392	449.61563	444.67706	22.679485	24.461508	23.282955	-0.07106824	-0.078879766	-0.11940408	-0.08944694	415.04092	507.0127	698.5348	1620.5884
06-02-2022 07:09	50.033253	259.25772	264.46564	254.80275	454.0884	450.17422	444.23248	22.686798	24.341476	23.275167	-0.07344385	-0.07399778	-0.11968309	-0.08859566	428.32764	473.9241	700.13684	1602.3887
06-02-2022 07:10	49.99822	259.57596	264.34793	254.75716	454.1463	450.17676	444.43817	23.631168	24.440983	23.337204	-0.033458695	-0.07881667	-0.12371082	-0.07806217	204.50476	506.54086	725.686	1436.7316
06-02-2022 07:11	49.9723	258.93066	263.98657	254.04854	453.252	449.28812	443.25345	23.688442	24.172722	22.630293	-0.031112587	-0.076237045	-0.14464632	-0.082497515	189.36388	485.74704	820.73737	1495.8484
06-02-2022 07:12	49.96375	259.01804	264.01666	253.958	453.25488	449.20636	443.37894	23.707178	24.37124	22.539028	-0.03100256	-0.07947046	-0.15419485	-0.0863185	186.92892	508.15414	869.89374	1564.9768
06-02-2022 07:13	49.95938	258.28076	263.58658	253.29512	452.36627	448.1981	442.1097	23.637463	24.844402	21.444118	-0.02846043	-0.108608045	-0.22545035	-0.11253742	172.18298	629.63306	1208.9006	2010.7166
06-02-2022 07:14	49.924965	257.87692	263.60654	253.25671	452.10056	448.01926	441.82434	23.621288	25.425795	21.373611	-0.028538764	-0.067178614	-0.21622597	-0.098370224	168.4314	432.43655	1153.704	1754.572
06-02-2022 07:15	49.973564	257.75378	263.4748	253.08498	451.62274	447.88785	441.69223	23.640612	25.203938	21.422459	-0.02719428	-0.055820346	-0.2182986	-0.095510006	160.86331	371.7912	1186.9559	1719.6105
06-02-2022 07:16	50.010098	258.18222	263.85168	253.33546	452.30176	448.25003	442.4798	23.724625	25.320158	21.381777	-0.025744565	-0.05759713	-0.22477981	-0.096422434	167.21893	390.59503	1189.6863	1747.5002

06-02-2022 07:17	50.053024	258.09503	263.58426	253.69629	452.25705	448.26477	442.518	23.769638	25.556356	22.504663	-0.030146467	-0.061481524	-0.15019813	-0.07733234	177.90373	403.7045	842.33215	1423.9404
06-02-2022 07:18	50.059174	257.8963	263.93423	253.93115	452.57312	448.47928	442.65802	22.677042	25.339287	22.579384	-0.07626833	-0.050417054	-0.14601675	-0.088598095	443.13266	347.6048	824.8655	1615.603
06-02-2022 07:19	50.09324	257.9904	263.68152	253.83298	452.2784	448.39178	442.59332	22.676447	25.22712	22.610176	-0.073119916	-0.048240088	-0.14593063	-0.08683427	429.33142	317.92365	826.3358	1573.5911
06-02-2022 07:20	50.08395	257.97635	263.67606	253.27132	452.20435	448.0701	441.98755	22.656395	25.73057	22.57368	-0.07259722	-0.0707656	-0.14238687	-0.09361853	421.08188	475.8728	804.67615	1701.6309
06-02-2022 07:21	50.095898	258.02982	263.15402	253.0334	451.91623	447.40176	441.7185	22.64231	24.834534	23.595564	-0.07573517	-0.09164352	-0.110683545	-0.092766955	438.11505	591.59955	653.46826	1683.1829
06-02-2022 07:22	50.067924	257.74417	262.9122	253.14288	451.47815	447.2964	441.53497	22.582146	24.348612	23.703344	-0.07603752	-0.0764174	-0.10774226	-0.08657999	438.72037	486.34332	638.9809	1564.0444
06-02-2022 07:23	50.056942	258.08203	262.73434	253.06125	451.35382	447.27048	441.81714	22.548119	24.441137	23.06259	-0.07480635	-0.10375723	-0.1501026	-0.109372385	430.8553	661.9577	865.7142	1958.5272
06-02-2022 07:24	50.03987	257.33466	262.4689	252.93695	450.71878	446.7089	441.04572	22.511625	24.23571	23.054726	-0.07441529	-0.09150217	-0.15184247	-0.10548638	427.76492	578.70496	874.74176	1881.2115
06-02-2022 07:25	50.02118	257.2451	262.1008	252.808	450.46173	446.3995	440.59473	22.493965	24.1173	23.00128	-0.07603899	-0.12793832	-0.14830814	-0.117758416	446.3955	797.7164	837.5676	2082.2263
06-02-2022 07:26	50.01663	257.42874	261.88464	253.3634	450.62302	446.7704	440.96143	22.476757	24.120804	24.131779	-0.08115343	-0.12111969	-0.088504344	-0.09750019	464.2783	764.2698	527.16516	1755.7134
06-02-2022 07:27	49.98778	257.50095	261.78568	253.25731	450.5642	446.54178	441.0187	22.4629	23.937872	24.20534	-0.081478864	-0.11734724	-0.083681315	-0.094611816	457.83557	726.38245	500.0583	1684.2762
06-02-2022 07:28	49.98298	257.67627	261.9684	253.55612	451.01642	446.88165	441.3638	22.48053	24.264751	24.251406	-0.075202316	-0.12820594	-0.08424576	-0.096665435	435.15808	820.49194	509.73495	1765.385
06-02-2022 07:29	50.024643	257.42877	262.31485	253.57153	451.00864	447.0341	441.42078	22.585209	24.799994	24.303629	-0.071573436	-0.08735657	-0.08563932	-0.08213456	417.87976	565.27576	521.2302	1504.3857
06-02-2022 07:30	50.04728	257.39328	262.4163	253.86632	451.1146	447.3633	441.60898	22.59321	25.036146	24.266703	-0.07231238	-0.09197963	-0.084323004	-0.082356185	417.46994	580.9272	513.7709	1512.168
06-02-2022 07:31	50.076553	257.44196	262.1507	253.74007	450.83936	447.03745	441.61395	22.60048	25.0823	24.211094	-0.07202292	-0.09019582	-0.0931915	-0.08546977	415.9591	587.2346	565.9139	1569.1075
06-02-2022 07:32	50.089806	257.65082	262.11578	253.35463	450.9873	446.92188	441.21762	22.565483	24.788969	23.13692	-0.06952531	-0.088521086	-0.15446205	-0.10355276	400.99493	573.31433	893.31287	1867.6221
06-02-2022 07:33	50.09053	257.86826	262.33435	253.51994	451.45218	447.18	441.53705	22.616016	24.723577	23.07184	-0.06920763	-0.084921345	-0.14694399	-0.09974755	398.99487	547.90295	849.45264	1796.3506
06-02-2022 07:34	50.07724	257.79306	262.33374	252.73297	451.03372	446.28833	441.3584	22.562054	24.876806	23.07748	-0.068918586	-0.09128055	-0.15253861	-0.10370223	397.54968	591.4506	878.1045	1867.1047
06-02-2022 07:35	50.07718	257.68448	262.13394	252.70708	450.91278	446.02112	441.16705	22.554089	25.209415	23.05286	-0.06809148	-0.10655868	-0.15665789	-0.110223636	392.55176	698.85205	900.56006	1991.9639
06-02-2022 07:36	50.057953	257.87582	261.84464	253.48796	450.9094	446.70233	441.66238	22.544773	24.318367	24.20158	-0.07374855	-0.13062993	-0.09549713	-0.10082542	431.42044	844.24426	594.41455	1870.0792
06-02-2022 07:37	50.036537	257.6705	261.85797	253.45416	450.81296	446.85538	441.21472	22.525434	24.069683	24.25575	-0.073032305	-0.11721998	-0.0880727	-0.09336368	423.67477	737.8301	540.92883	1702.4336
06-02-2022 07:38	50.015327	257.8956	262.29773	253.58589	451.44894	447.2115	441.60596	22.538784	24.039894	24.299717	-0.07514821	-0.11650418	-0.08824346	-0.093842514	432.954	710.44366	540.7235	1683.5898
06-02-2022 07:39	50.027782	257.77585	262.45993	253.79893	451.47556	447.37872	441.8547	22.512005	23.993279	24.32386	-0.073819414	-0.113455616	-0.08758303	-0.092147075	427.30255	681.1721	532.4488	1640.9235
06-02-2022 07:40	50.02478	257.65182	262.4466	253.45413	451.24393	447.17398	441.4585	22.546328	24.142265	24.20809	-0.07139919	-0.0996545	-0.09523487	-0.08918811	414.78314	633.7667	581.1293	1629.6791
06-02-2022 07:41	50.01115	257.7983	262.2966	253.42001	451.27008	447.08545	441.4544	22.464998	23.889854	24.309826	-0.07396763	-0.09082749	-0.087739356	-0.08442631	427.38498	552.1394	525.3008	1504.8252
06-02-2022 07:42	50.02483	257.77316	262.19675	252.93765	451.09445	446.4289	441.23813	22.525824	24.07043	23.032104	-0.06857886	-0.10018629	-0.15517063	-0.107265435	402.9876	615.761	884.0963	1902.8448
06-02-2022 07:43	50.00943	257.7643	262.27115	253.14496	451.16748	446.68777	441.3777	22.501492	25.010838	23.040699	-0.07185006	-0.105256215	-0.15219022	-0.109604836	406.86447	594.06854	869.6426	1870.5756
06-02-2022 07:44	49.99934	257.8378	262.49677	252.93176	451.09323	446.7975	441.49265	23.652544	25.196434	23.126738	-0.028244823	-0.051482033	-0.15701309	-0.07695864	167.73283	347.3206	906.81104	1421.8645
06-02-2022 07:45	49.97209	257.70142	262.091	253.00592	450.77286	446.509	441.28775	23.66454	25.17442	24.159214	-0.030868558	-0.048301775	-0.092011526	-0.056799974	184.67482	327.85327	572.37744	1084.9055
06-02-2022 07:46	50.035583	257.9036	262.46716	253.39024	451.23657	447.3763	441.6234	23.682491	25.51868	24.325047	-0.033661358	-0.06039733	-0.08662143	-0.06027555	202.16156	412.56778	531.21857	1145.9479
06-02-2022 07:47	50.05077	257.08792	262.4308	253.57857	450.75848	447.0449	441.2838	23.704456	25.23613	24.3628	-0.034569763	-0.044341136	-0.08785361	-0.056097157	204.36797	308.9683	536.2928	1049.629
06-02-2022 07:48	50.06851	257.8	262.91208	253.00404	451.42227	447.13797	441.6054	23.710127	25.391647	23.77186	-0.03168894	-0.05732223	-0.11670857	-0.06792847	191.99933	380.6407	693.8382	1266.4781
06-02-2022 07:49	50.036816	257.51462	262.42886	253.11974	450.82336	446.9365	441.27017	23.66058	25.323185	23.688013	-0.032184448	-0.05477554	-0.11289905	-0.06655014	199.29602	368.24612	670.7935	1238.3357
06-02-2022 07:50	50.037025	258.11877	262.80374	253.58408	451.82104	447.57834	442.13077	23.744156	25.764626	23.59761	-0.034622826	-0.068077184	-0.11885459	-0.073272906	202.34375	430.80582	703.8567	1337.5336
06-02-2022 07:51	50.020493	258.1486	263.01596	251.93011	451.48596	446.596	441.01456	23.553852	25.383656	23.344112	-0.022574855	-0.06614073	-0.44216377	-0.17018285	132.59882	425.28915	2558.6565	3116.5444
06-02-2022 07:52	50.039066	257.57974	262.45874	252.84749	450.9456	446.836	440.9443	22.562271	24.57548	22.606506	-0.07620938	-0.08270141	-0.20038666	-0.11793992	443.9148	534.7009	1131.6318	2110.2476
06-02-2022 07:53	50.011948	257.31122	262.0708	252.4309	450.2935	446.08725	440.4862	22.447775	23.742044	22.167074	-0.074251875	-0.09519335	-0.23778115	-0.13346863	418.56897	589.36816	1317.1743	2325.1116
06-02-2022 07:54	50.022503	257.14673	262.01257	252.6509	450.34995	445.99902	440.51276	22.474672	23.85597	22.043447	-0.07215433	-0.095769025	-0.23382422	-0.13150503	418.41672	598.17725	1293.7487	2310.3425
06-02-2022 07:55	50.03436	257.20734	262.11542	252.8441	450.42923	446.49066	440.55826	22.481838	23.998402	23.076849	-0.075615555	-0.10152855	-0.1686999	-0.114957616	427.74963	625.96185	987.5404	2039.9082
06-02-2022 07:56	50.03862	256.63434	262.44943	252.91498	450.2651	446.3915	440.5332	22.522928	23.957588	23.168888	-0.0739785	-0.09960864	-0.16249359	-0.11184316	423.85165	622.0655	941.09796	1987.0151
06-02-2022 07:57	50.05146	256.74103	262.60513	252.97542	450.44528	446.5145	440.78928	22.562317	24.340778	21.926958	-0.07247365	-0.11460057	-0.18834956	-0.12385317	422.567	726.57227	1027.333	2176.4722
06-02-2022 07:58	50.040073	256.78534	262.58014	252.90184	450.34503	446.5137	440.796	22.548048	24.320223	21.923029	-0.07107882	-0.110567875	-0.18643552	-0.1213297	418.05664	762.49603	1018.5507	2199.783
06-02-2022 07:59	50.04293	256.66586	262.71686	252.93716	450.3946	446.6135	440.7389	22.569794	24.84706	22.541565	-0.071767285	-0.069149315	-0.16887559	-0.10140495	420.62146	471.71658	945.49414	1837.8322
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
06-02-2022 08:00	50.06031	256.24078	262.46136	252.45888	449.60812	446.0029	440.12878	22.522617	24.83201	22.440742	-0.070274845	-0.07379923	-0.16604502	-0.101644896	412.7755	497.6571	934.0601	1844.4928
06-02-2022 08:01	50.063553	256.87488	263.36368	252.37749	450.95926	446.5193	440.78864	22.550255	24.842255	21.475077	-0.06555598	-0.07954767	-0.23903066	-0.12349486	381.18375	523.63245	1269.8842	2174.7002
06-02-2022 08:02	50.063824	256.7036	263.39105	252.96219	450.82877	446.908	441.28726	22.584518	24.676497	21.448627	-0.066317566	-0.06952652	-0.22816579	-0.11683961	386.24057	446.07043	1225.3014	2057.6123
06-02-2022 08:03	50.030968	256.84756	263.43262	252.95322	451.08554	447.03046	441.21677	22.548016	24.785194	21.406565	-0.06778125	-0.075403966	-0.22735907	-0.11950907	387.63248	498.41153	1218.2643	2104.308
06-02-2022 08:04	50.022503	256.7917	263.38638	252.94055	450.9674	447.01498	441.1513	22.56514	24.685476	21.326427	-0.06769264	-0.07305817	-0.23517558	-0.12050756	389.1612	473.1089	1252.9144	2115.1846
06-02-2022 08:05	49.998394	256.771	262.7069	252.83226	450.6214	446.23123	440.87747	22.556341	25.288532	22.353157	-0.07248549	-0.09697496	-0.16255249	-0.10955851	409.13803	633.1742	907.47833	1949.7906
06-02-2022 08:06	49.98292	257.05457	262.5498	253.10274	450.94623	446.2591	441.20956	22.518684	24.857595	22.397974	-0.06843084	-0.09697431	-0.1530825	-0.105408095	394.88977	608.9719	855.46716	1860.2585
06-02-2022 08:07	49.971947	257.16495	262.5637	253.22493	450.9296	446.60547	441.30637	22.507397	23.70478	22.419521	-0.06776051	-0.11387154	-0.14985605	-0.109981716	386.19263	700.7653	840.9072	1927.8651
06-02-2022 08:08	50.0127	257.09015	262.71555	253.36569	450.89053	446.8887	441.43912	22.491016	23.76186	22.455326	-0.06928115	-0.11340714	-0.1511545	-0.11122286	397.9797	704.93475	849.84406	1952.7585
06-02-2022 08:09	49.983616	257.1697	262.58044	253.20918	450.98013	446.6158	441.25604	22.481792	23.76028	22.344707	-0.066798754	-0.11453871	-0.15004525	-0.11025134	383.34567	712.4342	839.9505	1935.7302
06-02-2022 08:10	49.989254	257.07898	262.5816	253.14148	450.9454	446.4732	441.16156	22.498566	23.992071	22.337929	-0.06629609	-0.12189759	-0.15752316	-0.115075596	383.82776	765.13306	877.6434	2026.6041
06-02-2022 08:11	50.00185	256.9927	262.86633	252.84857	450.97583	446.34662	441.09726	22.470871	23.795893	21.314432	-0.06339318	-0.118420206	-0.22666979	-0.13354436	361.10315	743.30817	1207.6082	2312.371
06-02-2022 08:12	50.01945	257.07343	262.2035	252.51651	450.58142	445.73825	440.51624	22.526228	24.240694	21.302908	-0.06669655	-0.12908988	-0.22271088	-0.13715887	381.77808	811.4585	1182.0079	2375.2444
06-02-2022 08:13	50.039177	257.10333	262.33	252.47614	450.6144	445.84314	440.58032	22.501133	24.146986	21.311829	-0.06376812	-0.13079223	-0.22007468	-0.13600591	365.80255	822.8214	1170.6451	2359.269
06-02-2022 08:14	50.004547	257.01318	262.17007	252.06741	450.2966	445.6574	439.94528	22.43726	23.911114	22.342155	-0.06605601	-0.11607483	-0.16096312	-0.11406268	379.182	722.3362	896.12616	1997.6443
06-02-2022 08:15	50.005318	256.78186	262.23663	252.15305	450.244	445.6333	439.88535	22.46709	24.649586	22.40725	-0.06606307	-0.08383055	-0.15	-0.098916285	377.90527	539.1076	836.7081	1753.721
06-02-2022 08:16	49.983433	256.71185	261.84695	252.55354	449.91	445.79172	439.95148	22.479275	24.584984	23.519278	-0.06952283	-0.07787541	-0.11224347	-0.08680848	398.72522	503.8678	658.5958	1561.1888
06-02-2022 08:17	49.95924	256.85538	261.76697	252.4764	450.07327	445.5417	440.01483	22.443645	24.807255	23.449276	-0.07040213	-0.08825607	-0.11276422	-0.09055215	404.28082	583.4653	663.21326	1650.9595
06-02-2022 08:18	49.97255	256.83017	261.7926	252.38965	449.98688	445.624	439.87015	22.507391	25.151976	23.509243	-0.07099083	-0.08766641	-0.11377209	-0.09083421	401.48557	568.87946	667.6716	1638.0365
06-02-2022 08:19	49.950417	256.59247	261.54214	252.27165	449.8214	445.19025	439.4192	22.47308	25.823803	23.397629	-0.072717495	-0.118535936	-0.1210314	-0.10497272	416.293	751.671	687.3119	1855.2759
06-02-2022 08:20	49.99886	257.2848	261.82623	252.09877	450.31097	445.39438	440.11987	23.621418	25.720314	22.410204	-0.026905952	-0.1157116	-0.18316637	-0.104092725	159.70926	715.57684	1025.7129	1900.999
06-02-2022 08:21	49.97773	257.1131	261.97116	251.99268	450.1487	445.618	439.8298	23.628227	25.299723	22.984417	-0.026705358	-0.095302716	-0.1475379	-0.08903057	156.46194	629.909	845.3045	1631.6754
06-02-2022 08:22	50.009396	257.13623	262.22867	252.00911	450.25067	445.96445	439.89703	23.594257	24.650356	23.002089	-0.029366085	-0.109999925	-0.14804053	-0.09528855	176.60677	705.53436	847.792	1729.9331
06-02-2022 08:23	50.032455	257.4337	262.11276	252.5058	450.57663	446.22452	440.48102	23.627855	24.728174	24.292002	-0.034099944	-0.1108166	-0.08928607	-0.07880222	205.6974	713.6304	540.6996	1460.0273
06-02-2022 08:24	50.009056	257.2141	262.1006	252.20381	450.29816	445.81778	440.24426	23.610634	24.386234	23.558239	-0.032270722	-0.09971674	-0.116401315	-0.08282344	194.34915	633.7282	683.2336	1511.311
06-02-2022 08:25	50.017124	257.45706	261.95987	252.2289	450.3898	445.81332	440.37576	23.601854	24.423275	23.669596	-0.033457283	-0.09901289	-0.10821873	-0.080367535	201.70808	629.46063	638.3206	1469.4895
06-02-2022 08:26	49.999863	257.18088	261.88257	252.18541	450.09152	445.73538	440.0642	23.60464	24.658367	23.619583	-0.033550065	-0.10484649	-0.10846465	-0.08256558	201.92519	670.6318	638.62476	1511.1818
06-02-2022 08:27	49.973392	256.9304	261.60687	252.09393	449.69373	445.33215	439.79428	23.593884	24.842087	23.605598	-0.035056166	-0.12669592	-0.11460719	-0.092827775	210.67244	819.7185	673.85675	1704.2478
06-02-2022 08:28	49.98793	256.69415	261.86856	251.98877	449.88263	445.31863	439.48584	22.530405	24.458694	23.55785	-0.07975953	-0.10257603	-0.11229673	-0.09847223	456.70038	654.4	657.7019	1768.8022
06-02-2022 08:29	50.01365	256.64087	261.3523	252.21394	449.63083	445.0083	439.44525	22.50108	24.446766	23.48265	-0.078879036	-0.09839132	-0.1161934	-0.09797007	452.14783	624.1559	668.04926	1744.353
06-02-2022 08:30	50.003937	256.56277	261.86566	252.09372	449.8802	445.2532	439.5024	22.505264	25.277739	22.405138	-0.073768936	-0.071281314	-0.18036796	-0.10609902	421.89917	468.56592	1004.8862	1895.3513
06-02-2022 08:31	49.965973	256.58038	261.7344	251.98523	449.65652	445.0381	439.55527	22.512026	25.428158	22.398863	-0.07336433	-0.08006406	-0.18285069	-0.10991432	419.3753	529.6357	1018.83026	1967.8412
06-02-2022 08:32	49.993404	256.85236	262.38034	252.46053	450.44775	445.9185	440.29807	22.57766	25.483929	22.45616	-0.07308729	-0.0795064	-0.18109488	-0.109056406	420.1212	527.6824	1012.7875	1960.5911
06-02-2022 08:33	49.984592	257.70776	262.7632	253.57584	451.63385	447.24994	441.8508	22.661491	25.439949	23.660797	-0.07690718	-0.07161432	-0.112277895	-0.086218156	443.7199	474.22443	664.96124	1582.9055
06-02-2022 08:34	49.998672	258.00412	262.88113	253.62616	451.9384	447.53183	442.06955	22.670635	25.842619	23.562656	-0.07565536	-0.08801111	-0.116637036	-0.09329728	437.60605	656.7732	699.39087	1793.7701
06-02-2022 08:35	49.993263	258.5768	263.5556	254.15169	453.10815	448.66586	442.83795	22.728813	26.181664	23.667442	-0.07829525	-0.09669702	-0.110711314	-0.09542018	455.1503	656.71967	657.9918	1769.8618
06-02-2022 08:36	50.006844	259.55402	264.45456	255.34843	454.66922	450.54376	444.71805	22.80298	25.692492	24.472286	-0.07694622	-0.07166928	-0.08615726	-0.078080185	457.02747	483.45367	533.275	1473.7561
06-02-2022 08:37	50.032852	259.55685	264.12637	255.09671	454.18863	450.1942	444.5465	22.700212	24.664917	24.41547	-0.07857558	-0.09632238	-0.085813895	-0.087205335	458.62424	622.6799	528.40234	1609.7064
06-02-2022 08:38	50.03156	260.0761	264.54764	255.44095	455.28598	450.65372	445.21716	22.750431	24.92154	24.42553	-0.07770526	-0.105543315	-0.0852099	-0.09000256	459.3938	680.8766	530.3356	1670.606
06-02-2022 08:39	50.049248	259.8747	264.83627	254.93369	455.08142	450.48163	444.87247	22.72436	24.705395	23.21705	-0.07433143	-0.07723171	-0.16095057	-0.10321003	434.49814	500.66013	939.97705	1875.1353
06-02-2022 08:40	50.0377	259.67502	264.94534	255.01956	455.0417	450.49405	444.89206	22.750439	24.657667	23.225143	-0.07186856	-0.07301542	-0.14950146	-0.09726487	420.16534	472.12238	873.69293	1765.9807
06-02-2022 08:41	50.016724	259.54788	264.8969	254.80435	454.8301	450.27777	444.64417	22.727165	24.832592	23.251554	-0.07222107	-0.08183568	-0.15191297	-0.10126122	422.03857	532.3573	887.96014	1842.356
06-02-2022 08:42	50.00303	259.24005	264.2316	255.18207	454.35626	449.98746	444.36935	22.726322	25.090118	24.41231	-0.0774497	-0.09472137	-0.08769125	-0.08701117	452.99902	620.99695	538.87836	1612.8743

06-02-2022 08:43	50.00605	259.62598	264.31665	255.24286	454.645	450.25894	444.72977	22.69808	24.677828	24.441736	-0.07580495	-0.07646634	-0.08471645	-0.07901007	444.7949	506.14975	528.88354	1479.8281
06-02-2022 08:44	50.009148	259.80655	264.5658	255.21425	455.15765	450.36615	444.8078	22.722178	24.706804	24.413868	-0.06956454	-0.07704599	-0.093221456	-0.08006819	402.72812	502.3167	576.22595	1481.2708
06-02-2022 08:45	49.9961	259.6104	264.54346	255.13277	454.996	450.10147	444.7152	22.742502	25.52747	24.44909	-0.06981323	-0.04678135	-0.08981647	-0.068143375	411.9723	317.57437	549.74884	1278.4674
06-02-2022 08:46	50.00588	259.86826	264.89227	255.40569	455.4567	450.7012	445.1788	22.793049	25.462128	24.463785	-0.069883935	-0.044397593	-0.09017294	-0.06744453	415.62668	296.9018	552.08887	1264.6173
06-02-2022 08:47	49.980576	259.45364	264.52383	254.96048	454.68234	450.0766	444.45087	22.709316	25.54371	24.414656	-0.071040876	-0.048464373	-0.09031523	-0.069220506	413.33258	324.79913	554.81006	1292.9418
06-02-2022 08:48	49.970543	259.20865	264.30072	254.49522	454.25873	449.61975	443.71707	22.648193	25.317963	23.134134	-0.06494106	-0.06872563	-0.16042669	-0.09666228	383.11966	482.1549	919.8565	1785.1311
06-02-2022 08:49	49.973293	259.417	264.4206	254.44658	454.54822	449.57504	443.9582	22.665264	25.270702	23.032114	-0.06893898	-0.1054341	-0.15520771	-0.110801496	398.2364	725.02136	900.23596	2023.4937
06-02-2022 08:50	49.997524	259.8124	264.97296	254.99478	455.26147	450.594	444.81644	22.700157	25.020245	23.201046	-0.06682361	-0.091643006	-0.1490888	-0.101571865	389.17395	609.0514	860.5366	1858.7621
06-02-2022 08:51	49.98357	259.51636	264.6411	255.17033	455.00876	450.30862	444.56744	22.670233	24.954718	23.174135	-0.0699156	-0.09007123	-0.14867653	-0.10236995	407.48825	591.9485	866.8268	1866.2634
06-02-2022 08:52	49.98828	259.04755	264.291	254.70451	454.1941	449.58047	443.88583	22.67314	24.90034	23.22835	-0.067819156	-0.09159424	-0.12200607	-0.093747474	394.55368	590.0841	715.27124	1699.909
06-02-2022 08:53	49.99156	258.93234	264.22314	254.31602	453.8514	449.3917	443.42966	22.663147	24.208431	23.241367	-0.06804491	-0.12829687	-0.119876586	-0.1062395	396.6112	816.7548	697.53357	1910.8997
06-02-2022 08:54	49.9755	258.79126	264.10052	254.22025	453.52148	449.23663	443.2911	22.603577	23.968151	23.157824	-0.06956992	-0.11643401	-0.12353496	-0.10356531	402.83322	731.5528	717.53503	1851.9211
06-02-2022 08:55	49.983246	259.1185	263.99057	254.99307	453.94437	449.76416	444.04837	22.63567	24.197166	23.236494	-0.06998931	-0.12125561	-0.11757533	-0.103495225	406.6266	767.07324	687.32965	1861.0293
06-02-2022 08:56	50.021843	259.6001	264.46808	255.37294	454.83774	450.37338	444.86588	22.707657	24.342993	23.260916	-0.07055987	-0.12649208	-0.11643746	-0.105178416	411.57056	807.0432	681.95496	1900.5687
06-02-2022 08:57	50.02078	259.61545	264.36438	255.08632	454.67337	450.0127	444.74283	22.730907	24.381237	23.25969	-0.06829918	-0.12855825	-0.11802453	-0.10531791	405.17578	806.4871	689.89984	1901.5627
06-02-2022 08:58	50.03657	259.45667	264.54984	254.63696	454.6218	449.7887	444.29205	22.654045	24.132164	22.150051	-0.06675457	-0.12347526	-0.19439921	-0.1270952	388.40662	781.9524	1080.2864	2250.6455
06-02-2022 08:59	50.031883	258.9769	263.5852	253.51422	453.23358	448.11264	442.91068	23.752087	24.023476	21.980734	-0.026643548	-0.124144636	-0.1925035	-0.11194747	162.52225	770.501	1056.8999	1989.9231
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
06-02-2022 09:00	50.047333	258.14893	263.00778	252.97226	451.81107	447.1753	441.89545	23.657835	23.910042	21.984661	-0.027172834	-0.12210794	-0.18821919	-0.11020189	168.53839	773.5753	1040.9895	1983.1031
06-02-2022 09:01	49.972275	253.41492	258.4529	249.16574	444.10468	439.90622	434.18567	23.283188	24.452568	22.785233	-0.03193377	-0.093572944	-0.12029909	-0.0816779	188.8986	573.5723	673.3814	1435.8718
06-02-2022 09:02	49.916336	252.40045	257.58136	248.16011	442.29944	438.22217	432.66672	23.205166	24.556595	22.177622	-0.031034099	-0.09730238	-0.14886971	-0.09127736	180.435	611.5912	807.4916	1599.5178
06-02-2022 09:03	49.889355	252.62013	257.6105	248.3163	442.3512	438.58206	432.9542	23.206638	24.466621	22.092836	-0.03131374	-0.09768989	-0.15550339	-0.09348076	182.29776	614.01984	841.0638	1637.3813
06-02-2022 09:04	49.84211	253.13472	258.23785	248.99727	443.26437	439.6412	434.1379	23.227156	25.168571	22.03511	-0.03301052	-0.1253209	-0.15644707	-0.10289263	184.15588	785.60596	846.03156	1815.7935
06-02-2022 09:05	49.859787	251.07486	256.71365	247.21388	439.7085	437.2098	430.8269	23.084312	24.436579	22.05418	-0.03083566	-0.10230318	-0.15043598	-0.09356103	181.16109	635.8258	799.99365	1617.2385
06-02-2022 09:06	49.815983	250.4058	254.64157	245.97615	437.37387	434.08762	429.38412	21.89575	23.95366	21.880846	-0.081958726	-0.08803164	-0.14972058	-0.10558216	440.4486	536.3851	806.42847	1783.262
06-02-2022 09:07	49.816147	250.99918	255.03625	246.42513	438.34552	435.41232	429.5752	21.931097	24.106098	20.951166	-0.077381715	-0.09479961	-0.22719958	-0.12961748	420.6723	579.692	1156.8796	2157.244
06-02-2022 09:08	49.844604	249.9147	254.1917	245.46646	437.01025	433.71277	427.6131	21.816341	23.280394	20.772535	-0.0751344	-0.12613204	-0.23114285	-0.14168464	404.8427	742.49994	1163.0812	2310.4238
06-02-2022 09:09	49.83965	249.492	253.82014	243.74681	435.82645	432.04263	426.11942	21.594763	23.342264	21.19051	-0.06650248	-0.14112408	-0.5438502	-0.24246919	354.1833	831.608	2768.8223	3954.6138
06-02-2022 09:10	49.80493	248.36183	252.29611	244.39246	434.5415	430.9541	425.0021	21.713379	23.262867	21.763596	-0.07958679	-0.12649877	-0.15407716	-0.12002262	423.6122	738.3125	808.2812	1970.206
06-02-2022 09:11	49.830357	248.26604	251.85223	244.09918	433.4497	430.58243	425.01816	21.755045	23.745007	22.304056	-0.08013574	-0.14346077	-0.15246242	-0.12605722	437.03403	861.1471	820.879	2119.0603
06-02-2022 09:12	49.85659	248.06947	251.56506	243.5854	433.4652	429.53598	424.3274	21.68954	23.445812	22.225945	-0.080520265	-0.13401571	-0.15571599	-0.12381596	428.19583	784.5637	832.41406	2045.1736
06-02-2022 09:13	49.874065	247.3452	250.78929	243.15347	431.94376	428.37503	423.66095	21.637482	23.30259	22.797518	-0.08107797	-0.12536955	-0.11920438	-0.10918658	429.43378	728.0392	653.2922	1810.7651
06-02-2022 09:14	49.88809	246.70293	250.15251	242.67978	431.19653	427.33078	422.41626	21.626026	23.20572	22.77166	-0.08353182	-0.12309333	-0.12195247	-0.11007596	440.46136	710.98816	665.1686	1816.618
06-02-2022 09:15	49.888077	246.92091	250.25325	243.08434	431.43704	427.677	423.0802	21.644766	23.446617	22.760859	-0.08346356	-0.1298087	-0.12029155	-0.1118848	441.3919	755.85315	657.2983	1854.5433
06-02-2022 09:16	49.869408	246.70445	250.13762	242.85326	431.14487	427.65594	422.41705	21.67939	23.954838	22.752369	-0.08066245	-0.096609905	-0.12249847	-0.10002901	425.86044	576.3581	668.62964	1670.8481
06-02-2022 09:17	49.863777	246.11873	250.09506	242.18248	430.36966	427.1852	421.4178	21.603577	23.789644	21.638489	-0.076136366	-0.09465767	-0.20103353	-0.122400135	399.9951	560.6056	1041.4479	2002.0486
06-02-2022 09:18	49.88845	245.96136	250.1712	242.06253	430.16037	426.83926	421.62775	21.62513	24.513866	21.62289	-0.078315936	-0.12437986	-0.19284944	-0.13114898	411.6468	753.2118	995.28516	2159.3938
06-02-2022 09:19	49.912815	245.61913	250.09906	242.3221	429.65738	427.32584	421.37183	21.666346	24.53515	21.702602	-0.076571286	-0.11894619	-0.19599234	-0.13282298	418.6643	759.57263	1018.352	2196.5889
06-02-2022 09:20	49.947914	246.31473	250.1111	242.89386	430.63293	427.6951	422.23917	21.728718	24.155226	22.811031	-0.08014889	-0.0964121	-0.12308845	-0.09999225	427.9217	613.00494	678.3513	1719.278
06-02-2022 09:21	49.988556	246.07451	250.1	242.8897	430.13794	427.90488	422.08023	21.71776	23.988932	22.776901	-0.08072616	-0.0935246	-0.12610629	-0.100129016	426.5298	558.95874	689.2883	1674.7769
06-02-2022 09:22	50.01411	245.74394	249.10089	242.10838	429.1493	426.141	421.17578	21.738602	24.32325	22.817974	-0.07528597	-0.110395856	-0.124100834	-0.10379395	396.8599	664.5739	675.4969	1736.9307
06-02-2022 09:23	50.006264	246.28883	250.17793	243.03065	430.59473	427.84302	422.43704	21.74944	23.947695	22.865171	-0.07480614	-0.09118465	-0.12141855	-0.09592169	395.61722	544.1137	666.397	1606.1279
06-02-2022 09:24	50.00727	246.21136	249.85747	242.82843	430.28113	427.43066	422.122	21.690811	23.745213	22.770254	-0.07709655	-0.13846281	-0.119670525	-0.11280564	406.63043	814.19385	653.1926	1874.0168
06-02-2022 09:25	49.95203	247.60118	251.38931	244.07755	432.76718	429.97638	424.3153	21.734354	23.263979	22.939194	-0.07471199	-0.1219107	-0.117778435	-0.10547731	397.4109	709.84503	650.7086	1757.9645
06-02-2022 09:26	49.95112	248.0375	251.48058	243.94398	433.01407	430.08783	424.6389	21.724377	23.791264	21.75895	-0.07277889	-0.14327902	-0.19608909	-0.13727874	387.44586	899.3222	1020.95953	2306.345
06-02-2022 09:27	49.942463	248.16588	251.50111	243.95898	433.30167	430.0334	424.69058	21.739607	23.30486	21.852674	-0.069830924	-0.123813085	-0.1904859	-0.12860622	375.3841	736.65393	993.3297	2105.3677
06-02-2022 09:28	49.945484	247.89854	251.29431	243.85564	432.84732	429.67056	424.50772	21.710934	23.169552	21.871262	-0.07204667	-0.10044744	-0.18941371	-0.11984631	376.27155	595.1425	992.3174	1963.7314
06-02-2022 09:29	49.932594	247.73898	250.91364	243.71837	432.24017	429.47382	424.13312	21.721424	23.23453	22.880676	-0.07353509	-0.10024232	-0.1175372	-0.097422734	391.59207	572.8603	657.4999	1621.9521
06-02-2022 09:30	49.945843	248.0955	251.22931	244.00763	432.78888	430.04254	424.6805	21.744787	23.058367	22.864468	-0.07256309	-0.097434424	-0.12205394	-0.09761084	386.78564	563.5228	671.7771	1622.0856
06-02-2022 09:31	49.95991	247.40648	250.80804	242.9892	431.7417	428.64694	423.4425	21.706533	23.135748	22.801876	-0.0722027	-0.10059695	-0.12525298	-0.099658415	383.20966	580.5415	684.5941	1648.3453
06-02-2022 09:32	49.943443	246.7411	250.62878	243.1662	431.01492	428.60217	423.0562	21.705292	24.117039	22.869036	-0.07241157	-0.08038353	-0.12395955	-0.092407875	389.1643	480.47754	680.31836	1549.9603
06-02-2022 09:33	49.94897	246.62108	250.6468	243.46172	431.3635	428.4965	423.15027	21.76081	24.502636	22.901646	-0.07286924	-0.08937201	-0.11895066	-0.09390468	387.6628	541.43945	653.3682	1582.4705
06-02-2022 09:34	49.979195	246.3751	250.38786	243.02734	430.7692	428.0363	422.57828	21.710388	24.160578	22.842426	-0.07321848	-0.04266038	-0.117055215	-0.07656984	386.9687	257.04697	641.95856	1285.9741
06-02-2022 09:35	49.975204	247.87314	252.24142	244.02664	433.25256	430.64636	425.02448	21.831284	24.233719	21.821806	-0.06537532	-0.047017552	-0.19412185	-0.099212006	349.96405	286.3587	1020.02954	1656.3523
06-02-2022 09:36	50.00627	248.3884	252.47792	244.26714	434.06448	431.1036	425.47437	21.846375	24.255817	21.887127	-0.06707251	-0.04706586	-0.18351647	-0.09623374	355.2696	286.91248	969.53955	1611.7214
06-02-2022 09:37	50.032516	247.83615	251.9687	243.75113	433.02286	430.40988	424.4754	21.858932	24.673676	21.942404	-0.067758285	-0.06204059	-0.18481553	-0.10232141	368.65555	373.1975	974.0207	1715.8738
06-02-2022 09:38	50.05077	248.1075	251.7122	244.09526	433.21436	430.45694	424.85416	22.923157	24.65773	23.028088	-0.031810142	-0.05535388	-0.11434954	-0.06697584	186.70389	340.8179	634.8025	1162.3243
06-02-2022 09:39	50.047504	248.50885	251.66948	244.34077	433.65536	430.53064	425.3844	22.894321	23.895075	23.010818	-0.035303745	-0.0819601	-0.10710097	-0.074293785	191.8591	488.28088	594.13947	1274.2794
06-02-2022 09:40	50.059677	248.54398	251.7572	244.62646	433.88303	430.87332	425.52	22.917452	24.320328	22.905426	-0.036641512	-0.10577879	-0.11679666	-0.08626841	201.05879	641.6528	645.4493	1488.1609
06-02-2022 09:41	50.06906	248.87103	252.02634	244.57643	433.95187	431.0808	426.19058	22.961084	24.084698	23.041735	-0.035908654	-0.09652005	-0.107404	-0.0801158	203.6308	581.80865	597.69446	1383.1338
06-02-2022 09:42	50.05258	248.89406	252.21107	244.60344	434.08893	431.53198	426.00735	22.941683	24.279224	23.030977	-0.036489025	-0.10201587	-0.107447304	-0.083982415	215.99347	634.9986	600.254	1451.2461
06-02-2022 09:43	50.043976	249.28326	252.56952	244.36307	434.81412	431.47665	426.22278	22.96795	23.61773	23.059263	-0.03350635	-0.09792223	-0.10410635	-0.07884793	195.0435	579.979	578.4692	1353.4917
06-02-2022 09:44	50.037033	249.17155	252.5267	244.01587	434.72345	430.9712	425.9544	22.917343	23.575409	21.865135	-0.03202998	-0.09975342	-0.18737054	-0.103882946	180.10977	586.6168	983.2806	1750.0072
06-02-2022 09:45	50.031418	248.59225	251.67355	243.59555	433.38153	429.91183	425.1418	22.853027	23.400272	22.03016	-0.03182716	-0.0971027	-0.19415268	-0.10576775	176.47615	579.7744	1021.7539	1778.0044
06-02-2022 09:46	50.01439	248.3215	251.73044	243.46071	433.21054	429.60788	425.0161	21.83256	23.595304	20.919422	-0.079259865	-0.10600843	-0.2189629	-0.13207316	428.07306	616.0376	1100.789	2144.8997
06-02-2022 09:47	49.972744	247.93422	251.79082	243.69604	433.10434	429.96976	424.6017	21.871864	24.327534	21.84996	-0.07955447	-0.075417526	-0.14939724	-0.09904665	427.84296	439.24252	785.3607	1652.4462
06-02-2022 09:48	50.02687	247.59738	251.72748	243.6809	432.99326	429.67038	424.2953	21.86367	24.768858	21.865976	-0.07824298	-0.09549267	-0.15016654	-0.10687345	416.67096	590.1515	788.9745	1795.7969
06-02-2022 09:49	50.01053	247.89896	251.85364	244.05424	433.33286	430.1135	424.89758	21.902435	24.284515	21.83521	-0.0774356	-0.07092242	-0.15319122	-0.098903015	416.29565	437.5199	803.40485	1657.2205
06-02-2022 09:50	50.03927	248.07605	252.2587	244.47237	433.91986	430.78467	425.37262	21.93349	24.495686	21.973879	-0.07848515	-0.07366077	-0.1495094	-0.098823234	417.37415	452.09442	792.6964	1662.1649
06-02-2022 09:51	50.04134	248.05911	251.8836	244.20679	433.57812	430.5326	424.82404	21.939083	24.490309	22.494106	-0.07861537	-0.08069527	-0.12001201	-0.09260028	422.77072	495.83765	649.53033	1568.1387
06-02-2022 09:52	50.05971	248.53635	252.20789	244.63391	434.2605	431.11276	425.68903	21.97826	24.478872	22.513525	-0.078348875	-0.07602235	-0.11846954	-0.09035759	422.73126	466.4646	643.73035	1532.9261
06-02-2022 09:53	50.041836	248.29088	252.04451	244.11533	434.06754	430.24402	425.14963	21.936071	24.474545	21.40174	-0.07558177	-0.0768343	-0.20140234	-0.1149599	414.47888	493.6905	1012.5759	1920.7452
06-02-2022 09:54	50.0512	247.70363	251.64249	243.64928	433.04413	429.50858	424.38797	21.879702	24.478046	21.323414	-0.0761447 4	-0.0797375	-0.19859444	-0.11529244	396.98697	498.09845	1020.26416	1915.3496
06-02-2022 09:55	50.06147	247.49855	251.14703	243.35703	432.45685	428.89142	423.87064	21.86121	24.098328	21.319475	-0.07663598	-0.12370207	-0.19016658	-0.129159	410.8066	738.77014	972.79895	2122.3757
06-02-2022 09:56	50.050083	246.92215	251.0473	242.79218	431.90628	428.42636	422.7408	21.838276	23.588634	22.420443	-0.07837729	-0.106063046	-0.1267859	-0.103923604	417.97256	624.19836	680.59576	1722.7667
06-02-2022 09:57	50.053272	247.49173	251.27478	243.66061	432.4928	429.3969	424.06223	21.865904	23.683811	22.481949	-0.079359986	-0.10439944	-0.12510855	-0.10308165	423.8716	616.635	675.4243	1715.9309
06-02-2022 09:58	50.070545	247.67458	251.34184	243.70334	433.0924	429.37805	423.98938	21.909964	23.741076	22.4062	-0.079656415	-0.106059134	-0.12985303	-0.105256	421.1183	614.023	684.0229	1719.1641
06-02-2022 09:59	50.061295	247.77963	251.39534	243.7409	433.1772	429.227	424.397	21.892693	23.78381	22.49168	-0.0781429	-0.10207687	-0.12612958	-0.10231711	417.66443	606.448	682.586	1706.6982
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
06-02-2022 10:00	50.06487	247.78346	251.18848	243.63576	432.98727	429.0605	424.21808	21.839222	23.307732	22.49339	-0.074645706	-0.13053079	-0.12547405	-0.11085662	398.86926	760.34576	677.1852	1836.4001
06-02-2022 10:01	50.076073	247.648	251.50983	243.8396	432.89502	429.828	424.21683	21.862167	23.348557	22.48967	-0.072927855	-0.12522914	-0.123963036	-0.1079569	389.9143	730.5477	670.10974	1790.5718
06-02-2022 10:02	50.060272	247.31888	251.08562	242.86842	432.074	428.54742	423.3359	21.802042	23.929783	21.381489	-0.07029661	-0.15329987	-0.21110332	-0.14432679	374.64035	908.9023	1079.0839	2362.6265
06-02-2022 10:03	50.05048	247.27533	250.86359	242.67238	432.1523	427.98752	423.01993	21.83957	24.527214	21.338484	-0.06824174	-0.11902905	-0.20492369	-0.12755057	368.11032	690.0849	1045.0701	2103.2651
06-02-2022 10:04	50.03775	245.80916	249.37875	241.66908	429.6564	425.64844	421.0028	21.712606	24.00547	21.293184	-0.06987645	-0.09718021	-0.19586594	-0.120024905	367.33844	583.1461	994.945	1945.4297
06-02-2022 10:05	50.01923	245.36232	249.08563	241.32693	429.08057	425.26544	420.08713	21.72733	23.847279	22.301926	-0.071204536	-0.09418136	-0.12771395	-0.097636886	376.22705	565.49866	680.71783	1622.4436
06-02-2022 10:06	49.973316	245.71425	249.39719	242.09761	429.5788	426.30115	421.03268	21.698235	23.855581	23.35709	-0.07435839	-0.098845504	-0.09615076	-0.09025169	390.54843	580.3551	536.9716	1507.875
06-02-2022 10:07	49.941772	245.27718	249.5465	242.08134	429.41556	426.14987	420.82397	21.68837	23.755302	23.29358	-0.07341037	-0.09421095	-0.09760203	-0.0887955	386.21854	553.1287	551.1373	1490.4846

06-02-2022 10:08	49.933277	245.96866	250.48743	242.5776	430.64713	427.61398	421.81815	21.699694	23.927452	23.319166	-0.07417251	-0.094000556	-0.094747335	-0.08802695	391.19086	553.5027	533.7167	1478.4102
06-02-2022 10:09	49.93487	245.1845	249.5022	241.74686	429.31122	425.6913	420.573	21.619127	24.226912	23.275326	-0.075192	-0.11149624	-0.09654082	-0.09552755	399.0326	670.0453	535.8709	1604.9489
06-02-2022 10:10	49.943798	244.90678	249.01172	241.80643	428.7485	425.80524	419.787	21.617758	24.248589	23.253712	-0.0782975	-0.11010966	-0.093200125	-0.09458988	401.24173	663.0667	519.2955	1583.604
06-02-2022 10:11	49.96065	245.84364	249.36205	242.4087	429.57773	426.6727	421.36032	21.644295	23.10643	23.285347	-0.07596237	-0.119689606	-0.09549529	-0.09766375	397.58957	684.75464	540.42883	1622.7732
06-02-2022 10:12	50.012913	245.79602	249.02054	241.81328	429.3718	425.63785	420.89914	21.621998	23.300669	22.247566	-0.07387397	-0.12529437	-0.15964146	-0.11745255	382.44797	693.52026	836.587	1912.5552
06-02-2022 10:13	50.029575	245.89847	249.2358	241.70267	429.51273	425.8167	420.94022	21.674318	23.147507	22.297283	-0.074074216	-0.122743025	-0.1559937	-0.1178573	380.3525	706.6511	826.05743	1913.061
06-02-2022 10:14	50.049156	245.02975	248.4691	240.7831	428.05484	424.51126	419.27844	21.619474	23.16343	22.250217	-0.07120336	-0.12674722	-0.15639953	-0.11846922	380.3181	723.4753	822.4758	1926.2693
06-02-2022 10:15	50.058723	245.41052	248.94243	241.62483	428.81406	425.57373	420.39166	21.659193	23.174042	23.370575	-0.07644488	-0.11872192	-0.092117324	-0.09620839	397.16864	683.2103	511.78992	1592.169
06-02-2022 10:16	50.037056	245.59654	248.8684	241.56812	429.01764	425.60468	420.25092	22.660704	23.25422	22.79314	-0.035937447	-0.1214493	-0.12578192	-0.09512455	198.09317	710.9512	678.15796	1587.2023
06-02-2022 10:17	49.997326	244.6019	248.05434	240.9255	427.62326	424.17514	418.82913	22.596453	23.69839	22.756956	-0.0374232	-0.124115445	-0.12304289	-0.094802305	202.98643	721.10547	664.5221	1588.614
06-02-2022 10:18	50.012623	244.1296	247.75148	240.2766	426.56076	423.5198	418.08243	22.558857	23.030474	22.78894	-0.03621862	-0.10170708	-0.12440637	-0.08756646	191.90886	584.34796	670.5685	1446.8252
06-02-2022 10:19	49.992325	242.82986	247.74184	239.87218	425.5163	422.77463	416.91138	22.532078	23.746004	22.668682	-0.034316342	-0.0715938	-0.12171087	-0.07606402	182.42418	424.44543	655.495	1262.3646
06-02-2022 10:20	50.018757	242.567	248.6878	239.87692	426.12512	423.207	417.07065	22.57141	24.336798	22.740757	-0.032073606	-0.055647045	-0.14950337	-0.07804725	171.07164	327.8845	697.5292	1196.5204
06-02-2022 10:21	50.0184	243.3139	249.19736	239.34738	426.94324	423.35318	417.3721	22.565138	24.30545	21.820927	-0.029083963	-0.060226038	-0.21622491	-0.09837502	147.77893	360.89758	1120.9465	1629.623
06-02-2022 10:22	50.031944	242.87418	248.5961	239.40477	426.17828	422.97818	416.80426	22.57436	24.224022	21.780607	-0.03047296	-0.061730433	-0.20865703	-0.097119294	170.94772	367.18164	1067.422	1605.5513
06-02-2022 10:23	50.0176	243.05199	248.72961	239.24844	426.34537	422.9413	416.94388	22.55217	24.121193	21.79924	-0.03023919	-0.061354194	-0.20978306	-0.09729845	161.61958	360.5984	1115.4257	1637.6436
06-02-2022 10:24	49.981693	242.4992	248.9944	240.07812	426.27173	423.61115	417.28284	21.587513	24.5735	22.723286	-0.08307473	-0.07800805	-0.15224552	-0.101748645	429.51825	441.10272	817.3003	1687.9211
06-02-2022 10:25	50.008564	241.86646	248.3178	239.43184	425.13007	422.49728	416.15106	21.566952	24.569273	22.697449	-0.081595175	-0.07127763	-0.12884092	-0.09312693	414.2898	410.66736	756.8601	1581.6766
06-02-2022 10:26	50.02281	243.12906	247.29732	239.92598	425.93146	422.1892	416.91852	21.600636	23.525019	22.669542	-0.078135535	-0.079714455	-0.12212153	-0.09313801	404.44855	459.36374	653.1376	1516.9497
06-02-2022 10:27	50.00946	243.35942	248.31116	238.09387	425.71564	421.984	416.33783	21.36427	23.30349	22.085001	-0.06760933	-0.09081461	-0.4224632	-0.19022688	347.1129	521.8138	2184.2876	3053.2144
06-02-2022 10:28	50.010174	242.23352	246.77461	238.51712	424.09268	420.75238	415.30447	21.47403	23.246475	23.011541	-0.080016844	-0.081304476	-0.10082058	-0.087820664	417.93442	464.2961	545.3171	1427.5476
06-02-2022 10:29	50.00202	244.47424	249.11473	240.54398	427.8792	424.60666	419.1096	21.608898	23.360771	22.797646	-0.07676703	-0.075648606	-0.13385347	-0.09486026	401.2361	426.56815	726.96936	1554.7736
06-02-2022 10:30	50.012825	246.3522	251.32764	242.24474	431.39545	427.95212	422.28348	21.775455	23.480942	21.887568	-0.07311627	-0.078321464	-0.19710705	-0.11414494	390.06314	451.07532	1028.9431	1870.0815
06-02-2022 10:31	49.990326	247.73492	252.63766	243.67638	433.86868	430.23514	424.6707	21.83342	24.244955	21.864643	-0.074524574	-0.10216011	-0.19293074	-0.12194839	398.405	617.4226	1014.1426	2029.9702
06-02-2022 10:32	49.984035	248.20493	253.33012	244.4212	434.95657	431.35312	425.76852	21.904165	24.091908	21.92642	-0.073662944	-0.09602111	-0.19272272	-0.11973234	400.09213	581.3226	1019.36584	2000.7806
06-02-2022 10:33	49.952866	248.4057	253.8362	244.56029	435.33002	432.1118	426.1033	21.882282	23.77899	22.955269	-0.074774124	-0.08037557	-0.13109268	-0.09550505	405.78815	481.2525	725.8889	1612.9297
06-02-2022 10:34	49.991196	248.25906	253.87311	244.37602	435.24286	431.89673	425.89838	21.919224	23.85318	23.079662	-0.073729776	-0.08733293	-0.12401913	-0.09506187	396.76132	524.90533	690.5991	1612.2657
06-02-2022 10:35	49.961838	248.48587	253.9043	244.71358	435.5946	432.32913	426.14426	21.974297	24.534834	23.030909	-0.07438551	-0.050981734	-0.12183639	-0.081465326	401.39478	318.62	675.0978	1395.1125
06-02-2022 10:36	50.014233	248.40132	253.79474	244.5816	435.46176	432.0853	425.95657	21.97253	24.657614	23.09032	-0.07467302	-0.053819135	-0.124418825	-0.0832324	401.5735	333.8297	693.4215	1428.8247
06-02-2022 10:37	50.04063	248.11171	253.38818	244.39635	434.94156	431.45953	425.57434	21.943386	24.61605	23.018192	-0.07572894	-0.055892922	-0.12663728	-0.08506687	402.25174	357.4486	704.1426	1463.8429
06-02-2022 10:38	50.041782	247.63354	252.94218	244.14392	434.01562	431.08337	424.83615	21.907251	24.733543	23.636482	-0.069731854	-0.0617778	-0.122782394	-0.085362926	381.2486	392.06082	697.29175	1470.6012
06-02-2022 10:39	50.05142	247.49872	252.80235	244.00323	433.8935	430.6593	424.6638	21.914175	25.10038	22.616589	-0.06899624	-0.076951586	-0.18973383	-0.11043304	368.87463	482.11755	1031.9264	1882.9185
06-02-2022 10:40	50.0567	247.77502	252.96211	244.03813	434.1368	430.87177	425.02365	21.903728	24.53954	22.632092	-0.06664152	-0.05202412	-0.18313801	-0.09872924	356.98224	320.53983	997.29034	1674.8123
06-02-2022 10:41	50.052334	248.65169	254.0314	244.74654	435.77206	432.5688	426.29166	21.951153	24.6027	21.7137	-0.06542012	-0.079905964	-0.22395426	-0.11902335	353.83893	476.878	1172.952	2003.6688
06-02-2022 10:42	50.03862	248.937	254.26007	245.26888	436.1619	433.12744	427.13495	21.95197	23.537457	22.711262	-0.06778907	-0.09122975	-0.16083437	-0.10643074	368.27914	539.4028	878.99133	1786.6733
06-02-2022 10:43	50.031338	249.12575	254.22331	245.3426	436.48517	433.132	427.19836	21.950228	23.994463	22.739954	-0.06877561	-0.1080148	-0.1575988	-0.11160684	370.02417	638.85016	863.7989	1872.6733
06-02-2022 10:44	50.037594	250.4449	255.34645	246.59033	438.62427	435.24866	429.33234	22.014603	23.82678	22.803509	-0.06921516	-0.09878913	-0.15452808	-0.107431814	374.48608	596.5672	861.0458	1832.099
06-02-2022 10:45	50.062122	249.9526	254.81865	246.2145	437.78052	434.27637	428.72974	22.01471	23.828869	22.828903	-0.069849275	-0.09660582	-0.1541426	-0.10677865	382.87808	591.9444	851.97577	1827.8687
06-02-2022 10:46	50.04022	249.80222	254.53026	245.5428	437.50296	433.45908	427.9051	22.04032	24.34537	22.699606	-0.06909147	-0.1177563	-0.16096514	-0.116120376	378.11932	725.8015	887.39716	1991.3181
06-02-2022 10:47	49.974434	250.30927	254.7157	246.1036	437.97586	434.298	428.75925	21.955805	23.547417	22.650349	-0.06923479	-0.1290882	-0.15811548	-0.119093016	376.4822	770.6283	862.90533	2010.0159
06-02-2022 10:48	49.979206	249.41557	254.54344	245.22537	436.87497	433.2617	427.5349	21.876165	23.539007	21.697048	-0.066965476	-0.13466468	-0.23007233	-0.14285904	361.17395	801.5463	1208.4902	2371.2104
06-02-2022 10:49	49.980076	251.1294	255.96077	246.58426	439.5297	435.82208	430.09607	21.986702	23.665024	21.75234	-0.06644593	-0.1343898	-0.22600909	-0.14123334	362.42212	807.41064	1197.1122	2366.9448
06-02-2022 10:50	49.984997	250.90332	256.18314	246.26855	439.39896	435.80014	429.70145	22.029554	24.525187	21.757547	-0.0646408	-0.10804063	-0.22619765	-0.13083719	354.10175	672.87305	1196.9237	2223.8987
06-02-2022 10:51	50.01331	250.03638	255.22995	245.92812	438.0016	434.52713	428.62418	22.049238	24.37196	22.625675	-0.067237824	-0.096748315	-0.1253081	-0.09647372	373.10458	586.9256	695.1319	1655.1621
06-02-2022 10:52	50.01576	250.74643	255.78731	246.24922	439.07425	435.36798	429.4636	22.028698	24.264753	22.68996	-0.06838831	-0.09353621	-0.1295521	-0.0970757	374.74445	579.39886	712.5931	1666.7365
06-02-2022 10:53	50.015663	251.04759	255.94658	246.72809	439.74576	435.65173	430.13434	22.101372	24.932076	22.69121	-0.07189214	-0.11803042	-0.12334591	-0.10254669	393.13837	701.32935	681.88794	1776.3556
06-02-2022 10:54	50.05387	250.77916	255.474	246.23709	438.91025	434.8832	429.60306	23.16917	24.856586	22.089407	-0.029631268	-0.11253038	-0.15085298	-0.095969886	173.4483	685.63916	809.2038	1668.2913
06-02-2022 10:55	50.0518	250.93044	255.55513	246.19548	439.2749	434.9157	429.53882	23.128832	24.323772	22.0967	-0.030386003	-0.09359068	-0.15828072	-0.09262123	174.84943	576.4666	848.89685	1600.213
06-02-2022 10:56	50.068066	250.39293	255.27979	245.97017	438.56744	434.57574	428.7878	23.141947	24.265347	22.142504	-0.031017672	-0.09567835	-0.15526707	-0.092699036	178.28062	589.6931	833.85004	1601.8237
06-02-2022 10:57	50.043125	250.66647	256.09586	246.21205	439.17313	435.26837	429.79736	23.122269	24.190643	21.161337	-0.027101226	-0.09775962	-0.2391253	-0.116569184	155.86732	602.54205	1230.7838	1989.1931
06-02-2022 10:58	50.03739	251.82318	257.14105	247.41885	441.13818	437.3444	431.65988	23.208553	23.847322	21.19234	-0.028649041	-0.11753634	-0.22502568	-0.119906895	165.93945	713.43494	1162.3204	2041.6948
06-02-2022 10:59	50.032745	252.49524	257.97507	247.68806	442.32437	438.2211	432.67505	23.233723	23.525433	21.2095	-0.02693412	-0.10417272	-0.22819558	-0.11549117	155.66919	623.8703	1196.3304	1975.8701
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
06-02-2022 11:00	50.065647	252.69048	257.58798	247.99005	442.13766	438.28723	432.98004	23.25945	23.741856	21.314184	-0.028642042	-0.108622745	-0.2210344	-0.11562897	158.5844	660.58954	1140.9282	1960.102
06-02-2022 11:01	50.061573	253.08417	257.66574	249.13272	443.38748	439.09958	433.70966	23.36502	24.210938	23.370987	-0.033759158	-0.11427177	-0.113519326	-0.08746827	202.9562	712.1555	655.1561	1569.4397
06-02-2022 11:02	50.04656	252.89853	257.67447	249.19675	443.09637	439.13202	433.77216	22.295229	23.780565	23.367275	-0.08167135	-0.09963425	-0.11393696	-0.099409275	459.3539	616.9564	654.3411	1730.6516
06-02-2022 11:03	50.047173	252.42482	257.33142	248.86536	442.29764	438.75195	432.962	22.261362	23.81182	23.324747	-0.08022539	-0.10030517	-0.113050245	-0.09841375	450.8545	610.2212	646.552	1707.6276
06-02-2022 11:04	50.043556	252.63722	257.6948	248.99704	442.99048	439.102	433.14725	22.252447	23.9116	23.276428	-0.07748192	-0.10628211	-0.119389065	-0.0998965	431.96133	621.2536	682.0585	1735.2734
06-02-2022 11:05	50.02329	252.97585	257.61353	249.28596	443.2614	439.2561	433.66455	22.299816	23.953226	23.930687	-0.07795453	-0.10166342	-0.09006857	-0.0902452	439.3565	618.1422	528.22095	1585.7196
06-02-2022 11:06	50.00685	253.30212	258.5174	249.88777	444.19583	440.4378	434.72443	22.340782	25.234509	23.929867	-0.07807438	-0.06169336	-0.09150793	-0.07658672	437.9475	376.41095	545.83887	1358.9551
06-02-2022 11:07	49.99422	253.15881	258.78394	249.10124	443.9765	440.04248	434.19815	22.29725	24.716702	22.343004	-0.06928832	-0.04670091	-0.19797221	-0.102018245	387.41135	304.44785	1085.1914	1777.0507
06-02-2022 11:08	49.965286	253.2249	258.8091	249.27736	444.26044	440.09906	434.32053	22.254114	25.246134	22.200806	-0.07133035	-0.070870414	-0.2011599	-0.114507936	404.67242	502.51056	1100.9438	2008.1268
06-02-2022 11:09	49.999443	253.73724	259.24847	249.70499	444.98044	440.89856	435.18942	22.332756	24.93697	22.337074	-0.07026392	-0.054058228	-0.19233672	-0.10302475	401.0402	347.77737	1057.7257	1806.5432
06-02-2022 11:10	50.00961	254.15808	259.64944	250.4625	445.73172	441.9744	436.09512	22.398975	25.10887	23.494724	-0.07233346	-0.055167347	-0.121405065	-0.082179956	415.86676	350.53683	705.7743	1472.178
06-02-2022 11:11	50.052055	254.14023	260.10373	250.37735	445.9113	442.4956	436.00714	22.40076	25.022243	23.53626	-0.07214723	-0.048407692	-0.12079451	-0.079401396	406.64963	313.58722	702.25946	1422.4963
06-02-2022 11:12	50.053253	254.22816	260.27783	250.41785	446.07712	442.52023	436.34073	22.449154	25.167791	23.522615	-0.07339275	-0.05463977	-0.1194013	-0.0815133	414.17987	354.77142	694.30566	1463.2568
06-02-2022 11:13	50.04227	254.46117	259.9208	250.80984	446.32727	442.60974	436.46075	22.41758	24.419882	23.434757	-0.073717594	-0.08206562	-0.12565365	-0.09376007	415.1857	517.36755	728.3117	1660.8649
06-02-2022 11:14	50.001175	254.06737	259.34204	250.27692	445.43723	441.53778	435.81418	22.330645	23.968906	23.497541	-0.07369214	-0.0693935	-0.12046899	-0.08759137	417.95013	426.4476	695.89935	1540.2971
06-02-2022 11:15	49.977535	254.45226	259.44818	250.70515	445.84445	442.06696	436.46683	22.313768	24.710636	23.46575	-0.071410246	-0.0940317	-0.122573264	-0.0957261	393.83087	592.98914	710.34314	1697.1631
06-02-2022 11:16	49.96838	254.25006	259.58356	250.38469	445.88818	441.65823	436.16525	22.305328	24.537504	22.306614	-0.0661141	-0.10030159	-0.19349585	-0.11869053	370.90573	632.7323	1063.3688	2067.0068
06-02-2022 11:17	49.968296	253.89116	259.07956	250.03137	445.2615	440.9109	435.43195	22.27655	24.116152	22.203342	-0.06612706	-0.07551966	-0.19466932	-0.110003024	368.1915	465.92587	1064.3354	1898.4528
06-02-2022 11:18	49.970257	252.77048	257.85318	248.95207	443.16922	438.97852	433.52072	22.219734	24.232178	22.180756	-0.06751386	-0.084247224	-0.18478616	-0.10841999	374.81396	470.42636	1014.56616	1859.8065
06-02-2022 11:19	50.002724	251.59827	256.80515	248.26749	441.38828	437.54013	431.70615	22.17167	23.947693	23.301107	-0.06864504	-0.06986882	-0.11886121	-0.08552251	377.50854	426.62714	678.08496	1482.2206
06-02-2022 11:20	49.986546	251.56868	256.8084	248.50916	441.35263	437.7554	431.89743	22.179337	24.116505	23.289791	-0.06781583	-0.07409128	-0.119451255	-0.086980335	374.85767	454.7652	680.7284	1510.3513
06-02-2022 11:21	50.02546	251.35037	258.02493	249.02425	442.06277	438.83322	432.73544	22.256203	24.765806	23.298004	-0.06585033	-0.040633615	-0.12713028	-0.07667394	364.8691	257.89392	727.4453	1350.2083
06-02-2022 11:22	50.045387	251.91225	258.64774	249.54152	443.01553	439.8022	433.76178	22.281694	25.36966	23.339746	-0.06729512	-0.07482832	-0.1298248	-0.09018682	374.22116	487.68173	744.7781	1606.6809
06-02-2022 11:23	50.052937	252.1105	258.4324	249.54942	443.24268	439.69092	433.62973	22.302038	25.23914	23.404121	-0.06809955	-0.08522715	-0.12023783	-0.09092614	377.20645	549.73444	691.9591	1618.9
06-02-2022 11:24	50.04127	252.53198	258.1681	248.59563	443.03375	439.11478	433.04092	22.27743	25.10183	23.358347	-0.06698587	-0.078911625	-0.11967392	-0.08833836	373.44528	507.46588	684.5397	1565.4507
06-02-2022 11:25	50.037487	252.52338	258.014	248.55315	442.92435	438.86514	433.04337	22.25031	24.746084	22.307064	-0.06349689	-0.06654472	-0.198286	-0.107291035	357.80585	421.69	1083.1472	1862.6431
06-02-2022 11:26	50.02775	251.56615	257.26425	248.05324	441.36896	437.7993	431.83978	22.187023	24.844368	22.113712	-0.06445633	-0.07440312	-0.19618823	-0.109630965	359.72595	473.07602	1060.239	1893.0409
06-02-2022 11:27	49.994644	252.06949	257.41196	248.36644	442.0534	438.06494	432.55817	22.174648	24.698795	22.209265	-0.06549527	-0.065269634	-0.18638822	-0.10352523	364.8974	411.97076	1012.45026	1789.3184
06-02-2022 11:28	50.010536	251.03998	256.34067	247.4391	440.13632	436.66425	430.6302	22.127815	24.724632	22.130777	-0.06659953	-0.06806844	-0.18607207	-0.10464744	366.1242	427.79233	1003.3286	1797.2451
06-02-2022 11:29	49.975082	251.26581	255.86952	247.10458	439.9194	436.06317	430.44177	22.025291	23.702394	23.220232	-0.06891644	-0.09121316	-0.116219744	-0.09233423	383.73254	552.5671	665.61884	1601.9183
06-02-2022 11:30	49.992577	251.04425	255.80203	246.81685	439.65396	435.73642	430.03702	22.046665	24.208431	22.576292	-0.07014826	-0.11377149	-0.15300757	-0.11238218	383.0857	693.29865	841.7378	1918.1223
06-02-2022 11:31	50.015106	251.16295	255.89142	246.89545	439.6728	435.93484	430.31534	22.065918	23.733326	22.658257	-0.070892066	-0.09285852	-0.1488596	-0.10390496	389.08328	561.5204	815.3596	1766.3071
06-02-2022 11:32	50.011158	251.08112	255.71327	246.66766	439.3059	435.76508	430.00607	23.091963	23.983438	22.686203	-0.03167395	-0.10306027	-0.14671338	-0.093771264	177.04959	637.1879	814.2344	1628.4719
06-02-2022 11:33	49.978977	251.21455	255.47055	246.81755	439.58902	435.39124	430.1663	23.101372	23.886717	22.640728	-0.031682253	-0.09953734	-0.14647424	-0.091896035	179.92705	582.91895	808.4134	1571.2595

06-02-2022 11:34	50.00479	251.21526	255.44621	246.61581	439.58252	435.2367	429.93854	23.157633	23.922134	22.663673	-0.031705264	-0.09753806	-0.14635758	-0.091154665	185.47072	593.05835	798.55597	1577.085
06-02-2022 11:35	49.9943	251.3141	255.81561	246.39098	439.78513	435.32642	430.07233	23.088692	23.382923	20.656452	-0.027311785	-0.12222903	-0.27105588	-0.13407627	154.66855	724.86975	1359.0441	2238.5823
06-02-2022 11:36	49.95316	251.12572	255.5144	245.96666	439.2331	434.66278	429.70508	23.06795	23.824463	20.606117	-0.027650643	-0.14092584	-0.26742125	-0.14016251	161.08528	850.302	1337.5941	2348.9814
06-02-2022 11:37	49.996727	251.05444	256.0987	245.66367	439.5523	434.85864	429.56076	23.140516	24.762735	20.630795	-0.02499989	-0.12276267	-0.26549223	-0.12957005	150.65128	738.0382	1316.7349	2205.4243
06-02-2022 11:38	50.017967	251.18727	255.77356	246.26857	439.576	435.22006	429.88354	23.15398	24.28143	21.714043	-0.02872736	-0.09569805	-0.19127615	-0.10255351	168.14726	590.03094	1003.64075	1761.8188
06-02-2022 11:39	50.035194	251.48679	256.1291	246.55676	440.20682	435.73346	430.37427	23.187813	24.221706	21.64035	-0.028605638	-0.089531615	-0.19272785	-0.10063148	162.47115	557.8659	1014.0298	1734.3667
06-02-2022 11:40	50.05791	251.50906	256.45795	247.12807	440.6471	436.29947	430.9643	22.167995	24.347002	21.78853	-0.07784805	-0.06815636	-0.18546543	-0.10785531	426.29578	420.91663	976.6294	1823.8418
06-02-2022 11:41	50.065056	251.67876	256.76126	247.61975	441.0948	437.20578	431.2799	22.202885	24.634888	21.725521	-0.07662618	-0.08012511	-0.18808773	-0.11245588	418.51862	498.1674	998.7445	1915.4304
06-02-2022 11:42	50.04995	251.75523	256.73605	247.89204	441.22217	437.30896	431.6074	22.209623	24.38559	22.30923	-0.07361688	-0.06678472	-0.15924554	-0.09825746	409.91592	411.7708	858.96	1680.6467
06-02-2022 11:43	50.021194	251.93987	256.8423	247.83395	441.4316	437.34927	431.762	22.182753	24.615227	22.124384	-0.075405605	-0.07694447	-0.16423453	-0.103855856	411.4033	478.73096	891.96075	1781.4075
06-02-2022 11:44	50.001244	251.00949	256.40298	247.04988	440.2577	436.09677	430.4614	22.163586	24.969408	21.085577	-0.070979685	-0.101602696	-0.23983029	-0.13373186	392.4496	643.3041	1232.4552	2268.209
06-02-2022 11:45	49.969963	251.75691	256.77597	247.55411	441.1041	436.79303	431.7299	22.084322	23.97955	21.245571	-0.07176941	-0.120623276	-0.2368131	-0.14027503	396.10706	732.3554	1220.1681	2348.6306
06-02-2022 11:46	49.973682	251.67184	256.53162	247.20436	440.81082	436.54947	431.0921	22.071074	23.633198	21.110714	-0.0705166	-0.10871254	-0.230359	-0.13366021	387.7749	653.4736	1185.2975	2226.546
06-02-2022 11:47	49.946407	251.84387	256.8033	247.85931	441.2255	437.47208	431.65448	22.117273	23.653603	22.168045	-0.07351237	-0.10328478	-0.15667269	-0.11177505	408.2172	638.29065	849.4225	1895.9303
06-02-2022 11:48	49.941956	252.5602	257.46863	248.50322	442.29233	438.67035	432.89697	22.128803	23.611403	22.181713	-0.07358748	-0.10200667	-0.16889234	-0.114116915	401.38818	613.0558	905.6601	1919.2524
06-02-2022 11:49	49.928596	252.22495	257.17523	248.55817	442.12073	438.21005	432.53394	22.122044	23.609077	22.133543	-0.07472991	-0.09457948	-0.15682077	-0.10706484	415.6195	553.348	844.05054	1813.0182
06-02-2022 11:50	49.928944	252.14322	256.99026	247.62639	441.4143	437.45142	431.9272	22.088783	23.88891	22.131855	-0.0751497	-0.10962448	-0.15921883	-0.11418217	406.4051	664.12683	852.909	1923.4409
06-02-2022 11:51	49.94266	252.14241	256.69275	247.96109	441.51437	437.45923	431.87848	22.097246	24.257927	22.100136	-0.07582359	-0.13462356	-0.15667547	-0.12257361	415.61053	775.7423	846.6655	2038.0183
06-02-2022 11:52	49.95421	251.72577	256.64386	247.73357	441.02753	437.2492	431.37665	22.102316	24.05629	22.017757	-0.07487501	-0.12383245	-0.16343209	-0.12048391	412.3872	756.6705	878.0352	2047.0929
06-02-2022 11:53	49.976597	251.7078	256.9884	247.32645	441.08917	437.1464	431.28394	22.097542	24.699203	21.174671	-0.06305344	-0.08630012	-0.2384169	-0.12502597	347.39212	541.337	1228.6676	2117.3967
06-02-2022 11:54	49.999577	251.94633	257.34323	247.51582	441.61508	437.58575	431.67618	22.156351	24.780214	21.191168	-0.06142277	-0.05362823	-0.23090194	-0.10971059	337.28107	335.2707	1195.3755	1867.9272
06-02-2022 11:55	50.028816	252.06596	256.18875	247.63794	441.0836	436.6997	431.50223	22.197643	24.865568	22.149601	-0.06594221	-0.045990445	-0.18673295	-0.09547483	355.82504	294.00818	999.78235	1649.6155
06-02-2022 11:56	50.053665	252.43523	257.27878	248.16937	442.31067	438.01273	432.41562	22.277481	24.978592	23.375801	-0.067086734	-0.044397224	-0.12055495	-0.07634434	375.4187	282.3849	687.85535	1345.6589
06-02-2022 11:57	50.080765	253.1901	259.00977	249.50627	444.14517	440.66818	434.54907	22.364283	25.079565	23.384071	-0.0660582	-0.048113808	-0.12579566	-0.078876585	370.1405	309.82022	723.677	1403.6377
06-02-2022 11:58	50.103344	253.73805	259.10522	249.88916	445.023	440.93356	435.18216	22.417992	25.177563	23.493637	-0.06755746	-0.047274616	-0.11443375	-0.075435355	380.09888	305.02246	663.21606	1348.3374
06-02-2022 11:59	50.100727	254.36263	259.77972	250.47722	445.79678	441.85977	436.74765	22.435236	25.678034	23.463018	-0.06756477	-0.075147554	-0.11711503	-0.08622591	381.19357	495.29785	680.178	1556.6693
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
06-02-2022 12:00	50.117306	255.1007	260.30585	251.07867	446.89685	443.318	437.42184	22.437508	24.187363	23.574991	-0.06540491	-0.0707065	-0.114658765	-0.08347082	377.3473	454.2795	666.3061	1497.5344
06-02-2022 12:01	50.148247	255.63617	260.8945	251.60776	448.0778	443.83728	438.58585	22.480682	24.36647	23.52755	-0.06495088	-0.07617158	-0.11942368	-0.08675257	382.7072	496.06067	687.9841	1566.752
06-02-2022 12:02	50.124794	256.44028	262.09756	251.99026	449.22058	445.54977	439.87167	22.485447	24.689304	23.074673	-0.06440668	-0.089253545	-0.15632166	-0.10285368	366.74512	549.93066	891.3263	1808.002
06-02-2022 12:03	50.11009	256.7522	262.4577	252.46912	450.15225	445.86597	440.61832	22.532633	24.865389	23.025255	-0.06465513	-0.094619945	-0.1509531	-0.10261223	380.27286	597.53516	859.591	1837.3989
06-02-2022 12:04	50.079857	255.97322	261.49506	251.88965	448.84592	444.89633	438.87473	22.516449	24.29839	23.029497	-0.06438809	-0.072203	-0.14847168	-0.09429662	373.24005	462.78406	845.44385	1681.4679
06-02-2022 12:05	50.039005	255.66243	261.32947	251.46028	448.3196	444.30832	438.4216	22.468002	24.07595	23.01706	-0.06409042	-0.06366149	-0.14993109	-0.09173376	363.9052	397.6509	856.1089	1617.6649
06-02-2022 12:06	50.01405	254.99533	260.33093	251.58968	447.14172	443.5964	437.64227	22.430964	24.644638	24.141178	-0.07057699	-0.103797466	-0.0900941	-0.088780284	399.19788	660.00806	534.55634	1593.7622
06-02-2022 12:07	50.003357	254.83684	260.25308	251.16878	446.73932	443.28528	437.2196	22.377903	25.002182	23.488283	-0.07016932	-0.12410496	-0.10965321	-0.097533226	390.48523	709.30505	636.7455	1736.5358
06-02-2022 12:08	49.960865	253.7891	259.95047	250.4752	445.65918	442.15836	435.89096	22.331545	24.815197	23.458523	-0.065876715	-0.055370323	-0.113002785	-0.077432476	374.99762	355.2248	648.37085	1378.5933
06-02-2022 12:09	49.948067	253.87677	259.87146	250.77597	445.80438	442.22418	436.21255	22.378027	25.12437	23.437622	-0.07134177	-0.06582348	-0.11222272	-0.08259684	397.16833	395.5812	656.52673	1449.2762
06-02-2022 12:10	49.915276	254.3216	259.96527	250.62029	446.3358	442.20505	436.36594	23.420444	25.057083	23.361856	-0.028339077	-0.06848727	-0.120794296	-0.07323125	177.4541	452.18842	697.84094	1327.4835
06-02-2022 12:11	49.916626	254.04732	259.66913	250.47792	445.72546	441.73038	436.21365	23.367622	24.809816	23.46003	-0.030771013	-0.058036342	-0.10866452	-0.0653915	183.5306	376.09653	641.50275	1201.1299
06-02-2022 12:12	49.93877	254.87605	260.24777	250.60051	446.5805	442.6329	437.10797	23.426714	24.876692	22.348673	-0.027199218	-0.06406333	-0.18170774	-0.08818027	160.68393	411.85535	1002.4017	1574.9409
06-02-2022 12:13	49.98743	255.1734	260.58405	251.0963	447.29895	443.26932	437.70932	23.5298	25.431433	22.36755	-0.030733118	-0.081069626	-0.175456	-0.09343596	174.5357	523.1106	972.4575	1670.1038
06-02-2022 12:14	50.005558	255.31868	260.73364	251.17065	447.4777	443.54147	437.89813	23.535404	25.45769	22.331997	-0.028625097	-0.08291741	-0.18170802	-0.095259815	164.01949	551.6077	1009.6509	1725.2781
06-02-2022 12:15	50.02696	255.36543	260.97583	251.38867	447.5844	444.1804	438.03036	23.478455	24.26361	23.565498	-0.030720418	-0.09369903	-0.107624024	-0.07748259	180.45287	580.1059	632.0193	1392.5781
06-02-2022 12:16	50.03399	255.46793	260.19055	250.81534	446.9861	443.36536	437.26434	23.46079	24.214703	23.526957	-0.03311729	-0.09450191	-0.10511095	-0.07768503	189.38857	584.39484	614.52386	1388.3074
06-02-2022 12:17	50.04945	255.48264	259.76422	250.96016	446.7625	442.98077	437.40643	23.462067	24.257885	23.590057	-0.032100882	-0.09628086	-0.10938288	-0.07937269	189.98242	595.54065	645.7377	1431.2607
06-02-2022 12:18	50.061462	254.8359	259.51193	250.83382	446.16394	442.6991	436.51068	22.395348	24.180988	24.14879	-0.07980628	-0.08920098	-0.08692961	-0.085466765	457.3283	566.2411	523.3828	1546.9521
06-02-2022 12:19	50.055927	254.80588	259.44443	250.76308	445.98557	442.70285	436.39282	22.384357	24.267597	24.035301	-0.07775578	-0.09274694	-0.09364991	-0.08829858	444.58923	578.96436	554.43353	1577.9872
06-02-2022 12:20	50.06085	254.39476	259.2166	250.5538	445.45715	442.03568	436.1209	22.36079	24.170874	24.093117	-0.07901735	-0.09209954	-0.08514766	-0.08563125	438.5884	555.1016	513.8657	1507.5559
06-02-2022 12:21	50.048584	254.30836	258.95844	250.08563	445.1107	441.4379	435.65866	22.316803	24.311743	22.88099	-0.07651584	-0.14112589	-0.15467778	-0.124624096	426.49716	884.22723	866.8112	2177.5356
06-02-2022 12:22	50.044796	254.94815	259.40204	250.16222	446.07495	441.83325	436.3115	22.340027	23.79876	23.026833	-0.072029985	-0.09156711	-0.17023338	-0.11136724	414.3503	559.69183	967.1484	1941.1904
06-02-2022 12:23	50.041492	253.52658	258.6224	249.33987	444.09308	440.56625	434.32397	22.293098	24.777649	22.758286	-0.072746314	-0.07742653	-0.17791541	-0.10835247	402.47626	500.23218	999.3528	1902.0612
06-02-2022 12:24	50.01829	254.2865	259.099	250.363	445.4359	441.7426	435.71478	22.36949	24.85343	24.06113	-0.07808273	-0.0725203	-0.08853734	-0.079461955	438.05792	461.67465	526.48566	1426.2183
06-02-2022 12:25	50.001286	253.87741	258.89755	250.17722	444.96555	441.4821	435.06647	22.333601	24.746006	24.01981	-0.077068165	-0.07278824	-0.09030032	-0.079710096	428.37787	463.11005	535.2837	1426.7715
06-02-2022 12:26	50.008957	254.11002	258.99976	250.05592	445.3023	441.3606	435.2233	22.338673	24.776798	24.055222	-0.07691834	-0.07497001	-0.091980964	-0.08121525	431.18912	473.2964	545.4559	1449.9414
06-02-2022 12:27	50.015114	254.22034	259.19534	250.58522	445.7233	441.8857	435.72128	22.365686	24.849255	24.043823	-0.07585395	-0.0727373	-0.09258766	-0.07979392	429.73334	460.35553	542.0971	1432.186
06-02-2022 12:28	49.995365	254.24214	259.35733	250.40594	445.78876	441.78836	435.7643	22.33318	25.208366	23.972908	-0.076015405	-0.08677853	-0.09670771	-0.08667344	428.38565	560.0177	572.3388	1560.7422
06-02-2022 12:29	50.0017	254.34866	259.8724	250.59785	446.30258	442.23474	436.21634	22.382963	25.322752	22.90582	-0.07352431	-0.08967908	-0.12774457	-0.09665581	414.6084	580.0532	721.4068	1716.0684
06-02-2022 12:30	50.028175	254.69766	259.8062	250.76257	446.5398	442.42712	436.5594	22.38637	24.861403	21.900549	-0.07083135	-0.07599258	-0.2047757	-0.11427457	402.82303	472.2671	1095.6365	1970.7266
06-02-2022 12:31	50.030293	253.69695	258.9181	249.83386	444.75064	440.87967	435.01593	22.27909	23.742476	21.832216	-0.06525911	-0.09422022	-0.19542262	-0.11690736	367.02722	578.2861	1049.6935	1995.0067
06-02-2022 12:32	50.042526	254.64424	259.44482	250.35446	445.92242	442.013	436.1644	22.299438	23.961916	21.803638	-0.06528938	-0.10373999	-0.19987828	-0.12126818	368.5284	645.12244	1073.191	2086.8418
06-02-2022 12:33	50.02677	255.10568	259.77625	251.02354	446.6643	442.8399	437.1249	22.328985	23.726604	23.094852	-0.06871101	-0.09555058	-0.14272672	-0.09888703	384.30038	601.3888	740.5963	1726.2854
06-02-2022 12:34	50.0294	254.86308	259.45667	250.73927	446.26648	442.35373	436.5426	22.321812	23.742476	23.072735	-0.06733796	-0.096682236	-0.14185478	-0.101969354	387.63672	603.89923	808.719	1800.255
06-02-2022 12:35	50.01761	254.9681	259.49905	250.83667	446.34836	442.42798	436.8099	22.340374	24.269798	23.045639	-0.06996748	-0.11816409	-0.1403808	-0.109890014	393.61853	760.38513	797.7461	1951.7499
06-02-2022 12:36	49.988216	254.71193	259.95493	250.70494	446.33606	442.57086	436.8021	22.265928	24.15628	22.010366	-0.06419776	-0.11838955	-0.23054858	-0.13603689	361.41446	748.82434	1264.4937	2374.7324
06-02-2022 12:37	50.021168	254.482	259.5361	250.54971	445.91052	442.16544	436.23892	22.296001	23.838203	22.897018	-0.06882876	-0.10178101	-0.13271494	-0.10704818	381.47974	631.3563	851.9077	1864.7437
06-02-2022 12:38	50.026485	255.48761	260.19687	251.28043	447.30463	443.51355	437.64682	22.426355	23.99563	22.97373	-0.06834743	-0.101920135	-0.12169059	-0.09749008	387.19928	630.10504	692.46313	1709.7675
06-02-2022 12:39	50.031414	254.75143	259.64636	250.6161	446.36978	442.20056	436.51804	22.355598	24.761265	22.961386	-0.068647385	-0.07564355	-0.1252437	-0.0893152	377.0016	482.87094	713.0389	1572.9114
06-02-2022 12:40	50.045536	254.5128	259.53568	250.13995	446.02798	441.52536	436.1084	22.397387	24.554817	21.873821	-0.06186605	-0.06825155	-0.19554576	-0.10569133	349.28433	432.4196	1054.6886	1836.3926
06-02-2022 12:41	50.040054	254.72972	260.29355	250.2653	446.77563	442.23022	436.56668	22.410408	25.045513	21.828596	-0.059869263	-0.052326	-0.20264031	-0.10087697	339.04343	339.47913	1089.6674	1768.19
06-02-2022 12:42	50.046665	254.43832	259.64096	250.46384	446.0102	442.01212	436.2518	22.411713	25.105246	21.896305	-0.061955914	-0.051725928	-0.19614838	-0.09957591	353.23065	334.68472	1055.9893	1743.9048
06-02-2022 12:43	50.058765	254.4236	259.70282	250.71698	446.33313	442.10974	436.3505	22.40627	25.618908	22.467663	-0.06684038	-0.07084147	-0.1566188	-0.09634042	377.63342	438.5123	864.26447	1680.4102
06-02-2022 12:44	50.077076	254.11256	259.18484	250.14258	445.6069	441.38156	435.3746	22.37731	24.983252	22.417625	-0.06695176	-0.043715887	-0.15133677	-0.08494844	377.0373	280.90436	834.99506	1492.9368
06-02-2022 12:45	50.05669	253.80812	259.09555	250.03372	445.07263	441.38168	435.0381	22.391956	25.054243	22.26555	-0.06425914	-0.050311554	-0.15118828	-0.08758904	370.88626	336.25092	830.1358	1537.273
06-02-2022 12:46	50.061462	253.83388	258.711	249.91632	444.71094	440.86758	435.08612	22.335451	24.15255	22.317753	-0.06574245	-0.07906723	-0.14644448	-0.096141435	373.39044	489.3887	799.62244	1662.4014
06-02-2022 12:47	50.033375	253.8876	258.72574	249.50314	444.6885	440.39	434.9925	22.286718	24.046978	21.776272	-0.06731917	-0.077631466	-0.18356633	-0.107374206	377.01068	487.6213	981.4581	1846.0901
06-02-2022 12:48	50.021687	253.63902	258.43454	249.18468	444.0057	440.20273	434.37473	23.32406	24.129005	21.7406	-0.027358089	-0.10491824	-0.17858195	-0.10139065	167.57277	649.8347	951.2971	1768.7047
06-02-2022 12:49	50.04284	253.07631	258.39175	248.64493	443.46075	439.65082	433.493	23.268652	23.946207	21.774998	-0.026182309	-0.09698986	-0.2160524	-0.10985297	152.7543	595.7916	1153.8561	1902.4021
06-02-2022 12:50	50.03292	253.13965	258.2117	248.36597	443.36835	438.9739	433.57742	23.293331	24.431786	21.506157	-0.02833416	-0.118536435	-0.22067699	-0.11931025	165.71146	740.52185	1168.8513	2075.0845
06-02-2022 12:51	50.05857	253.08688	258.14584	248.28854	443.1328	439.0883	433.35815	23.297485	24.586666	21.79026	-0.02849328	-0.122796774	-0.2172548	-0.12006471	166.68336	769.9029	1159.1597	2095.7458
06-02-2022 12:52	50.0657	253.05714	257.85037	248.32492	442.90765	438.7879	433.38074	23.318567	24.078808	22.802399	-0.030162971	-0.09920439	-0.14114578	-0.08956028	176.53604	612.2541	788.33185	1577.1218
06-02-2022 12:53	50.062126	252.21413	256.89728	247.67685	441.68182	437.16574	431.99506	23.128735	23.944738	22.739677	-0.03147928	-0.09570265	-0.13963214	-0.08830532	182.98343	584.47833	775.7162	1543.178
06-02-2022 12:54	50.07797	252.45235	257.59354	247.68842	442.17062	437.99084	432.3239	23.293154	24.897224	22.75016	-0.028416222	-0.068705745	-0.14807105	-0.08028669	163.65564	441.62164	831.1521	1436.4294
06-02-2022 12:55	50.050713	252.39073	257.77408	248.66998	442.53043	438.80194	433.05386	23.333447	24.86451	23.406107	-0.031603605	-0.066159055	-0.117596954	-0.071356356	182.35297	418.7894	673.16895	1274.3113
06-02-2022 12:56	50.048656	252.09726	257.76114	248.62521	442.27258	438.69638	432.80957	22.246532	24.848612	23.348663	-0.077200204	-0.06935264	-0.11852186	-0.087759495	429.34903	441.97617	678.2124	1549.5376
06-02-2022 12:57	50.043953	253.23851	258.33307	249.34396	444.001	439.77756	434.21136	22.354372	25.546368	23.367268	-0.07803874	-0.10094246	-0.1167879	-0.09884971	437.72324	659.3976	670.97235	1768.0933
06-02-2022 12:58	50.03988	253.10992	258.81757	249.13646	443.90274	440.1102	434.2383	22.27701	25.214445	22.301983	-0.07148895	-0.085964024	-0.19927545	-0.11674316	389.32376	553.6923	1109.9742	2052.9902
06-02-2022 12:59	50.041073	253.9926	259.99142	250.0651	445.6219	441.91342	435.88797	22.367432	24.975512	22.240395	-0.07041209	-0.071698524	-0.19247335	-0.10898108	398.5759	464.04126	1053.5823	1916.1995

Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
06-02-2022 13:00	50.05528	257.90887	263.39505	253.33344	452.16458	447.5837	442.016	22.657452	25.147226	22.568459	-0.06843665	-0.069083646	-0.18133026	-0.10401434	395.61432	454.6545	1021.5067	1871.7755
06-02-2022 13:01	50.086365	263.14218	268.4203	258.33105	461.18195	456.2284	450.77866	23.195427	25.081867	23.015585	-0.06906791	-0.0895186	-0.18070725	-0.11164273	412.64532	594.9657	1056.4352	2064.0464
06-02-2022 13:02	50.090336	262.92188	268.20544	258.60223	461.00128	456.30392	450.5964	23.127853	25.013514	24.172499	-0.07258192	-0.084217615	-0.11144914	-0.089215115	430.48477	560.3307	685.52454	1676.3401
06-02-2022 13:03	50.07215	265.1827	270.1851	260.70212	464.5422	459.8244	454.51447	23.280151	25.48049	24.219654	-0.07161981	-0.08861422	-0.11697099	-0.09241569	435.59155	599.7499	725.05994	1760.4014
06-02-2022 13:04	50.079445	265.3839	270.42325	260.93143	464.65393	460.31195	455.0717	23.547323	25.330133	24.36143	-0.067585975	-0.08753124	-0.11077843	-0.08938889	430.231	592.7209	692.1626	1715.1145
06-02-2022 13:05	50.079136	263.84912	269.58716	260.11053	462.9561	458.6987	452.85672	23.424816	25.366152	24.27937	-0.06962744	-0.08658154	-0.11403608	-0.08995449	419.03214	584.51184	708.0714	1711.6155
06-02-2022 13:06	50.07995	263.35672	268.97205	259.4681	461.92004	457.78418	451.77686	23.348988	25.083677	24.273136	-0.06735828	-0.07533688	-0.11397861	-0.08542665	410.1923	502.13525	711.4325	1623.76
06-02-2022 13:07	50.069923	262.40903	268.50195	258.4577	460.49847	456.44046	450.3402	23.276098	24.986244	24.206356	-0.06937242	-0.09661022	-0.116141446	-0.09426794	417.7793	639.4027	713.75684	1770.9388
06-02-2022 13:08	50.063957	261.37454	267.23642	257.50784	458.26764	454.7391	448.63934	23.136631	24.681463	22.867012	-0.06661566	-0.131261	-0.1880278	-0.1281022	397.44644	852.9873	1086.6361	2337.0698
06-02-2022 13:09	50.052998	261.63498	267.32205	257.4897	458.8082	454.5054	448.902	23.147573	24.464981	22.870672	-0.06529068	-0.12097737	-0.18117023	-0.1232584	395.57495	805.41077	1048.3867	2249.3726
06-02-2022 13:10	50.051224	262.2531	267.762	257.94727	459.7038	455.49506	449.6424	23.204958	25.262976	22.927658	-0.060161673	-0.08640755	-0.18343301	-0.10834184	361.59015	578.11896	1065.8721	2005.5813
06-02-2022 13:11	50.030582	261.0368	266.431	257.3169	457.56107	453.92197	447.84888	23.137707	25.363659	24.05841	-0.064762995	-0.084425956	-0.11555014	-0.088295266	385.83377	561.7898	703.53723	1651.1609
06-02-2022 13:12	50.024677	261.19742	266.74692	257.54782	458.11264	454.31335	448.1328	23.164587	25.775188	24.031656	-0.06460276	-0.104678884	-0.11636971	-0.09575723	385.30475	708.9812	707.8812	1802.167
06-02-2022 13:13	50.022903	260.63016	266.46384	257.00958	457.26532	453.47928	447.41077	23.113617	25.306417	23.906164	-0.061900124	-0.08741719	-0.12496053	-0.09210888	377.43893	586.2545	754.81177	1718.5052
06-02-2022 13:14	50.020065	259.68585	265.1526	255.85463	455.2971	451.46716	445.48264	23.016691	25.140358	23.921587	-0.06265193	-0.08624868	-0.11669094	-0.08863478	371.2927	564.0497	700.3149	1635.6573
06-02-2022 13:15	50.026543	259.68643	265.11957	256.04016	455.2569	451.65335	445.59985	23.022852	25.216257	23.942148	-0.06302124	-0.0874397	-0.11589727	-0.08746345	369.01416	555.68976	694.14075	1618.8446
06-02-2022 13:16	50.042175	260.3752	265.52374	256.45636	456.31726	452.38242	446.42438	23.056065	25.169613	24.10036	-0.063866615	-0.08484031	-0.11469283	-0.08788498	378.18112	561.23645	694.64575	1634.0635
06-02-2022 13:17	50.05562	261.11646	266.05984	256.8105	457.0929	453.1928	447.66348	23.073732	24.295923	23.468712	-0.06416399	-0.096009746	-0.15157486	-0.103051506	370.48212	612.8458	899.44794	1882.7759
06-02-2022 13:18	50.056458	260.66342	265.48636	256.366	456.3577	452.4086	446.6349	23.008633	24.458858	23.500519	-0.061497137	-0.10009612	-0.17387545	-0.11154717	363.93567	641.6403	1031.0532	2036.6292
06-02-2022 13:19	50.06557	259.86325	265.14124	255.96608	455.32416	451.7284	445.6731	23.031599	24.840755	23.404186	-0.06396501	-0.11758003	-0.14876658	-0.11030638	377.5633	762.0422	875.71564	2015.321
06-02-2022 13:20	50.07293	259.22653	264.69324	254.7699	454.13818	450.29865	444.34296	22.968529	24.819214	22.900152	-0.0601122263	-0.11863011	-0.18038884	-0.11680517	355.06763	721.91034	1028.6193	2105.5972
06-02-2022 13:21	50.083256	259.33066	264.5068	255.11269	454.28012	450.20203	444.7453	22.96694	24.135075	24.017776	-0.06353489	-0.09423226	-0.10903061	-0.08922099	373.84375	597.34845	657.01385	1628.206
06-02-2022 13:22	50.07752	258.3849	263.3494	254.46605	452.44223	448.81967	443.19855	22.915096	24.19512	23.8121	-0.063071966	-0.09209969	-0.115229	-0.09038193	367.8723	580.2429	688.51166	1636.627
06-02-2022 13:23	50.070034	258.5351	263.60452	254.38974	453.05533	448.78128	443.19806	22.899797	24.100725	22.77918	-0.061778385	-0.09262476	-0.14808643	-0.10023411	361.54514	581.8012	844.378	1787.7244
06-02-2022 13:24	50.068443	258.69794	264.01328	254.92708	453.08966	449.74954	444.11212	22.912128	24.308746	22.809046	-0.06288808	-0.09902309	-0.14741373	-0.10218069	355.63965	633.6512	841.3697	1830.6605
06-02-2022 13:25	50.07831	258.91034	264.45242	255.00224	453.64648	450.2884	444.2786	22.984962	25.184036	22.90801	-0.05974097	-0.070055984	-0.14713205	-0.09087721	348.1976	461.10364	844.1828	1653.484
06-02-2022 13:26	50.094257	259.1062	264.27954	254.7357	453.51782	449.9783	444.29428	23.939964	25.390759	22.742805	-0.0275323024	-0.1024881	-0.15474235	-0.0937196	236.78413	2284.4128	864.52	3385.7168
06-02-2022 13:27	50.080814	259.29535	264.3923	254.58452	453.896	449.58258	444.57513	23.961908	25.583786	21.762169	-0.02432474	-0.08931661	-0.21840318	-0.10593682	139.89035	578.40753	1189.5579	1907.8558
06-02-2022 13:28	50.059067	258.5537	264.16647	254.02744	452.91205	449.08438	443.41895	23.87777	25.412354	21.70111	-0.022153297	-0.050589666	-0.21880509	-0.09124583	131.2655	328.6307	1193.3494	1653.2456
06-02-2022 13:29	50.069313	257.73737	263.49054	253.26624	451.74686	447.72327	442.0442	23.837091	25.521069	21.719887	-0.023301303	-0.05717741	-0.22789265	-0.09677552	141.74025	374.52832	1228.7721	1745.0405
06-02-2022 13:30	50.096092	258.44675	264.2816	254.35431	453.40283	449.20206	443.3934	23.963627	25.698841	22.84657	-0.027215676	-0.054507274	-0.14603062	-0.07420741	164.85907	370.70886	840.6723	1376.2402
06-02-2022 13:31	50.098354	257.75043	263.49405	253.82838	451.65204	448.5407	442.31927	23.852772	25.497723	22.739527	-0.027106093	-0.050479207	-0.153001	-0.074362025	166.15744	340.0488	856.97	1363.1763
06-02-2022 13:32	50.085182	257.57672	263.12442	253.75362	451.45248	448.1984	441.79056	23.83485	25.567272	23.349703	-0.030057814	-0.051486958	-0.121154286	-0.065570414	165.21701	343.69464	707.9601	1216.8717
06-02-2022 13:33	50.089516	258.4469	263.74185	253.75952	452.40363	448.53638	443.08878	23.826578	24.458323	23.379698	-0.029805437	-0.07164897	-0.113408215	-0.071036994	175.5238	457.4572	665.2445	1298.2256
06-02-2022 13:34	50.08546	258.65997	264.2716	254.3966	453.45255	449.5934	443.37714	23.022747	25.027386	23.346462	-0.07148677	-0.088617094	-0.11673015	-0.09209163	421.4172	582.4543	672.56647	1676.438
06-02-2022 13:35	50.084503	258.22913	263.81516	254.35532	452.79938	449.19855	442.81406	22.931177	24.594118	23.322529	-0.06991224	-0.07450746	-0.116498284	-0.08654908	419.22333	475.02075	691.1008	1585.9231
06-02-2022 13:36	50.084084	257.79794	263.53506	253.36102	452.02777	447.92218	441.91293	22.868553	24.352959	22.13535	-0.06275558	-0.071699485	-0.2030745	-0.10970606	365.01163	456.2373	1119.9535	1941.2024
06-02-2022 13:37	50.082336	258.24768	263.8314	253.81479	452.25998	448.85703	442.81818	22.924583	24.597168	22.160965	-0.06523302	-0.07861289	-0.18391153	-0.10692441	381.53534	504.7484	1016.7569	1903.0406
06-02-2022 13:38	50.06968	258.10843	263.6387	253.5785	452.07272	448.48944	442.39044	22.854435	24.352482	22.178799	-0.063831545	-0.07006444	-0.18416746	-0.103614956	372.29037	445.46454	1018.1913	1835.9463
06-02-2022 13:39	50.068462	258.70752	263.92728	253.96762	452.8975	449.1513	443.11462	22.925728	24.620783	22.193716	-0.06563033	-0.08220868	-0.18530169	-0.108784474	384.4844	528.2114	1025.7527	1938.4485
06-02-2022 13:40	50.061974	258.89655	264.04587	254.28493	453.2429	449.43872	443.56323	22.928974	24.3787	23.265541	-0.06584111	-0.06660081	-0.12116215	-0.08407153	389.47025	425.00452	704.7721	1519.2468
06-02-2022 13:41	50.0541	258.6999	265.09195	255.3193	454.3322	450.80927	444.37003	23.057758	25.958338	23.43481	-0.06784315	-0.06615745	-0.12223046	-0.08396855	393.8547	436.7118	718.1947	1548.7612
06-02-2022 13:42	50.02303	260.39532	265.7065	255.89737	456.37766	451.92996	446.2058	23.134014	26.056644	23.41006	-0.06777167	-0.0689686	-0.121820144	-0.08525001	404.5883	427.07928	719.29205	1550.9596
06-02-2022 13:43	50.008034	260.3388	265.24005	255.28682	455.67282	451.41086	445.46555	23.055983	25.385864	23.365963	-0.06629094	-0.06423223	-0.11563796	-0.08120863	395.0432	432.0606	678.6371	1505.741
06-02-2022 13:44	49.98918	260.0423	264.6454	255.16463	455.01306	450.8684	444.90854	23.00684	25.471	24.575645	-0.07066811	-0.0625128	-0.079875104	-0.07079224	416.51556	423.06177	497.5549	1337.1323
06-02-2022 13:45	49.98094	259.83713	264.49615	255.07011	454.75143	450.47775	444.7837	22.961294	25.390694	24.454517	-0.06882466	-0.062748455	-0.08637274	-0.07242497	409.9921	414.43872	524.7091	1349.14
06-02-2022 13:46	49.989582	259.67	264.5358	254.66061	454.50552	450.0973	444.48337	22.888046	25.313093	23.242188	-0.06508001	-0.06626761	-0.14857887	-0.091961525	382.5122	440.55573	862.89575	1685.9637
06-02-2022 13:47	49.98273	259.7529	264.77444	254.49074	454.66492	450.13373	444.55286	22.967863	25.482834	23.269848	-0.066795185	-0.070271865	-0.14611225	-0.09296586	389.95648	469.48987	850.9265	1710.3729
06-02-2022 13:48	49.983955	260.34222	264.95792	255.22882	455.61865	450.8297	445.51718	22.982643	25.901567	23.30112	-0.06763743	-0.0823704	-0.14571528	-0.09765419	399.54993	557.4266	851.1883	1808.1647
06-02-2022 13:49	50.013027	260.5257	264.691	255.54199	455.75394	450.94873	445.65616	22.995773	24.95924	24.439428	-0.06564149	-0.10241398	-0.08555769	-0.08513481	388.17886	667.8341	526.02795	1582.0409
06-02-2022 13:50	50.035374	260.40195	264.95435	255.54408	455.7423	451.21466	445.64914	22.981873	24.403666	24.609932	-0.06468455	-0.077138335	-0.07921933	-0.073859654	375.57193	505.32498	508.04907	1388.9459
06-02-2022 13:51	50.05687	259.98752	264.95288	255.64027	455.34097	451.2337	445.47696	22.994255	24.751099	24.62423	-0.06509347	-0.09233568	-0.08540653	-0.08137293	377.31564	587.8873	526.6291	1491.832
06-02-2022 13:52	50.07184	259.91556	264.9123	255.79446	455.33917	451.49417	445.2889	23.039438	24.821836	24.592438	-0.06627038	-0.090569235	-0.07873682	-0.07857899	384.80862	587.9908	487.91772	1460.7172
06-02-2022 13:53	50.07896	260.38528	264.94357	255.78078	455.68344	451.31833	445.9645	23.959156	24.646473	24.667768	-0.06776193	-0.08560745	-0.08270245	-0.0788077	421.92416	553.49304	504.53214	1479.9493
06-02-2022 13:54	50.075344	259.75357	264.5903	255.20859	454.75897	450.64426	444.86765	23.883383	24.52774	24.51888	-0.06634023	-0.08751063	-0.09014492	-0.08144114	413.16528	560.3578	558.7467	1532.2699
06-02-2022 13:55	50.08418	260.86624	265.88315	255.93433	456.66995	452.6473	446.3804	23.915842	24.468666	23.517597	-0.06407357	-0.083461665	-0.157385	-0.10058775	393.73804	536.6857	931.4682	1861.892
06-02-2022 13:56	50.081375	260.6947	265.5782	255.98401	456.25128	452.52808	446.1752	23.913448	24.779026	23.469667	-0.064666346	-0.13333909	-0.14621344	-0.114612594	405.55405	853.98126	865.45807	2124.9932
06-02-2022 13:57	50.073837	260.54233	265.86322	255.89499	456.2681	452.39468	446.37112	23.945715	25.189243	22.896425	-0.062748976	-0.08953815	-0.17616616	-0.107540466	386.39737	593.29626	1014.2577	1993.9513
06-02-2022 13:58	50.06679	260.5678	265.80786	255.82784	456.1656	452.3316	446.36777	23.946465	25.249289	22.902166	-0.063683435	-0.09059526	-0.17769799	-0.10867227	392.49875	601.12744	1022.6059	2016.2322
06-02-2022 13:59	50.073437	260.9675	266.13306	256.61334	456.97308	453.47598	447.0292	24.00276	25.327108	24.080624	-0.06736778	-0.088293545	-0.114026256	-0.0897143	419.05652	572.6614	693.02966	1684.7476
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
06-02-2022 14:00	50.090298	261.21445	266.60464	256.42242	457.44366	453.38605	447.56717	24.020973	25.306068	24.148228	-0.06398931	-0.067774504	-0.10982034	-0.08004663	396.74683	452.5055	669.4447	1518.697
06-02-2022 14:01	50.09246	262.55765	267.6447	257.89542	460.06543	455.63718	449.37347	24.212643	25.448902	24.24871	-0.06427317	-0.06684531	-0.107091404	-0.07892591	402.6466	450.2908	658.4393	1511.3767
06-02-2022 14:02	50.116745	262.8196	267.8684	258.1454	459.95227	456.21518	450.1785	24.218365	25.444345	24.316984	-0.06396406	-0.06884469	-0.10825218	-0.07991085	401.78644	464.74017	667.93677	1534.4635
06-02-2022 14:03	50.12214	263.3945	268.7235	259.0076	461.24402	457.36276	451.70984	24.26979	26.027422	24.28799	-0.067091085	-0.08883665	-0.11317733	-0.08637418	407.75134	564.38086	699.84705	1671.9794
06-02-2022 14:04	50.115395	263.73795	268.5483	258.72388	461.14932	457.13245	451.8328	25.206997	24.7326	24.374199	-0.031842228	-0.10210643	-0.10460576	-0.07881377	192.23283	683.9322	648.16406	1524.3291
06-02-2022 14:05	50.121433	264.36783	269.0855	258.93042	462.25015	457.66177	452.5856	25.225384	24.710567	23.174803	-0.030375276	-0.09701588	-0.17431736	-0.09763145	193.52599	635.82935	1027.6848	1857.04
06-02-2022 14:06	50.091064	264.02066	268.94128	258.5889	462.2322	457.32697	451.50198	25.185402	24.551674	22.672401	-0.030843457	-0.09291457	-0.2111494	-0.10701111	193.02664	605.63995	1213.0427	2011.7092
06-02-2022 14:07	50.084755	263.78995	268.56927	258.3022	461.36176	456.79895	451.35565	25.18121	24.667494	22.579117	-0.0319712	-0.09938847	-0.2065074	-0.108424656	209.6377	647.6151	1179.4492	2036.7019
06-02-2022 14:08	50.068253	263.88556	268.52066	258.106	461.48224	456.7007	451.07715	25.201313	24.695599	23.68578	-0.033907685	-0.09554912	-0.14294235	-0.089250565	224.70752	627.0504	866.2279	1717.9858
06-02-2022 14:09	50.027225	263.7908	268.13916	258.56705	461.26712	456.62646	451.33417	25.141161	24.733875	24.316479	-0.03517362	-0.0991551	-0.11478265	-0.08240253	228.20358	648.1046	709.84985	1586.1582
06-02-2022 14:10	50.006084	256.18274	260.6118	251.31882	448.22546	443.78397	438.448	24.43715	24.425186	23.688353	-0.03616112	-0.11143803	-0.11461223	-0.08698818	225.24487	698.552	677.4072	1601.2041
06-02-2022 14:11	49.990993	256.57504	261.07684	251.83601	449.1041	444.56427	439.1702	24.45837	24.578083	23.687557	-0.036742687	-0.119955935	-0.11646258	-0.090564914	226.08458	756.92883	683.2453	1666.2588
06-02-2022 14:12	49.97458	256.0435	261.32953	251.83176	448.93253	444.5923	438.82657	23.42415	24.850037	23.571817	-0.07679314	-0.06516666	-0.12687536	-0.08874909	455.88794	419.0875	740.8816	1615.8569
06-02-2022 14:13	50.00924	256.46912	261.94992	251.85826	449.556	445.35382	439.3032	23.439016	24.81817	23.619585	-0.07692966	-0.061156753	-0.12642519	-0.08694605	451.8776	393.6349	739.7107	1585.2231
06-02-2022 14:14	49.987648	255.14629	260.5518	251.03958	447.30533	443.35074	437.42157	23.328495	24.866674	23.640003	-0.07449262	-0.06890792	-0.12171766	-0.08770536	438.9803	442.2043	710.32684	1591.5115
06-02-2022 14:15	49.976192	254.81795	260.6733	250.37758	447.01297	442.77078	436.79544	23.2767	25.206173	22.625275	-0.07027307	-0.049551778	-0.2100352	-0.10569035	403.19092	325.7089	1166.6887	1895.5886
06-02-2022 14:16	50.002815	255.18507	261.09064	250.89091	447.76706	443.5675	437.4922	23.340208	25.103619	22.62274	-0.07076348	-0.047260024	-0.20791513	-0.104836844	414.94592	312.59598	1158.2026	1886.6431
06-02-2022 14:17	50.00424	255.06606	260.821	250.51897	447.38824	443.1352	436.9869	23.297733	25.608826	21.446695	-0.06842194	-0.06653229	-0.24465114	-0.12026402	404.50037	436.69647	1289.0394	2130.2363
06-02-2022 14:18	50.022408	255.30234	260.7412	250.9728	447.72668	443.35605	437.48068	23.399164	25.711195	22.583015	-0.072521605	-0.06944713	-0.16236155	-0.096122354	425.74908	419.74725	887.79047	1733.2867
06-02-2022 14:19	50.05227	255.25873	260.81464	250.76138	447.50104	443.3241	437.42468	23.376278	25.20404	22.564259	-0.07205639	-0.05026783	-0.15679611	-0.09039639	420.39404	330.17276	872.78754	1623.3545
06-02-2022 14:20	50.04691	255.59857	260.8321	251.01764	447.76505	443.7612	437.7836	23.372616	24.32102	22.62952	-0.07233962	-0.07686449	-0.1562559	-0.099791415	429.69244	470.0827	873.8352	1773.6104
06-02-2022 14:21	50.06394	255.11235	261.31628	251.32054	447.8262	443.98398	438.0223	23.35373	24.407263	22.516903	-0.0716797	-0.07918612	-0.1591427	-0.101719916	413.956	505.0061	900.72845	1819.6906
06-02-2022 14:22	50.06445	256.2498	262.44556	252.42271	449.73267	445.9087	440.02548	23.507528	24.608137	22.673038	-0.07126353	-0.0790016	-0.15122004	-0.09927383	428.6348	503.11816	849.8046	1781.5576
06-02-2022 14:23	50.061077	255.90927	262.0138	252.17451	449.0481	445.42346	439.42664	23.44282	24.457726	22.655085	-0.071089156	-0.076230414	-0.15620992	-0.099638626	420.49475	498.39175	880.2938	1799.1803
06-02-2022 14:24	50.037567	255.54283	261.77875	251.49802	448.54297	444.50717	438.63785	23.39518	24.370865	21.545753	-0.06749964	-0.07947986	-0.23144974	-0.122727	405.8692	513.9276	1236.9276	2156.7246

06-02-2022 14:25	50.040455	255.0614	261.3498	251.10762	447.65796	443.8238	437.952	23.471346	24.760153	21.38892	-0.068143636	-0.09449234	-0.23316294	-0.12732258	401.82306	602.2161	1229.6829	2233.7222
06-02-2022 14:26	50.007984	254.83548	261.16678	250.33487	447.2041	443.08386	437.1038	23.315948	24.239902	21.423752	-0.06810841	-0.10126067	-0.23266114	-0.12982363	400.19354	634.55414	1225.3673	2260.115
06-02-2022 14:27	49.996952	254.82397	261.36343	250.4141	447.38327	443.2571	437.21024	23.33453	24.050447	21.462564	-0.06738034	-0.09518561	-0.22627264	-0.12560034	396.00247	593.21246	1195.0927	2184.3076
06-02-2022 14:28	50.00691	255.61037	261.6959	251.72154	448.72504	444.57294	438.74957	23.424526	25.002937	22.54401	-0.064239904	-0.06518311	-0.15177198	-0.091703944	380.3067	423.6525	846.33264	1650.2917
06-02-2022 14:29	50.02286	255.31886	261.2899	251.33206	448.07272	443.89523	438.1963	23.386261	25.123137	22.382505	-0.06408213	-0.068073705	-0.1522929	-0.092810415	378.70178	442.70566	846.54816	1667.9556
06-02-2022 14:30	49.988564	254.72766	260.8152	250.81786	447.06516	443.0932	437.26907	23.368896	25.184858	22.38361	-0.06493749	-0.07438491	-0.15923448	-0.09744441	381.92014	483.98438	879.33405	1745.2386
06-02-2022 14:31	50.01868	253.96675	260.75693	250.753	446.23694	442.90817	436.74994	23.256012	25.081509	22.454489	-0.03999241	-0.071752205	-0.15361175	-0.086749785	233.3641	465.66287	850.44946	1549.4763
06-02-2022 14:32	50.011513	254.25743	260.48178	250.76732	446.44913	442.85587	436.64218	23.219063	25.52416	22.504128	-0.041679755	-0.09007388	-0.14873573	-0.0922481	240.21436	591.9081	824.1581	1656.2805
06-02-2022 14:33	50.03774	254.51906	261.5157	251.42422	447.412	444.2089	437.70975	23.273502	25.18306	22.571747	-0.038502872	-0.0712129	-0.1530394	-0.08594909	225.70808	464.38187	853.6548	1543.7449
06-02-2022 14:34	50.031296	253.81708	261.17218	250.26132	446.39426	442.85583	436.2612	23.181702	25.001858	20.930758	-0.03473668	-0.07210629	-0.26849103	-0.11720567	196.98608	462.99524	1381.963	2041.9443
06-02-2022 14:35	50.022167	254.64879	261.0881	250.75394	447.0877	443.50778	437.06067	23.186554	24.15279	21.40169	-0.039082427	-0.09572244	-0.21736501	-0.113537185	222.73901	597.6617	1148.8734	1969.2742
06-02-2022 14:36	50.019894	254.91428	261.20563	251.06389	447.28867	444.0537	437.51138	23.217854	24.134073	21.423769	-0.037176933	-0.0964683	-0.21626872	-0.11320162	216.9478	602.48914	1145.9122	1965.3491
06-02-2022 14:37	50.014687	255.66142	261.703	252.12823	448.5371	445.246	439.06558	23.265743	24.203386	22.499086	-0.040382445	-0.0930008	-0.14325613	-0.09184666	244.991	586.28326	801.8171	1633.0914
06-02-2022 14:38	50.02014	255.68044	261.71838	252.3901	448.54727	445.68555	439.12762	23.275473	24.30313	23.570297	-0.04295751	-0.095761426	-0.113046855	-0.08415166	251.01471	593.7629	666.3099	1511.0874
06-02-2022 14:39	50.01885	256.02878	262.221	252.90947	449.3273	446.4123	439.9942	23.320417	24.710247	23.606785	-0.044067066	-0.10941095	-0.11560592	-0.09019749	265.28305	720.70593	677.3518	1663.3408
06-02-2022 14:40	50.027916	256.78494	262.28326	252.69768	450.00168	446.45074	440.33328	23.370132	24.933607	23.705952	-0.045282707	-0.116984434	-0.10666843	-0.087935895	263.62332	720.6049	625.8274	1610.0555
06-02-2022 14:41	50.017982	257.09827	261.88834	252.81076	450.0731	446.3996	440.3629	23.354774	24.361542	23.680784	-0.044464234	-0.0957519	-0.10666674	-0.08276358	266.9546	604.96936	629.5436	1501.4675
06-02-2022 14:42	50.01764	257.43903	262.0456	252.64742	450.22794	446.49646	440.6912	24.464552	24.324415	23.789557	-0.004982193	-0.07482018	-0.10719687	-0.061633144	31.082565	473.52747	634.0978	1138.7078
06-02-2022 14:43	50.009132	257.71777	262.41257	252.67357	450.85397	446.62418	441.10526	24.544611	25.136969	22.600992	-0.002298449	-0.08486913	-0.18974409	-0.0887867	20.371593	545.1859	1050.6404	1616.198
06-02-2022 14:44	50.02352	256.84915	262.51816	252.863	450.13174	446.58447	440.87253	24.501938	24.884474	22.601852	-0.003467855	-0.07254121	-0.17529897	-0.080583684	16.205729	478.25922	988.934	1483.3989
06-02-2022 14:45	50.022663	257.38943	262.189	252.66016	450.54285	446.36624	440.6949	24.474205	24.97961	22.638645	-0.004293808	-0.07860078	-0.17528804	-0.082919195	26.845314	510.74512	984.1842	1521.7747
06-02-2022 14:46	50.0014	257.01266	261.89233	252.55188	450.03723	446.03445	440.17725	23.666498	24.909021	23.132053	-0.03185586	-0.07119806	-0.14996698	-0.083033346	191.63834	460.0813	861.1549	1512.8746
06-02-2022 14:47	50.02033	256.20975	262.22653	253.17044	449.77017	446.48447	440.25323	23.719866	25.39589	24.315672	-0.03741119	-0.0889314	-0.08928708	-0.07243449	230.00293	572.4478	539.2646	1341.7153
06-02-2022 14:48	50.01322	257.3198	262.33932	253.38432	450.872	447.04956	441.07306	23.773483	25.219967	24.410774	-0.038311366	-0.07405841	-0.08540891	-0.067178175	233.59972	490.1728	530.0805	1253.853
06-02-2022 14:49	50.02305	256.4653	261.93396	252.84648	449.67233	446.10803	440.1018	23.694408	25.148766	24.327738	-0.0384341	-0.07504939	-0.086593986	-0.06695166	231.36374	488.31418	524.5296	1244.2075
06-02-2022 14:50	50.01902	257.16727	262.23907	253.23424	450.479	446.94443	440.87296	22.637758	24.090738	24.332	-0.0870848	-0.10055219	-0.086384095	-0.0915126	502.18777	611.8006	518.5912	1632.5795
06-02-2022 14:51	49.99483	255.43524	260.39523	251.42685	447.4449	443.9208	437.6063	22.475067	23.844494	24.162313	-0.08662968	-0.096866086	-0.08637906	-0.090083204	486.21753	593.56384	527.9712	1607.7526
06-02-2022 14:52	49.99992	254.53368	259.91495	250.84569	446.13657	442.99362	436.44308	22.419176	23.893785	24.035551	-0.08389512	-0.09891582	-0.09334395	-0.09252157	476.72168	608.7829	554.4616	1639.9663
06-02-2022 14:53	49.990314	253.96312	260.14062	249.7071	445.58072	442.2405	435.19418	22.327272	23.77651	22.928373	-0.078632146	-0.1006102	-0.15451562	-0.111003734	440.4386	628.05115	862.05286	1930.5426
06-02-2022 14:54	50.004246	254.03644	260.15567	249.95119	445.69592	442.3419	435.55148	22.367365	24.333687	22.882534	-0.07936915	-0.11678193	-0.1533217	-0.11651766	445.07074	729.433	861.1151	2035.6189
06-02-2022 14:55	50.01428	254.65936	260.05	250.45221	446.3449	442.82062	436.18222	22.373276	23.87882	22.954758	-0.079257034	-0.09948962	-0.15306947	-0.11033837	447.07065	611.2919	866.8108	1925.1733
06-02-2022 14:56	49.983807	254.83223	260.11258	250.96323	446.54373	443.3529	436.73965	22.35345	24.041454	24.048088	-0.08331173	-0.09999718	-0.09227556	-0.09211602	469.76834	617.8607	548.56274	1636.1919
06-02-2022 14:57	50.003872	256.04645	260.84186	251.82735	448.42978	444.4879	438.58115	22.53626	24.102055	24.287247	-0.082137994	-0.100928575	-0.08542941	-0.08975617	470.39185	601.1932	513.457	1585.9951
06-02-2022 14:58	49.98355	256.2444	261.3029	252.02065	449.04385	444.99875	438.93536	22.550497	24.931318	24.341324	-0.08129638	-0.07313322	-0.106651366	-0.08681992	463.98273	471.90567	644.4898	1580.3782
06-02-2022 14:59	50.007545	256.40378	261.57437	252.57784	449.59787	445.62656	439.463	22.601461	24.826134	24.363451	-0.0827668	-0.060451463	-0.10480925	-0.08226164	473.3828	387.91882	634.60425	1495.9058
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
06-02-2022 15:00	50.00922	256.81915	261.9426	253.31078	450.35355	446.66306	440.29395	22.630661	25.059717	24.324211	-0.08019895	-0.07258939	-0.11278652	-0.08829602	459.3629	469.26782	674.4249	1603.0555
06-02-2022 15:01	50.035988	257.06436	262.60257	253.86133	451.05756	447.88614	440.8894	22.670279	25.653328	24.434448	-0.08256381	-0.09511068	-0.10656167	-0.09449895	465.33362	633.46985	654.32336	1753.1268
06-02-2022 15:02	50.0548	258.1326	263.42886	254.18599	452.67334	448.63934	442.36868	22.732687	25.316961	23.319107	-0.077980645	-0.08022233	-0.17426711	-0.109594256	457.4515	516.4432	1029.8622	2003.7567
06-02-2022 15:03	50.067043	257.68054	263.2989	253.98268	452.14996	448.43362	441.7386	22.746456	25.611279	23.220423	-0.07876872	-0.054474067	-0.15136835	-0.09295388	451.41736	362.63666	874.74274	1688.7966
06-02-2022 15:04	50.072292	256.7974	262.62033	253.08633	450.53772	447.18015	440.3482	22.681675	25.578184	23.081116	-0.077841446	-0.057092536	-0.1607799	-0.096505016	450.21387	368.50366	912.0386	1730.7561
06-02-2022 15:05	50.05651	255.68037	261.57938	251.96367	448.7231	445.17554	438.48657	22.56151	25.142002	23.10234	-0.0764368	-0.04716768	-0.15604375	-0.091190524	435.28824	313.1359	890.8789	1639.303
06-02-2022 15:06	50.046852	253.94716	259.01102	250.34047	445.10834	441.79288	435.2122	22.404552	24.254028	24.123245	-0.08060856	-0.072741404	-0.08704984	-0.08000763	453.502	453.09882	517.68134	1424.2822
06-02-2022 15:07	50.03994	254.06342	259.40976	250.08879	445.41522	441.88507	435.27533	22.386402	24.36237	24.102821	-0.07491142	-0.075961016	-0.088350095	-0.07975807	420.94266	475.04413	524.2199	1420.2065
06-02-2022 15:08	50.028187	254.38536	259.185	250.63803	445.77353	441.99423	435.9208	22.408691	24.711409	23.96742	-0.07818385	-0.1152264	-0.089036554	-0.09488276	440.7428	707.5601	514.78076	1663.0836
06-02-2022 15:09	50.023594	254.52586	259.42142	250.73854	445.97546	442.40393	436.1369	22.396893	24.722061	24.186209	-0.07669287	-0.11718835	-0.107651964	-0.102275044	433.74115	726.02655	672.89215	1832.6599
06-02-2022 15:10	49.99316	254.52536	259.4704	250.77145	445.91678	442.55084	436.1893	22.414968	24.17263	24.181095	-0.07489208	-0.09285014	-0.1024336	-0.091809236	428.5819	596.3227	611.12427	1636.0289
06-02-2022 15:11	50.00055	254.81975	260.24466	251.17943	446.67255	443.6788	436.86624	22.393496	24.078218	23.071463	-0.074058585	-0.0916325	-0.12500228	-0.09681715	417.43484	569.22394	711.7661	1698.425
06-02-2022 15:12	49.973568	254.12752	259.86612	249.94116	445.61285	442.17368	435.4393	22.371193	24.137207	21.357462	-0.06828149	-0.09965669	-0.22290681	-0.12718217	380.8277	611.9121	1167.92	2160.6597
06-02-2022 15:13	49.98891	255.28192	261.19247	251.13228	447.73944	444.3748	437.47266	22.445675	24.142246	21.402113	-0.066518135	-0.09596249	-0.21956713	-0.124240845	382.15936	593.8047	1158.9166	2134.8806
06-02-2022 15:14	50.017506	255.59904	261.4595	251.18532	448.29016	444.4565	437.94592	22.499413	24.981865	21.394613	-0.065806456	-0.06731667	-0.21927169	-0.11284154	371.57376	446.77414	1162.816	1981.164
06-02-2022 15:15	49.971275	255.01646	261.71237	251.91098	448.24384	444.73663	438.39435	22.544249	25.151981	22.464197	-0.06954341	-0.06680615	-0.14791651	-0.09309424	384.5172	451.38483	822.7731	1658.675
06-02-2022 15:16	49.954178	254.83308	261.69653	252.00938	448.07925	444.97614	438.14563	22.471382	25.692232	22.514715	-0.072127454	-0.09405754	-0.15428098	-0.10380509	406.05972	600.8804	846.89685	1853.8369
06-02-2022 15:17	49.965157	255.07675	261.10214	251.52048	447.8662	444.56137	437.3182	22.492325	25.209568	22.416382	-0.069618426	-0.066027686	-0.15688935	-0.09564297	394.00018	428.40775	869.5053	1691.9131
06-02-2022 15:18	49.96609	255.02597	261.56412	252.0085	448.23785	444.72656	438.3379	22.494839	25.032341	22.400734	-0.06935905	-0.060402885	-0.14663635	-0.09037685	392.95377	391.3127	816.48737	1600.7538
06-02-2022 15:19	49.978645	255.3129	260.94998	251.58696	447.87677	444.48175	437.64484	22.520372	25.220356	22.43722	-0.06952153	-0.06704029	-0.14516376	-0.09229861	394.24927	435.86243	805.6091	1635.7208
06-02-2022 15:20	50.02595	255.67003	261.40445	251.54277	448.47815	444.86484	437.99368	22.558462	25.16245	22.52557	-0.069436885	-0.066556685	-0.14351796	-0.09158659	395.01245	433.6983	798.97437	1627.6853
06-02-2022 15:21	50.02369	255.08417	262.38675	251.632	448.33145	445.38733	438.46295	22.480972	24.138374	21.42466	-0.064411156	-0.09648343	-0.23147242	-0.12725826	362.8795	606.1462	1227.5652	2196.5908
06-02-2022 15:22	50.001846	255.59698	262.1565	252.1163	448.65265	445.55304	439.29758	23.579449	24.245337	21.506145	-0.024982957	-0.10157841	-0.21732263	-0.11117962	145.87424	649.0718	1158.6583	1953.6045
06-02-2022 15:23	50.015026	257.4146	262.49933	252.9171	450.75208	446.7408	441.13718	23.73536	24.744873	22.06187	-0.030788707	-0.113895364	-0.18448655	-0.10745643	185.93208	737.8376	1021.62524	1945.2191
06-02-2022 15:24	50.004826	257.25656	262.8005	252.6278	450.6555	446.9222	440.8028	23.685226	24.239517	21.578148	-0.029435275	-0.10214108	-0.22679389	-0.1151937	177.32744	645.70605	1217.5947	2040.628
06-02-2022 15:25	49.95998	257.59357	262.67764	253.07417	451.07797	447.2539	441.18933	23.720715	24.448757	22.605663	-0.03240235	-0.08024606	-0.1506033	-0.08599137	193.11487	508.20248	846.2036	1547.521
06-02-2022 15:26	49.963764	257.47708	263.52695	253.5358	451.51324	448.11972	441.9592	23.707989	24.332216	22.583477	-0.032152057	-0.07884391	-0.16034712	-0.088658616	190.04605	504.09515	901.5979	1595.7391
06-02-2022 15:27	49.936546	257.18024	263.6186	253.47522	451.21704	448.17557	441.7396	23.702518	24.287407	22.576874	-0.03165905	-0.077031605	-0.15128784	-0.0850432	185.31906	487.80438	849.04236	1522.1658
06-02-2022 15:28	49.962605	257.7195	263.89514	253.77094	452.117	448.5324	442.40918	23.748535	24.332602	22.701687	-0.030919103	-0.07510016	-0.1560828	-0.086668715	187.6196	488.22424	886.6007	1562.4445
06-02-2022 15:29	49.95469	257.55945	263.22812	253.38324	451.6292	447.67252	441.6526	22.648668	25.148306	22.58895	-0.07794477	-0.047554743	-0.1586322	-0.09271092	460.90286	311.32135	892.627	1664.8512
06-02-2022 15:30	49.947697	257.19852	262.68958	253.0304	450.8494	447.02832	440.90604	22.622452	25.451553	22.43986	-0.08069781	-0.09986167	-0.16135086	-0.11287	463.1749	658.3911	899.99646	2021.5625
06-02-2022 15:31	50.001305	258.2406	264.28104	253.97331	453.01215	449.39474	442.57712	22.742088	25.39587	21.577705	-0.07289839	-0.09272796	-0.23414804	-0.12900355	424.39633	612.473	1260.1196	2296.989
06-02-2022 15:32	50.000748	257.67786	263.715	253.84158	452.0012	448.75055	442.04486	22.655235	24.989378	22.649061	-0.07583602	-0.07544409	-0.18537436	-0.110119626	436.6789	492.03384	1045.1979	1973.9106
06-02-2022 15:33	50.00785	257.3365	263.47064	253.48238	451.44086	448.29813	441.42175	22.592695	24.798439	22.667845	-0.075086996	-0.06846644	-0.18894497	-0.10864558	424.5714	453.25333	1066.2083	1945.447
06-02-2022 15:34	50.027924	258.6727	264.27158	254.4093	453.22787	449.83383	443.40317	22.750006	24.972837	23.841211	-0.07428018	-0.06686611	-0.12340288	-0.08763236	434.00476	437.14478	741.42035	1612.5698
06-02-2022 15:35	50.01354	258.6696	264.1213	254.51785	453.37247	449.62222	443.39246	22.726744	25.106096	23.840387	-0.07396664	-0.07094063	-0.120460324	-0.08804515	427.97543	464.58838	718.9906	1611.5544
06-02-2022 15:36	49.9893	258.2946	263.9644	255.02551	453.1772	449.58322	443.58026	22.693516	24.337364	23.747375	-0.07881869	-0.10161893	-0.11794232	-0.09970026	456.26218	643.1111	703.02094	1802.3943
06-02-2022 15:37	49.995613	257.617	263.93887	254.87575	452.382	449.5209	442.9621	22.678125	24.052011	23.745775	-0.0773655	-0.096028954	-0.11929775	-0.09774999	445.31067	613.4975	709.4061	1768.2142
06-02-2022 15:38	49.980515	258.05673	263.67694	254.6559	452.43344	449.463	442.89392	22.646091	24.410172	23.715504	-0.07836049	-0.10845368	-0.124831036	-0.10462632	447.80624	704.31366	740.3299	1892.4498
06-02-2022 15:39	49.98635	258.17526	263.5955	254.66644	452.7228	449.44077	442.70905	22.646082	23.983831	23.756533	-0.08005418	-0.09102857	-0.1159691	-0.09543825	458.2706	566.21497	691.9488	1716.4343
06-02-2022 15:40	49.97332	258.21237	263.59055	254.67252	452.62216	449.41898	442.89725	22.634447	24.193304	23.733866	-0.079479754	-0.10101876	-0.11872981	-0.09996889	454.02103	636.2196	697.8467	1788.0873
06-02-2022 15:41	49.947998	257.91055	263.57928	254.26012	452.3195	449.01968	442.34656	22.5782	23.928555	22.547905	-0.07379441	-0.09275093	-0.1872021	-0.116264075	426.8393	575.99585	1053.2699	2056.105
06-02-2022 15:42	49.94593	258.40387	263.83762	254.59445	453.09	449.46008	443.01608	22.622452	23.984753	22.49963	-0.07493976	-0.09122025	-0.18888368	-0.11748415	422.13348	580.04736	1069.6519	2071.8325
06-02-2022 15:43	49.954895	258.4883	263.94214	254.66637	453.33362	449.38663	443.2984	22.62866	24.11308	22.592287	-0.07690481	-0.09403887	-0.18435082	-0.11719344	439.74567	597.1041	1041.8647	2078.7146
06-02-2022 15:44	49.935688	258.48212	263.8076	255.09053	453.5423	449.61053	443.35208	22.710333	25.042278	23.794529	-0.079194844	-0.06420152	-0.12210882	-0.08735544	454.1131	406.5904	733.39246	1594.096
06-02-2022 15:45	49.933792	258.63678	263.85193	255.241	453.49628	449.82132	443.79138	22.712818	25.51589	23.700132	-0.07925982	-0.08538633	-0.11640038	-0.09202323	469.15417	530.49445	692.83844	1692.487
06-02-2022 15:46	49.918472	258.49667	263.68057	255.119	453.13232	449.75153	443.4736	22.639292	24.915882	23.676283	-0.07276763	-0.06139121	-0.124033384	-0.085388824	420.50305	400.05518	736.00684	1556.565
06-02-2022 15:47	49.95777	258.40857	263.60532	254.93726	452.958	449.47696	443.32565	22.665718	24.955542	23.79082	-0.073166005	-0.06258867	-0.1168183	-0.08360768	422.27676	407.39688	696.32806	1526.0024
06-02-2022 15:48	49.996155	258.5158	263.85977	254.57024	453.18445	449.3011	443.27115	22.69476	24.982224	23.81895	-0.06851573	-0.059816886	-0.12009544	-0.08253507	402.46564	391.94415	713.7304	1508.1403
06-02-2022 15:49	50.01915	258.5983	264.10428	254.53264	453.5706	449.31277	443.37756	22.728	25.011612	23.308027	-0.066748396	-0.06300092	-0.14762776	-0.0913448	395.93246	430.23322	883.2187	1709.3845
06-02-2022 15:50	50.02284	258.38934	263.95023	254.29417	453.0102	449.17218	443.03647	22.705164	25.476562	22.301926	-0.065206155	-0.051319376	-0.25621843	-0.11867601	376.0138	342.58112	1424.4084	2143.0032

06-02-2022 15:51	50.015553	257.92133	263.5624	253.9289	452.3553	448.5005	442.24857	22.664404	25.232656	22.173903	-0.06548875	-0.061757937	-0.23362151	-0.11661061	374.17548	410.54446	1296.0901	2080.81
06-02-2022 15:52	50.01304	257.65613	262.81464	253.8785	451.63892	447.79715	441.8205	22.634832	25.141842	22.723692	-0.07159962	-0.1123424	-0.19679166	-0.12602873	411.14957	727.1404	1115.0316	2253.3215
06-02-2022 15:53	49.98232	257.31393	262.50198	253.53697	450.97534	447.36404	441.1913	22.545895	24.845474	22.667439	-0.068789735	-0.10868285	-0.20964637	-0.1298174	397.38855	738.5209	1176.4182	2312.3276
06-02-2022 15:54	49.98743	257.5306	262.59973	253.88123	451.2607	447.76022	441.64832	22.586021	24.389717	23.705921	-0.07278867	-0.08746905	-0.107919805	-0.08951624	417.84448	550.0999	648.15186	1615.5182
06-02-2022 15:55	49.955425	257.4297	262.45453	253.74216	451.06024	447.63828	441.30316	22.59446	24.424906	23.68965	-0.07064679	-0.088781446	-0.11069757	-0.09019528	407.76523	571.631	653.194	1632.5902
06-02-2022 15:56	49.95225	257.5038	262.54657	253.86891	451.0054	447.885	441.6175	22.553093	24.160664	23.743093	-0.07254249	-0.079977356	-0.10969484	-0.08715359	412.00275	503.75757	650.2114	1565.9717
06-02-2022 15:57	49.991837	258.52036	263.49268	254.5195	452.71695	449.13065	443.18915	22.634827	24.400902	23.699532	-0.07193763	-0.08374533	-0.109004654	-0.08911356	414.36133	549.7276	647.5967	1611.6855
06-02-2022 15:58	50.003506	258.57175	263.55106	254.49725	452.73022	449.2199	443.23828	22.6906	24.55394	23.805046	-0.07169743	-0.09055426	-0.10470812	-0.08918208	417.1438	585.82495	628.3994	1631.1261
06-02-2022 15:59	50.023613	258.5864	263.36734	254.24152	452.69116	448.72415	443.0386	22.679396	24.350727	23.859835	-0.0709759	-0.08123118	-0.10409038	-0.08547968	415.7468	510.77466	628.38513	1554.9066
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
06-02-2022 16:00	50.068176	258.53296	263.7311	254.33571	453.0208	448.97958	443.15735	22.752247	25.584791	23.229773	-0.06753578	-0.068049274	-0.1519719	-0.09453763	397.85645	470.59332	886.306	1754.7559
06-02-2022 16:01	50.101383	259.40616	264.65756	255.0189	454.49374	450.61227	444.35358	23.95459	25.557825	23.308064	-0.029710257	-0.066275835	-0.1456442	-0.07909119	167.17078	461.154	852.0193	1480.344
06-02-2022 16:02	50.112724	261.31204	266.3965	256.55862	457.6034	453.45172	447.38544	24.143044	25.852417	23.487709	-0.03036436	-0.07034898	-0.14370991	-0.08013375	188.1549	464.8903	855.0947	1508.1399
06-02-2022 16:03	50.149338	262.03333	267.08942	256.74313	458.90695	453.7646	448.54288	24.192305	25.863842	23.5509	-0.02925141	-0.06920142	-0.14293037	-0.08018922	187.35635	486.82614	850.7575	1524.9401
06-02-2022 16:04	50.172768	262.03906	266.89072	257.4646	458.23083	454.68497	449.201	24.2094	25.700262	24.797422	-0.035231285	-0.060080893	-0.07915282	-0.05799661	221.94821	402.40875	497.26184	1121.6188
06-02-2022 16:05	50.15151	262.02585	266.95142	257.1143	458.54678	454.6386	448.41293	24.231686	25.803385	23.624306	-0.032126017	-0.06479126	-0.11649482	-0.07030038	201.57959	440.47086	695.206	1337.2565
06-02-2022 16:06	50.148674	262.02884	267.0844	257.1889	458.9339	454.1895	448.8427	24.19577	25.732395	23.573744	-0.032793753	-0.06187245	-0.12194759	-0.07109154	205.6698	419.49124	725.82855	1350.9897
06-02-2022 16:07	50.15236	262.53952	267.1622	257.43353	459.54456	454.4834	449.3803	24.237904	25.53199	23.593048	-0.03446452	-0.09994487	-0.11393248	-0.082644805	209.66449	662.9934	692.1633	1564.8212
06-02-2022 16:08	50.101574	261.66245	266.68735	256.92673	458.1084	454.082	447.99698	22.93217	24.825905	23.545092	-0.076481186	-0.07434934	-0.11735021	-0.088847615	445.14194	494.3187	696.6204	1636.0809
06-02-2022 16:09	50.060204	261.17703	266.29538	256.58005	457.0235	453.5399	447.5005	22.95773	24.698578	23.514193	-0.078399174	-0.06931244	-0.11366974	-0.08657271	461.67526	475.57986	691.41815	1628.6732
06-02-2022 16:10	50.025696	260.56592	266.15268	255.88826	456.2828	452.61963	446.66156	22.853825	24.662971	22.270098	-0.07043491	-0.080611415	-0.1962089	-0.112729706	411.00812	513.5442	1096.2125	2020.7648
06-02-2022 16:11	49.969524	259.47293	265.2154	254.90273	454.60474	451.05347	444.68448	22.800537	24.619827	22.239092	-0.07182341	-0.07790071	-0.1856629	-0.10948186	422.71487	506.5855	1031.3265	1960.6268
06-02-2022 16:12	49.968483	259.44373	264.8369	254.91162	454.22723	450.78064	444.64	22.750433	24.457588	22.225063	-0.07178413	-0.07371824	-0.1857364	-0.10722652	415.36526	459.1925	1032.2174	1906.7751
06-02-2022 16:13	49.9288	259.2176	264.8341	254.79582	453.81384	450.73877	444.49658	22.708279	24.387638	22.13655	-0.0718367	-0.07092033	-0.18865699	-0.10767755	413.86	452.8017	1042.177	1908.8389
06-02-2022 16:14	49.963863	259.78116	264.6592	255.51288	454.94092	450.93085	445.09177	22.740902	24.969471	23.127815	-0.076740995	-0.08791712	-0.123307794	-0.09568899	447.41565	572.75806	719.2633	1739.437
06-02-2022 16:15	50.00938	260.3656	265.2549	255.90462	455.7337	451.95935	445.99307	22.86206	25.441048	23.333153	-0.075698115	-0.10844342	-0.11601082	-0.10038982	444.33197	718.8348	679.90955	1843.0762
06-02-2022 16:16	50.03435	260.51343	265.82596	256.23178	456.31015	452.73764	446.45245	22.93092	25.56844	23.430294	-0.07421773	-0.047239944	-0.11530501	-0.07750617	436.90353	317.83054	680.2282	1434.9622
06-02-2022 16:17	50.092922	261.32703	266.69113	256.38773	457.6675	453.28064	447.73462	22.894932	25.741634	23.475819	-0.072595045	-0.050281547	-0.124507226	-0.080943294	429.66537	341.3123	736.06665	1507.0444
06-02-2022 16:18	50.093147	261.45578	266.55893	256.9063	457.76703	453.76834	448.0351	22.984634	25.288643	23.55066	-0.07564035	-0.07133988	-0.11769766	-0.08758005	448.2892	475.5326	699.57666	1623.3984
06-02-2022 16:19	50.096222	261.19113	266.34912	256.87958	457.6573	453.617	447.42868	22.974434	25.245789	23.534975	-0.072870255	-0.06846699	-0.122938246	-0.087352626	437.39926	465.96155	736.1553	1639.516
06-02-2022 16:20	50.08722	261.02646	266.4523	256.4128	457.4477	453.31125	447.03366	22.976389	25.17923	22.341204	-0.06890849	-0.06824711	-0.19702104	-0.10841848	409.42032	452.52545	1107.4507	1969.3964
06-02-2022 16:21	50.06142	260.57114	266.0086	256.1998	456.57864	452.77036	446.5148	22.906754	25.738804	22.220495	-0.07086783	-0.08947603	-0.19515897	-0.115877025	417.52997	601.82635	1089.879	2109.2354
06-02-2022 16:22	50.058216	259.94427	265.9974	256.28967	456.21942	452.58212	446.1139	22.917433	25.54607	22.278719	-0.07182147	-0.08404889	-0.19029388	-0.11280345	422.1352	563.2524	1064.7273	2050.115
06-02-2022 16:23	50.03136	260.54428	266.25162	256.58783	456.8515	453.1596	446.8987	22.874891	24.159435	22.324839	-0.072785795	-0.09669702	-0.19172974	-0.11872239	427.64542	614.9033	1076.6156	2119.1646
06-02-2022 16:24	50.037315	260.53827	265.9074	256.80078	456.6643	453.04745	446.95584	22.89264	24.30706	23.475466	-0.07520864	-0.09593643	-0.119769014	-0.096980155	442.81906	613.0913	708.75916	1764.6694
06-02-2022 16:25	50.02783	260.38312	265.9863	256.6941	456.51706	453.05774	446.77737	22.834013	24.342613	22.777756	-0.06935502	-0.10150984	-0.15543303	-0.1082333	401.82825	644.65186	856.8741	1903.3542
06-02-2022 16:26	50.00744	260.8084	265.8558	257.1585	456.83633	453.5826	447.2423	22.846786	24.262026	24.04303	-0.071983315	-0.094921544	-0.10826777	-0.09199638	419.94867	610.99475	666.7997	1697.743
06-02-2022 16:27	50.000526	261.64508	266.5863	257.87988	458.21738	454.82608	448.58154	22.894215	24.37813	24.091755	-0.07346357	-0.095544495	-0.10703196	-0.09228226	428.73358	626.15247	653.10126	1707.9873
06-02-2022 16:28	49.995525	261.11633	266.20596	257.35394	457.38208	454.05685	447.70187	22.857517	24.522873	24.099998	-0.07126194	-0.103725746	-0.12741508	-0.101204544	415.44116	673.468	775.04456	1863.9537
06-02-2022 16:29	49.964127	260.73248	265.85965	257.0744	456.8666	453.48355	447.0418	22.839409	24.637043	23.95323	-0.072972596	-0.11263407	-0.108917534	-0.09874622	425.7271	826.0344	671.7084	1923.4698
06-02-2022 16:30	49.968094	260.54892	265.60638	256.291	456.24362	452.73468	446.3031	22.731766	24.166452	22.693747	-0.06896103	-0.09714717	-0.18348853	-0.11550084	403.35736	612.29785	1038.2017	2053.857
06-02-2022 16:31	50.03575	260.67154	266.56155	256.6106	457.16718	453.60645	446.93546	22.86995	25.282267	22.897621	-0.06602999	-0.06624037	-0.18052773	-0.10220475	388.1461	440.39304	1041.2517	1869.7908
06-02-2022 16:32	50.02769	260.69644	266.2782	256.49503	457.03455	453.06342	446.96176	22.838554	25.100649	22.892296	-0.06678007	-0.06427307	-0.18098694	-0.10191559	392.36987	425.36096	1042.7341	1860.465
06-02-2022 16:33	50.034416	260.5782	265.86163	257.05365	456.73276	453.50583	446.85394	22.867893	25.174076	24.017508	-0.07171574	-0.08538888	-0.10769849	-0.08835603	416.45636	575.10876	652.63965	1644.2047
06-02-2022 16:34	50.042786	260.61923	265.85138	256.92404	456.83182	453.19806	446.89307	22.852238	25.1741	23.937857	-0.07012791	-0.0857036	-0.11554071	-0.090500616	411.52863	564.8711	693.02026	1669.4199
06-02-2022 16:35	50.04446	260.46964	265.63052	256.79318	456.42786	453.0596	446.56577	22.867926	25.289005	24.043123	-0.07071615	-0.088646404	-0.112498835	-0.09069118	416.4579	587.75665	682.1448	1686.3593
06-02-2022 16:36	50.04168	260.7662	265.97952	257.09555	456.97247	453.41443	447.309	22.880692	25.752949	24.054117	-0.07154577	-0.10760394	-0.10985495	-0.096976295	421.7611	725.655	667.4069	1814.823
06-02-2022 16:37	50.033234	260.93115	265.86078	257.12244	457.0082	453.4813	447.331	22.90448	25.23121	24.671719	-0.07400874	-0.08189438	-0.085111156	-0.080486216	436.0041	543.0196	530.4219	1509.4457
06-02-2022 16:38	49.99595	261.0771	265.84427	257.0657	457.14255	453.366	447.43823	22.853806	24.824615	24.566608	-0.07180647	-0.09326675	-0.09074221	-0.08563798	422.33685	606.7658	563.93176	1593.0344
06-02-2022 16:39	50.00291	260.78494	265.65482	257.06836	456.78772	453.26407	447.06387	22.834812	24.771858	24.649033	-0.07317124	-0.09201284	-0.08413565	-0.083429344	429.39923	598.11914	524.4619	1551.9802
06-02-2022 16:40	49.980774	261.29126	266.21576	257.07632	457.46667	453.71356	447.80176	23.989159	24.688904	23.387823	-0.030343622	-0.09497494	-0.14925659	-0.0907029	187.59795	616.85394	880.4993	1684.9512
06-02-2022 16:41	50.0073	261.24808	266.45624	256.9055	457.51544	453.9089	447.6064	24.020184	24.704132	22.933315	-0.030707188	-0.09718303	-0.1887838	-0.10357013	190.09229	631.66986	1091.252	1913.0139
06-02-2022 16:42	49.989136	260.76367	266.43893	256.7367	456.99463	453.6152	447.26093	23.960426	24.871214	22.7553	-0.030357499	-0.10323159	-0.19197378	-0.10645285	187.23224	674.8367	1100.7886	1962.8575
06-02-2022 16:43	49.991985	261.2589	266.5272	257.28308	457.72513	454.2092	447.89056	24.011543	25.19793	23.950409	-0.036288995	-0.11923673	-0.11512789	-0.09068939	224.26912	791.54443	697.2106	1713.0239
06-02-2022 16:44	49.991844	261.78452	266.96512	257.92804	458.62213	455.10037	448.88672	24.044914	25.174389	24.015087	-0.03555473	-0.110688075	-0.117082424	-0.088069774	220.99077	733.3448	712.4954	1666.831
06-02-2022 16:45	50.01083	262.36432	267.4126	257.62878	459.43454	455.2417	449.19992	24.091164	24.807175	24.10432	-0.033428457	-0.09697806	-0.109450266	-0.080025144	209.15749	616.95074	669.6728	1495.781
06-02-2022 16:46	50.04249	262.08334	267.29672	257.53073	458.9503	455.1308	448.93674	24.086935	24.763586	23.981989	-0.03268675	-0.09758128	-0.11644042	-0.082207195	203.74637	640.4556	706.7095	1550.9114
06-02-2022 16:47	50.058792	261.52917	267.058	257.87085	458.28372	455.49496	448.45004	24.105808	25.753412	24.118996	-0.033782948	-0.06818996	-0.11154107	-0.07082894	217.60161	456.93207	687.21106	1361.7446
06-02-2022 16:48	50.072044	261.12723	266.94077	257.6561	458.2358	454.68323	448.04272	22.997643	25.731928	24.064123	-0.078535825	-0.068645194	-0.11702041	-0.08741833	464.98572	466.6357	712.3764	1643.9978
06-02-2022 16:49	50.061546	260.419	266.4341	256.77426	456.79114	453.80508	446.73553	22.955301	25.645763	23.989668	-0.077704415	-0.067349344	-0.114019856	-0.08571017	458.29495	455.28882	690.08105	1603.6648
06-02-2022 16:50	50.04197	260.7581	266.28763	256.688	457.19907	453.13086	447.18594	22.93188	25.707954	22.775723	-0.07165871	-0.054257087	-0.18161537	-0.09951535	422.69208	367.87115	1042.2977	1832.8611
06-02-2022 16:51	50.026688	260.88232	266.5932	256.5799	457.4367	453.41977	447.2198	22.960089	26.07436	22.69022	-0.07374017	-0.06656285	-0.19034079	-0.10717964	435.78613	455.5971	1088.6205	1980.0037
06-02-2022 16:52	50.054226	261.1964	266.64267	256.63846	457.69183	453.60034	447.5144	22.951548	25.553045	22.882252	-0.07199725	-0.048243694	-0.1883366	-0.09967258	425.7065	325.61884	1084.9283	1836.2537
06-02-2022 16:53	50.040348	260.6796	266.39114	256.9226	457.1168	453.8511	446.9963	22.95354	25.677176	24.026176	-0.075188465	-0.046527456	-0.112954326	-0.077058494	446.01678	310.69394	683.19006	1439.9009
06-02-2022 16:54	50.036552	261.2193	266.40985	257.1948	457.39676	454.1075	447.89413	22.924332	24.635517	23.998596	-0.076488845	-0.07044833	-0.111930594	-0.086978994	451.21112	475.71954	684.7411	1611.6718
06-02-2022 16:55	50.01605	260.85104	266.01962	256.9759	456.87042	453.49564	447.33908	22.87279	24.773003	23.942123	-0.07706758	-0.07376108	-0.111269526	-0.08704796	451.51047	479.241	673.4594	1604.2108
06-02-2022 16:56	50.015663	260.95123	266.26593	257.263	457.2227	453.92722	447.65283	22.898348	24.5846	23.962658	-0.07723459	-0.069582075	-0.11241957	-0.08610872	455.1306	451.12857	681.25793	1587.5171
06-02-2022 16:57	50.024395	261.2729	266.6099	257.43396	457.79877	454.31088	448.14362	22.897957	24.781382	24.047384	-0.07585839	-0.07697396	-0.11459913	-0.08897204	448.17502	502.64035	696.811	1647.6263
06-02-2022 16:58	49.98139	261.63037	266.74652	257.7792	458.30872	454.71692	448.6797	22.951435	25.231918	23.858246	-0.07720978	-0.095701225	-0.119340226	-0.09748607	456.85788	634.213	719.7549	1810.8258
06-02-2022 16:59	50.038776	262.10416	267.7157	257.69412	459.14746	455.61877	449.2973	22.962574	24.85083	21.806229	-0.06954014	-0.08404702	-0.23124927	-0.12425844	407.49728	551.998	1283.9775	2243.4727
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
06-02-2022 17:00	50.062008	265.5752	271.35577	260.75635	465.3052	461.0925	455.29016	23.346054	25.075687	22.016552	-0.0665019	-0.08091181	-0.22332548	-0.11948898	413.3336	546.7876	1259.5366	2219.6577
06-02-2022 17:01	50.13054	269.04782	274.81918	264.3855	471.75217	466.93716	461.29935	23.918722	25.420124	22.189188	-0.06496032	-0.08103289	-0.21766852	-0.116893835	417.9997	546.80493	1239.9802	2204.785
06-02-2022 17:02	50.12627	270.092	276.3469	265.75302	473.81744	469.79276	463.20352	24.22472	26.968842	22.72194	-0.06599335	-0.0642674	-0.21025361	-0.10855562	413.67892	450.5397	1235.0184	2098.8074
06-02-2022 17:03	50.149498	272.76218	278.73575	268.75214	479.05054	473.95016	467.7664	24.488	26.932497	23.452673	-0.065788455	-0.053003144	-0.17066666	-0.09305308	426.31946	398.074	1038.4332	1862.8267
06-02-2022 17:04	50.14646	270.706	276.7557	266.73654	475.29776	470.40662	464.58005	24.219925	26.769451	23.303764	-0.06118126	-0.054105002	-0.1631535	-0.08979003	388.82736	367.8197	981.78125	1738.4283
06-02-2022 17:05	50.182705	259.64835	265.5529	255.43405	455.80112	451.36816	444.98654	23.074236	25.777178	22.67139	-0.05943502	-0.058175977	-0.18904887	-0.09904597	352.10388	394.4542	1074.9722	1821.5303
06-02-2022 17:06	50.160465	256.80676	262.2184	252.91284	450.21503	446.79877	440.06894	22.6381	25.268269	22.399141	-0.06636637	-0.08178733	-0.18707924	-0.10968368	381.06735	533.4054	1040.9803	1955.4531
06-02-2022 17:07	50.153698	257.3547	262.98074	253.56155	451.11026	447.41116	441.95258	22.680424	24.871983	22.44713	-0.06509938	-0.06723311	-0.17793658	-0.10120997	375.86032	436.65216	995.2542	1807.7667
06-02-2022 17:08	50.136032	257.24875	263.24985	253.61497	451.01193	447.9706	441.86758	22.646482	24.826279	22.427898	-0.06576011	-0.067497335	-0.1782672	-0.10166886	378.2644	438.2616	999.05426	1815.5803
06-02-2022 17:09	50.096043	256.94955	263.06003	253.13933	450.9002	447.22516	441.05936	22.541672	23.935131	21.9561	-0.06382538	-0.098698236	-0.22198981	-0.12662168	363.39685	627.80347	1218.874	2210.0742
06-02-2022 17:10	50.075592	257.1528	263.07526	253.11108	451.04813	447.34088	441.12546	22.542803	24.079285	21.798622	-0.06518606	-0.10390076	-0.21607585	-0.1260976	370.93323	647.4301	1178.0985	2196.462
06-02-2022 17:11	50.059166	257.0998	262.5079	252.76164	450.3655	446.7177	440.74786	22.553997	24.004398	21.810665	-0.06535897	-0.10248065	-0.2077095	-0.121565916	372.55048	613.59863	1126.1478	2112.297
06-02-2022 17:12	50.01698	257.24216	262.36703	252.78952	450.61453	446.52585	440.742	22.51617	24.275223	21.811382	-0.065965645	-0.11658889	-0.20710531	-0.1280931	368.82596	714.284	1122.715	2205.825
06-02-2022 17:13	49.995323	254.24779	259.4352	250.5215	445.4834	442.15045	436.05054	22.25236	24.066095	22.654074	-0.07060827	-0.11431845	-0.14268494	-0.10945762	395.055	710.1629	797.6138	1902.8318
06-02-2022 17:14	50.000904	254.33437	259.63498	249.95506	445.6564	441.73703	435.81207	22.323885	23.706331	23.205938	-0.067719616	-0.09469898	-0.12000365	-0.09428688	380.59476	578.4232	684.9982	1644.0161
06-02-2022 17:15	50.03908	252.28778	257.60504	248.26228	442.21603	438.49152	432.50327	22.192593	23.722694	23.143177	-0.070701234	-0.10054045	-0.11611757	-0.09606895	391.81482	609.8399	657.146	1658.8007

06-02-2022 17:16	50.072315	251.38458	256.37195	247.67941	440.38757	437.1863	430.921	22.13615	23.627432	23.101604	-0.07055038	-0.11641787	-0.11482511	-0.10115874	388.90576	699.73987	647.0454	1735.691
06-02-2022 17:17	50.081	250.44318	255.42725	246.78862	438.85995	435.23306	429.59286	22.132387	24.258102	23.023369	-0.07174221	-0.08288168	-0.11496906	-0.08975151	393.60196	510.06775	643.21106	1546.8809
06-02-2022 17:18	50.09017	251.32393	256.2951	247.3055	440.39716	436.26318	430.95227	22.159693	24.259703	23.024244	-0.07336579	-0.08481759	-0.12153112	-0.09307524	404.659	524.73193	682.4704	1611.8613
06-02-2022 17:19	50.087593	251.77103	256.58652	247.12785	440.6882	436.84988	431.0476	23.241346	24.386616	22.065636	-0.028903509	-0.09502582	-0.19328755	-0.10360191	172.0675	589.65375	1038.4335	1800.1548
06-02-2022 17:20	50.088516	251.95155	256.66382	247.54994	441.2886	436.8963	431.57803	23.252714	24.785166	22.748587	-0.033062246	-0.10611982	-0.1501206	-0.0958878	189.71269	669.0299	833.95074	1692.6934
06-02-2022 17:21	50.08509	252.11423	257.1359	247.88995	441.4202	438.04047	431.98886	23.239271	24.403933	22.824495	-0.032112956	-0.09215849	-0.15590563	-0.09256351	186.41626	574.85913	869.9381	1631.2135
06-02-2022 17:22	50.077003	252.18588	257.40088	247.94432	441.85104	437.93777	432.34113	23.287876	24.455889	22.762638	-0.032568585	-0.09048646	-0.16097303	-0.093641415	189.35074	564.6931	895.959	1650.0029
06-02-2022 17:23	50.041904	251.95908	256.9244	248.03516	441.43774	437.71143	431.91626	23.277977	24.551361	23.918106	-0.03538489	-0.09285687	-0.088772625	-0.0728959	205.59528	581.3434	519.88666	1306.8252
06-02-2022 17:24	50.031437	251.81725	256.35736	247.86555	440.9519	437.1167	431.47168	23.167862	23.640385	23.873327	-0.039381165	-0.1200365	-0.08498558	-0.08199345	227.67746	722.1754	496.47092	1446.3239
06-02-2022 17:25	50.032566	251.85234	256.38425	247.95999	441.00284	437.1971	431.61075	23.178856	23.65392	23.874924	-0.03943808	-0.1199641	-0.084487356	-0.08128632	220.77545	719.4166	494.80927	1435.0013
06-02-2022 17:26	50.02527	251.63118	256.5067	248.11086	440.9162	437.41068	431.5744	22.11121	24.09545	23.78402	-0.076732896	-0.09917857	-0.097996615	-0.09170491	422.7545	608.6065	570.45825	1601.8193
06-02-2022 17:27	49.972046	251.67535	256.59122	248.28922	441.1658	437.50482	431.76212	22.195084	24.637012	23.787186	-0.0865568	-0.12318392	-0.08789583	-0.09996913	478.50732	766.43744	511.74924	1756.6941
06-02-2022 17:28	49.984123	251.69957	256.76913	247.796	441.2183	437.25858	431.45752	22.185715	24.465239	23.799494	-0.08206099	-0.10969953	-0.08854795	-0.09396316	453.40082	677.9031	514.81055	1646.1145
06-02-2022 17:29	49.97165	250.99388	256.62875	247.4569	440.34857	436.77402	430.7607	22.103954	23.842554	23.799517	-0.07868388	-0.0930388	-0.094134055	-0.0890438	432.41766	567.69977	546.9252	1547.0427
06-02-2022 17:30	50.04649	250.82002	256.6544	247.47525	440.02362	436.92148	430.71246	22.120224	23.765514	22.628267	-0.07579468	-0.09195813	-0.16066816	-0.10896433	410.02194	581.34784	896.34735	1887.7172
06-02-2022 17:31	50.08665	251.17899	256.5526	247.54674	440.2769	437.25403	430.6939	22.124763	23.874083	22.734049	-0.077081546	-0.095088534	-0.15097995	-0.10740091	418.30704	583.2397	843.96387	1845.5105
06-02-2022 17:32	50.122353	251.05235	256.4904	247.36119	440.342	436.67816	430.55887	22.164265	23.854301	22.789213	-0.075266354	-0.09547251	-0.15719557	-0.10897062	414.92224	581.1573	873.4753	1869.5547
06-02-2022 17:33	50.1326	250.75812	256.45486	247.5597	440.09647	437.0682	430.18555	22.253136	24.8073	23.91609	-0.07733113	-0.048187222	-0.090110935	-0.07112303	426.6671	304.984	526.3526	1258.0037
06-02-2022 17:34	50.119835	250.77339	256.35547	247.97777	440.0373	436.9907	430.8961	22.284796	25.28445	23.786282	-0.07876817	-0.064361274	-0.08949995	-0.07934633	444.7383	445.0559	520.6082	1410.4026
06-02-2022 17:35	50.12612	250.96309	256.28546	247.95898	440.07327	436.88397	431.14038	22.27766	25.40078	23.862574	-0.08129151	-0.06833274	-0.08634215	-0.07826327	436.94415	388.20135	488.11078	1313.2563
06-02-2022 17:36	50.104164	251.37784	256.76346	248.28664	440.93832	437.89758	431.3772	22.273586	24.936354	23.87893	-0.07761938	-0.0426161	-0.0865731	-0.06804662	426.65775	284.66437	506.1192	1217.3633
06-02-2022 17:37	50.075737	251.96306	256.94745	248.43355	441.7862	437.80682	432.20697	22.242443	25.145872	23.876335	-0.07785152	-0.052336466	-0.08528524	-0.07113936	433.22235	335.86896	499.33273	1268.4241
06-02-2022 17:38	50.044346	251.79051	256.94696	248.13606	441.3949	437.7353	431.85712	22.218513	24.803097	23.753042	-0.07645629	-0.042674277	-0.09112384	-0.069192514	426.1041	260.3019	518.03394	1204.44
06-02-2022 17:39	50.03892	251.63339	256.77347	247.9569	440.88666	437.5439	431.6726	22.187893	24.885647	23.810274	-0.0771229	-0.045883607	-0.08512781	-0.06856398	426.92776	291.29807	496.51514	1214.741
06-02-2022 17:40	50.02897	252.41231	257.59982	248.07278	442.15244	438.3282	432.6087	22.144882	24.03717	22.176054	-0.074694425	-0.07823521	-0.17719688	-0.108473346	413.5457	480.59467	961.14636	1855.2867
06-02-2022 17:41	50.020863	252.25298	257.41885	248.02873	441.7818	438.1137	432.52612	22.170414	23.988949	22.142754	-0.07163951	-0.072169155	-0.17787723	-0.105531774	400.33582	459.21356	956.6439	1816.1932
06-02-2022 17:42	49.98591	250.96024	255.97531	246.92816	439.57227	436.0072	430.19513	22.088987	24.237967	22.041714	-0.0681263	-0.08439673	-0.18781172	-0.111815244	373.45203	516.4291	1006.4899	1896.3711
06-02-2022 17:43	49.964577	250.83904	255.97012	246.5766	439.50854	435.6189	429.82294	22.056551	23.799107	23.157846	-0.07005554	-0.06777614	-0.11050752	-0.08198691	375.89877	408.8989	621.7988	1406.5966
06-02-2022 17:44	49.99055	251.1014	256.4157	246.97752	439.9058	436.32242	430.6412	22.11673	23.97284	23.176052	-0.068664625	-0.072105736	-0.107653625	-0.082660705	376.98093	438.67645	607.5766	1423.2339
06-02-2022 17:45	50.01089	251.11172	256.35883	247.47157	439.98825	436.73447	430.91827	22.117273	23.883543	23.17168	-0.06957803	-0.07037147	-0.113834634	-0.0843835	382.5354	427.8293	643.8922	1454.2568
06-02-2022 17:46	50.04395	251.493	256.65118	247.84749	440.6791	437.28696	431.4927	22.197273	23.959578	23.292677	-0.068774976	-0.066686906	-0.11272062	-0.0828428	384.9095	405.96982	643.67737	1434.5566
06-02-2022 17:47	50.05804	251.54189	256.7789	247.86511	440.78735	437.2787	431.72952	22.229603	24.011436	23.302479	-0.06836862	-0.07029725	-0.11129366	-0.08314788	378.69186	430.46695	633.3289	1442.4877
06-02-2022 17:48	50.069016	251.6099	257.11884	248.06532	441.02048	437.73196	432.09677	22.251316	24.83245	23.36377	-0.06838338	-0.04313531	-0.11203173	-0.07347403	380.61816	261.99573	638.89624	1281.5101
06-02-2022 17:49	50.056553	251.40268	256.84824	248.09952	440.83362	437.6662	431.58072	22.229626	25.324802	23.255783	-0.0699838	-0.06388024	-0.119458884	-0.08371169	389.22867	422.81528	678.90356	1490.9475
06-02-2022 17:50	50.04937	251.51906	256.7663	247.63988	440.78464	436.9322	431.62878	22.21939	25.326605	22.152674	-0.06701771	-0.070544906	-0.17944372	-0.103315845	367.7252	388.13757	958.4018	1714.2645
06-02-2022 17:51	50.04755	251.08752	256.5382	247.64961	440.0423	437.03613	431.13937	22.20112	24.85619	22.68631	-0.06624406	-0.046320148	-0.14950915	-0.0855294	372.9239	280.87943	830.64233	1484.4457
06-02-2022 17:52	50.065506	251.87927	256.9713	248.11668	441.12186	437.54398	432.48074	22.231352	24.83583	22.75882	-0.067532815	-0.044249266	-0.14824054	-0.08493909	376.03043	280.1274	825.3183	1481.4761
06-02-2022 17:53	50.041946	251.60413	257.12283	248.20413	441.0052	437.88916	432.1911	22.195984	24.800423	23.080967	-0.06792716	-0.04254445	-0.12347237	-0.07577342	376.38348	254.74277	695.1273	1326.2537
06-02-2022 17:54	50.046883	251.89082	256.9929	248.25616	440.90683	437.85965	432.67612	22.197285	24.499172	23.126842	-0.06950664	-0.07275172	-0.1186451	-0.0866509	384.716	455.3497	672.36456	1512.4303
06-02-2022 17:55	50.035892	251.80212	256.8385	248.2138	440.67825	437.93808	432.3315	22.13255	23.65074	23.07521	-0.07024445	-0.09921383	-0.11642775	-0.095586315	387.5218	598.023	658.8533	1644.3982
06-02-2022 17:56	50.055237	251.94603	257.0673	246.3577	440.12784	436.8928	431.35925	22.99015	23.650818	22.402315	-0.016909346	-0.115029365	-0.44183877	-0.18553476	97.14354	692.82214	2400.9653	3190.9312
06-02-2022 17:57	50.041065	251.83537	256.3559	247.63458	440.1797	437.0812	431.90414	23.16626	24.021164	22.979536	-0.028887575	-0.117315315	-0.12169837	-0.0883785	170.80186	689.4642	683.0724	1543.3384
06-02-2022 17:58	50.051506	251.888	256.79517	247.14462	440.49112	437.128	431.5556	23.193161	23.506296	22.603619	-0.027797867	-0.09638088	-0.14996226	-0.090791956	160.06697	585.8839	823.9434	1569.8943
06-02-2022 17:59	50.076237	251.92442	256.462	247.71126	440.7364	437.025	431.8787	23.205524	23.523674	22.582428	-0.030502468	-0.1128193	-0.14774534	-0.09637317	176.82022	675.2932	815.07153	1667.185
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
06-02-2022 18:00	50.123753	252.40837	257.2678	247.58652	441.57974	437.57022	432.5128	23.219812	23.74622	21.598585	-0.028758837	-0.12119019	-0.22069442	-0.120421216	167.40494	731.45013	1164.127	2062.982
06-02-2022 18:01	50.201283	254.61093	259.3234	249.73833	444.94257	441.8911	435.92554	23.448654	23.883991	21.708899	-0.028447157	-0.126566	-0.22259215	-0.12286611	174.3251	775.48206	1189.8718	2139.679
06-02-2022 18:02	50.215603	255.56833	260.38324	250.63977	446.82825	442.86942	438.11966	23.521196	23.828592	21.829914	-0.029576892	-0.12313545	-0.21589494	-0.11890136	172.91632	744.87036	1168.962	2086.7485
06-02-2022 18:03	50.243862	256.17017	261.26627	251.45992	447.8323	445.0543	438.9204	23.662094	24.761456	21.927683	-0.027561642	-0.09318171	-0.21855457	-0.109276436	171.70876	610.12	1192.0094	1973.8381
06-02-2022 18:04	50.24419	255.91464	260.881	251.88304	447.4549	444.82642	439.14542	22.582447	25.114119	22.893122	-0.079443835	-0.107254095	-0.14795543	-0.11129118	457.44727	760.62445	838.8285	2056.9004
06-02-2022 18:05	50.217236	255.74821	260.776	251.58556	447.30096	444.05743	439.0844	22.594856	24.682861	22.847904	-0.07665712	-0.09088314	-0.15091205	-0.10543545	439.1617	568.3361	867.59827	1875.0962
06-02-2022 18:06	50.219193	255.60947	260.86667	251.77702	447.9168	444.59213	438.1892	22.536362	24.654322	22.974731	-0.07590929	-0.08837139	-0.14981467	-0.10406249	433.41812	565.4455	855.11664	1853.9802
06-02-2022 18:07	50.163334	255.55832	260.75848	251.70651	447.60477	443.77887	438.9128	22.537935	24.629948	22.874298	-0.07491082	-0.09031991	-0.148302	-0.103907414	427.24078	576.562	842.19635	1845.9991
06-02-2022 18:08	50.124786	255.5446	260.5899	251.42079	447.6812	443.4969	438.31165	22.491713	24.662193	22.798363	-0.07569398	-0.09494788	-0.14721622	-0.105449826	430.64032	607.01733	833.35254	1871.0101
06-02-2022 18:09	50.0955	255.29358	260.1432	251.1991	446.6408	442.9944	438.25583	22.434296	24.632074	22.696606	-0.07538183	-0.09239164	-0.15711553	-0.107351616	425.16025	586.76166	885.1914	1897.1133
06-02-2022 18:10	50.056835	255.07298	259.72305	250.7012	446.05075	442.4772	437.3921	22.294428	23.625345	21.652662	-0.07320984	-0.12448193	-0.22438307	-0.13888732	412.98822	761.3346	1202.2081	2375.6248
06-02-2022 18:11	50.042065	254.7523	259.39163	250.32373	445.61444	441.673	436.85074	22.289288	23.780151	21.554104	-0.07341355	-0.12814626	-0.21875158	-0.13837214	408.87665	791.2228	1168.9572	2369.0566
06-02-2022 18:12	50.03169	254.62962	259.16455	249.9904	445.25464	441.22888	436.4719	22.299404	24.052841	21.537827	-0.072594926	-0.13767684	-0.21867797	-0.14146248	415.33557	851.3252	1159.1611	2425.8218
06-02-2022 18:13	50.00044	254.14815	259.2904	249.85658	445.06506	441.0267	436.01898	22.279474	24.159	22.229694	-0.07247087	-0.10360567	-0.19645424	-0.12291094	406.83582	644.55145	1077.2218	2128.609
06-02-2022 18:14	49.99477	254.20102	258.61	250.58975	444.75018	441.1244	436.40945	22.307398	24.331097	23.375267	-0.078157276	-0.10278148	-0.118011035	-0.099928886	439.38385	639.93445	682.8854	1762.2036
06-02-2022 18:15	50.027153	254.03346	258.97647	250.57822	444.69498	441.35248	436.5622	22.321379	24.181034	23.402798	-0.07760651	-0.07654719	-0.118667886	-0.090737075	436.292	475.2162	687.90137	1599.4094
06-02-2022 18:16	50.075115	253.96504	259.20105	250.50793	444.58994	441.51797	436.65005	22.320335	24.094122	22.902624	-0.073487945	-0.077088915	-0.14842606	-0.099115565	414.9428	478.6408	841.9048	1735.4884
06-02-2022 18:17	50.078686	253.67897	259.1713	250.1786	444.2208	441.2037	436.21704	22.28652	24.046047	22.827778	-0.07460561	-0.0788586	-0.1516143	-0.10199707	411.4635	501.63678	863.4104	1776.5106
06-02-2022 18:18	50.093876	253.74382	259.31396	250.33498	444.64474	441.19296	436.4351	22.335274	24.130981	22.899477	-0.07334641	-0.079395704	-0.14300168	-0.098144226	414.6869	491.3228	810.73737	1716.7471
06-02-2022 18:19	50.06792	253.4587	259.00687	249.99582	444.05127	440.77206	435.83685	22.337187	25.330421	22.853796	-0.0723251	-0.06935218	-0.14768733	-0.09470003	410.47156	444.08075	823.26056	1677.8127
06-02-2022 18:20	50.058014	253.39803	259.022	249.80443	443.9841	440.81125	435.45737	22.29148	24.85586	22.851257	-0.072329424	-0.047402292	-0.14947665	-0.08794627	404.04138	315.22885	853.2291	1572.4994
06-02-2022 18:21	50.042553	252.80884	258.8157	249.18091	443.28082	439.9567	434.55978	22.21383	24.740007	21.69842	-0.07050079	-0.049483288	-0.22434987	-0.11033089	386.1059	311.48917	1207.2258	1904.8208
06-02-2022 18:22	50.026283	252.41444	258.36237	248.8921	442.44113	439.31223	434.07233	22.162766	24.794676	21.707523	-0.06456373	-0.048710946	-0.2183571	-0.10595491	351.77197	309.95633	1165.83	1827.5583
06-02-2022 18:23	50.030766	251.64699	258.67227	249.01057	442.1424	439.2765	433.81827	22.1615	24.73616	21.699257	-0.061281793	-0.04778357	-0.2188063	-0.10513364	339.22043	304.11002	1169.8127	1813.1432
06-02-2022 18:24	50.025314	252.03812	257.9987	248.87721	442.17593	439.0609	433.28473	22.197638	24.84739	22.661613	-0.06610274	-0.05030691	-0.15085675	-0.08728587	366.2484	320.66208	840.81964	1527.7301
06-02-2022 18:25	49.994755	250.97997	257.82086	248.84787	441.11182	438.38342	432.82944	22.15933	24.744864	23.299892	-0.06697082	-0.04342574	-0.11216361	-0.073464215	374.02133	275.304	642.937	1292.2622
06-02-2022 18:26	49.986336	251.466	256.8657	248.4339	440.77438	437.55814	432.46164	22.069763	24.375048	23.197386	-0.07173857	-0.10188552	-0.10868631	-0.09457379	393.15717	584.547	620.5868	1598.291
06-02-2022 18:27	49.98201	251.23468	256.71063	248.31815	440.33472	437.28687	432.30127	22.071905	24.20961	23.183117	-0.07066364	-0.09180522	-0.107922815	-0.09037417	387.84827	567.9499	614.1819	1569.98
06-02-2022 18:28	49.993107	251.19682	257.0536	248.08652	440.48352	437.4942	432.07678	22.041101	23.810524	23.731037	-0.070449635	-0.074611	-0.09221429	-0.07918498	381.9719	466.12155	542.0884	1390.1819
06-02-2022 18:29	50.042423	251.63158	257.00552	248.72737	440.9338	438.04956	432.84668	22.092907	23.961536	23.886442	-0.0711338	-0.07615644	-0.08976785	-0.07914005	392.9065	466.26254	523.10297	1382.272
06-02-2022 18:30	50.050316	250.88756	257.339	248.77014	440.43427	438.16708	432.5918	22.067734	23.90848	23.902702	-0.07021534	-0.07653992	-0.089939095	-0.07905719	385.88873	462.44006	528.1614	1376.4902
06-02-2022 18:31	50.049774	251.58302	257.09314	248.06021	440.83325	437.54822	432.36493	22.030085	23.755634	22.706314	-0.06549157	-0.075424746	-0.15802608	-0.099169806	361.4822	460.11847	881.17426	1702.7749
06-02-2022 18:32	50.039726	250.7888	257.25436	248.31104	440.24405	437.42783	432.40668	22.0159	23.992134	22.61486	-0.06736783	-0.08339577	-0.15749092	-0.10222392	364.56403	509.6364	874.3474	1748.5479
06-02-2022 18:33	50.0206	249.71454	257.1657	248.45782	439.4758	437.00943	431.82794	22.036415	24.239923	22.599754	-0.066482335	-0.092450805	-0.15441646	-0.10421035	365.28958	625.4167	856.7599	1847.4661
06-02-2022 18:34	50.021446	250.27835	256.68207	248.43217	439.5779	437.03268	431.80148	23.156025	25.118639	23.784006	-0.0342444	-0.06308368	-0.08738744	-0.061763145	197.09296	403.121	511.36285	1111.5768
06-02-2022 18:35	50.00118	248.32054	257.2065	248.12108	437.99048	436.4539	430.93256	23.242199	24.66066	23.496735	-0.19699758	-0.050710972	-0.11123958	-0.11757064	1127.0848	319.9222	642.06165	2089.0688
06-02-2022 18:36	49.97156	248.08917	257.14856	247.7919	437.63724	435.9464	430.7156	24.43719	24.414434	23.465359	-0.1819723	-0.04941391	-0.11561226	-0.114743836	1087.8357	303.09543	663.4303	2054.3613
06-02-2022 18:37	49.99037	247.9089	257.22342	247.8095	437.3871	436.22583	430.53784	24.601421	24.56774	23.512028	-0.17824192	-0.055928987	-0.110968865	-0.115140796	1081.57	360.4678	641.73914	2083.7769
06-02-2022 18:38	49.991486	247.79854	257.20834	247.78258	437.12128	436.29755	430.4677	24.624802	24.467926	23.581915	-0.17852901	-0.053566284	-0.113727316	-0.11454667	1077.8389	300.3845	664.31616	2042.5393
06-02-2022 18:39	49.99455	247.82896	257.12427	247.76228	437.2779	436.2315	430.25473	24.677221	24.476385	23.518864	-0.17908691	-0.051929686	-0.10977251	-0.11296123	1091.0886	334.2365	626.45197	2051.777
06-02-2022 18:40	49.986183	246.18605	256.8385	247.59319	435.8488	435.25525	429.0157	24.642038	24.305828	23.43185	-0.17778993	-0.045030825	-0.11896179	-0.11307464	1071.9275	290.4638	686.7284	2049.1196
06-02-2022 18:41	50.024185	246.59238	256.03342	246.78432	435.3121	434.31287	428.4111	24.642439	23.430798	22.373482	-0.17830846	-0.14115787	-0.18014164	-0.16618991	1070.2828	848.4112	975.54254	2894.2363

06-02-2022 18:42	50.028366	246.43893	256.06287	246.98506	435.30637	434.42773	428.4342	23.84285	23.063993	22.297703	-0.22515923	-0.11553185	-0.17693815	-0.17225201	1312.84	683.95276	964.26385	2961.0566
06-02-2022 18:43	50.038223	246.16382	255.97339	246.44507	435.05325	433.72473	427.82242	23.851185	23.221825	22.36422	-0.22324999	-0.121294975	-0.18277611	-0.17592447	1303.6005	714.912	1001.43384	3019.9463
06-02-2022 18:44	50.055035	246.198	255.97293	246.30698	435.08432	433.4901	427.8417	23.85165	23.13215	22.346527	-0.22024123	-0.12253995	-0.1917835	-0.17767176	1282.2493	721.82074	1045.2772	3049.3472
06-02-2022 18:45	50.055317	245.68805	255.85368	247.19371	434.53757	434.198	428.12442	23.906563	23.014662	23.483994	-0.22002433	-0.11512499	-0.11401372	-0.1497753	1274.8761	678.05554	660.9567	2613.8887
06-02-2022 18:46	50.040943	245.22018	255.65793	246.57414	433.63345	433.56732	427.43347	23.894651	22.893627	22.686262	-0.2170289	-0.11450544	-0.15001236	-0.1606129	1251.0872	668.15283	829.06665	2748.3066
06-02-2022 18:47	50.0374	245.65067	255.2291	246.41692	433.89285	433.30338	427.18002	23.868582	22.90555	22.64036	-0.21878164	-0.11386606	-0.14611909	-0.15977773	1271.5566	661.42004	800.4668	2727.3809
06-02-2022 18:48	50.02252	245.52945	255.12776	246.13733	433.65533	433.02377	426.82907	24.476131	23.552605	22.55452	-0.17754252	-0.14603831	-0.14969881	-0.15820785	1064.0094	871.7789	822.96875	2758.757
06-02-2022 18:49	49.99884	245.81839	254.57803	245.84212	433.72183	432.33368	426.49335	24.503838	23.97676	22.659916	-0.17882971	-0.09503387	-0.14677656	-0.14031354	1063.9364	589.68896	812.0288	2465.654
06-02-2022 18:50	50.03108	245.48157	254.43913	246.06609	433.69156	432.13416	426.28415	22.64862	23.955212	22.587643	-0.25443313	-0.08845961	-0.14610296	-0.16064268	1401.3816	535.1429	803.92505	2740.4492
06-02-2022 18:51	49.99589	245.45328	254.6023	245.31134	433.09183	431.99106	425.956	23.670086	23.82159	21.563242	-0.22232945	-0.0972947	-0.22135048	-0.1775454	1279.7373	583.7157	1160.7263	3024.1794
06-02-2022 18:52	50.011684	245.52171	254.76627	245.1909	433.2717	432.04474	425.91812	23.696777	23.762648	21.484589	-0.22207348	-0.09599656	-0.2228897	-0.17860381	1275.9714	589.7484	1163.0098	3028.7295
06-02-2022 18:53	50.01997	245.56421	254.92355	245.24747	433.39624	432.2523	426.03046	23.725441	23.776527	21.065857	-0.2182613	-0.09624324	-0.24715072	-0.18348381	1259.5348	586.65	1259.2959	3105.481
06-02-2022 18:54	50.021114	246.02924	255.44731	245.66283	434.1633	433.08517	426.86154	23.751266	23.779297	21.150536	-0.21734528	-0.09509583	-0.24949916	-0.18356185	1258.7954	572.8735	1293.7208	3125.3896
06-02-2022 18:55	50.036327	246.04008	255.25151	246.03236	434.29047	433.1742	426.96655	23.816345	24.368149	22.077768	-0.22219564	-0.11659982	-0.17214103	-0.16914025	1297.8492	715.8347	928.12006	2941.8042
06-02-2022 18:56	50.035885	246.18532	255.12294	245.90067	434.51126	432.81778	426.90265	23.828623	24.258205	22.006979	-0.22209428	-0.11217094	-0.17802076	-0.16943236	1303.7178	748.9385	964.1725	3016.8286
06-02-2022 18:57	50.038803	246.21106	254.84326	245.82219	434.0241	432.65967	426.9689	23.82309	23.173134	22.08292	-0.22071037	-0.102662645	-0.1703027	-0.16417852	1286.6259	606.7101	914.7218	2808.0579
06-02-2022 18:58	50.04145	246.05704	254.9383	245.40396	433.83716	432.43124	426.55945	23.784672	23.109299	22.110332	-0.22057748	-0.100018054	-0.17018758	-0.16319683	1273.4548	594.4526	905.96155	2773.8691
06-02-2022 18:59	50.040173	246.26376	255.00723	245.90102	434.1334	433.03876	426.99606	23.797342	23.070147	22.06793	-0.22035584	-0.10323571	-0.16967277	-0.1640932	1281.3258	583.6527	909.92334	2774.9019
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
06-02-2022 19:00	50.060856	246.60814	255.16873	246.09532	434.5323	433.31073	427.53528	23.789139	23.150906	22.050894	-0.21598285	-0.10348369	-0.17375043	-0.16390774	1263.3005	619.81433	935.4864	2814.4763
06-02-2022 19:01	50.073437	246.76823	255.34901	246.26114	434.85464	433.52863	427.8702	23.836744	23.538048	22.199291	-0.21533692	-0.08271847	-0.1737981	-0.15619086	1254.9167	495.33173	940.4882	2690.7368
06-02-2022 19:02	50.071453	247.94138	253.7811	246.53154	435.08554	432.68356	428.26913	23.82526	23.8258	21.209244	-0.21299298	-0.09780248	-0.2444492	-0.18170424	1249.2014	609.5578	1266.975	3125.7344
06-02-2022 19:03	50.05944	247.52031	255.22816	246.01727	435.54684	433.2751	428.10623	23.827162	23.89042	21.134571	-0.21333595	-0.10202684	-0.23824726	-0.18134624	1254.9066	623.617	1233.2329	3111.7566
06-02-2022 19:04	50.054394	247.49382	255.44913	246.23468	435.74548	433.7042	428.19434	23.806923	23.538324	21.122005	-0.21275479	-0.08145224	-0.25058362	-0.17794745	1246.1102	478.3966	1284.4789	3008.9856
06-02-2022 19:05	50.045746	247.63724	255.22182	246.5594	435.9501	433.92938	428.18555	23.90535	24.517614	22.690472	-0.21669196	-0.056311734	-0.14119557	-0.13631414	1272.1292	340.64206	783.3517	2396.1228
06-02-2022 19:06	50.047436	247.72809	255.22534	246.60764	435.98422	433.80518	428.51767	23.893894	24.433	23.502474	-0.21892123	-0.051707037	-0.11139232	-0.12596005	1280.887	302.9076	644.16376	2227.9585
06-02-2022 19:07	50.046684	247.15909	255.7678	246.98766	435.68594	434.54028	428.68988	23.897438	24.40524	23.510914	-0.21618634	-0.049277175	-0.11471926	-0.12518613	1261.2161	311.1411	654.9446	2227.3018
06-02-2022 19:08	50.043262	248.01494	255.54698	246.96913	436.30472	434.6779	429.0069	23.931768	24.393293	23.454542	-0.21793556	-0.04847578	-0.11748953	-0.12654833	1288.5217	289.49124	683.68414	2263.916
06-02-2022 19:09	50.027588	248.03339	255.63936	246.67738	436.43524	434.49118	428.75256	23.865387	24.394762	23.44479	-0.21808468	-0.051973812	-0.109531365	-0.12517785	1272.5161	325.44644	672.51556	2270.4783
06-02-2022 19:10	50.027966	247.62003	255.38069	246.71242	435.9187	434.27426	428.38196	23.889502	24.680172	23.436335	-0.21943694	-0.064086415	-0.11188818	-0.13038303	1285.7793	428.47012	645.7997	2360.049
06-02-2022 19:11	50.032658	247.9262	255.63115	246.72926	436.35565	434.55533	428.65878	23.891472	24.31362	23.443596	-0.21864787	-0.047642376	-0.10875344	-0.12371419	1276.5636	296.10867	619.7488	2192.4211
06-02-2022 19:12	50.03004	248.32462	255.81711	246.39793	436.5655	434.38577	429.05258	24.70668	24.229849	22.364616	-0.17234789	-0.04901707	-0.17585483	-0.13038713	1047.8723	303.0503	959.00635	2309.929
06-02-2022 19:13	50.03544	248.33179	255.93756	246.09271	436.49622	434.33347	428.86758	24.70556	23.474583	22.363369	-0.17302807	-0.0798599	-0.17761117	-0.14260079	1047.1222	472.5124	965.66736	2485.3018
06-02-2022 19:14	50.022816	248.22229	255.66553	246.44096	436.33826	434.39297	428.9081	24.699413	23.562191	21.966944	-0.17222051	-0.082144395	-0.21369684	-0.15398791	1054.2772	490.55722	1139.4893	2684.3237
06-02-2022 19:15	49.989	248.38823	255.45177	246.72334	436.5149	434.41534	429.11508	24.679905	23.558977	22.916817	-0.17694433	-0.077935085	-0.13881138	-0.13127583	1076.1279	468.30823	779.5619	2323.998
06-02-2022 19:16	49.96282	248.48213	255.6374	246.8784	436.832	434.50812	429.4556	24.718153	23.569815	22.814297	-0.17942773	-0.07884695	-0.14368577	-0.13300727	1091.1106	473.17047	796.44885	2360.7297
06-02-2022 19:17	49.93922	248.08263	255.3694	246.67381	436.03125	434.29483	428.95883	24.703407	24.089363	22.904621	-0.18043374	-0.10094003	-0.14249957	-0.1411872	1093.7693	613.91394	796.1573	2503.8403
06-02-2022 19:18	49.96885	248.49768	255.78337	247.00508	436.77438	434.8702	429.64948	24.745598	24.112637	22.892494	-0.18134028	-0.092342965	-0.14312139	-0.13886634	1104.2372	561.4182	801.8063	2467.4614
06-02-2022 19:19	49.92902	248.37762	255.65108	247.03871	436.97888	434.40292	429.53162	23.862822	23.607498	22.841814	-0.22824745	-0.0751472	-0.14264345	-0.14821802	1336.4427	449.8849	796.7398	2583.0674
06-02-2022 19:20	49.98076	248.57774	256.3482	247.30379	437.34866	435.5899	429.99222	23.9301	23.57895	22.925081	-0.2275406	-0.07829622	-0.14004909	-0.14825492	1339.6555	474.4736	787.1931	2601.322
06-02-2022 19:21	50.024773	248.81076	257.0169	247.84494	438.37646	436.5192	430.53812	24.010391	24.509848	22.925093	-0.22705512	-0.05337132	-0.14767408	-0.14083682	1336.826	328.96295	834.6448	2500.4336
06-02-2022 19:22	50.03784	248.69943	257.0771	247.6656	438.13336	436.45865	430.4416	23.969545	24.512585	21.937263	-0.22298302	-0.056695566	-0.21372679	-0.16075693	1311.1318	354.82086	1149.8817	2815.8345
06-02-2022 19:23	50.041096	248.67085	256.8692	247.57082	438.11127	436.07767	430.2706	24.002193	24.400595	21.882015	-0.22118592	-0.073609	-0.21028994	-0.16527884	1318.6321	455.15277	1136.2273	2910.0122
06-02-2022 19:24	50.050007	248.91867	257.07663	247.9281	438.60458	436.53146	430.7307	24.029736	24.974821	21.917469	-0.22482988	-0.09585325	-0.21071556	-0.17191944	1324.2589	583.07874	1128.176	3035.5137
06-02-2022 19:25	50.065075	248.90306	257.18677	248.01704	438.38345	436.95108	430.85052	24.036482	24.837715	21.907179	-0.22174014	-0.087388635	-0.21740377	-0.17215899	1319.3243	548.42975	1172.47	3040.224
06-02-2022 19:26	50.06128	249.11597	257.15463	248.31438	438.73444	436.96893	431.30597	24.026653	24.449644	23.063852	-0.22610836	-0.06837607	-0.14044441	-0.14262936	1331.8151	426.62915	794.235	2552.6792
06-02-2022 19:27	50.070988	249.29324	257.5483	247.9524	439.10413	436.95535	431.31335	24.055336	24.43351	23.018742	-0.22421077	-0.06704683	-0.14151728	-0.14317417	1331.5212	426.22253	800.194	2557.9377
06-02-2022 19:28	50.04912	249.60674	256.94482	248.23792	439.15634	436.59283	431.6122	23.99633	23.495073	22.966394	-0.2271669	-0.12896763	-0.13567439	-0.16418223	1340.7451	779.9857	766.7108	2887.4417
06-02-2022 19:29	50.017414	249.27759	256.89786	248.68355	439.04	436.9327	431.5095	24.00763	23.327324	22.928799	-0.22766137	-0.11843699	-0.14599663	-0.16333301	1345.8066	690.5219	823.14215	2859.4705
06-02-2022 19:30	49.996	249.11047	256.7895	248.59085	438.66846	436.8561	431.3204	23.9797	23.256996	22.943623	-0.22803985	-0.114112176	-0.13704507	-0.16001499	1346.2573	674.5678	775.3918	2796.217
06-02-2022 19:31	49.968155	248.10274	257.0412	248.37167	437.92123	436.3739	430.85095	23.892628	23.340233	22.370518	-0.22479868	-0.12144987	-0.17361666	-0.1730206	1321.7439	724.677	954.7612	3001.1821
06-02-2022 19:32	49.8945	248.28691	257.134	248.03143	438.1883	436.23514	430.61826	23.814432	23.51189	21.331312	-0.2244248	-0.14153358	-0.26531088	-0.20721379	1304.1729	849.97644	1389.0664	3543.2156
06-02-2022 19:33	49.887817	248.52415	257.39526	248.03627	438.3212	436.84586	430.75296	23.800255	23.069847	21.313202	-0.22247557	-0.11721046	-0.24487045	-0.19281873	1310.5687	702.0397	1290.0233	3302.6318
06-02-2022 19:34	49.879463	248.44724	257.4648	247.99287	438.4541	436.50604	430.86523	23.80273	23.129845	21.33547	-0.22328879	-0.12117002	-0.24364401	-0.1940429	1302.3474	712.70483	1276.4723	3291.5247
06-02-2022 19:35	49.85771	249.29791	257.0945	247.91826	439.09564	436.46484	430.9774	23.784393	23.08369	21.354788	-0.22592042	-0.11776082	-0.24414353	-0.19401929	1313.136	697.8911	1279.947	3290.974
06-02-2022 19:36	49.852196	249.18512	256.91626	248.18117	439.22675	436.62067	430.6454	23.885391	23.913372	22.21197	-0.22760394	-0.085543945	-0.17607988	-0.16152155	1333.4763	525.7313	961.6063	2820.814
06-02-2022 19:37	49.89802	249.45544	257.02362	248.63832	439.1669	437.11563	431.6488	23.91403	23.915556	22.311096	-0.22816072	-0.08168449	-0.1690897	-0.15846817	1346.651	499.70087	929.38745	2775.7395
06-02-2022 19:38	49.924942	249.51839	257.16418	248.67647	439.62128	437.328	431.40616	23.899971	24.002522	22.358904	-0.22220089	-0.08111716	-0.16876638	-0.15607369	1309.7559	510.1443	928.3398	2748.24
06-02-2022 19:39	49.984253	249.8515	257.65314	248.97998	440.20837	437.8613	432.23215	24.012337	24.589577	21.742765	-0.21964695	-0.10823438	-0.20550731	-0.17555739	1303.8049	677.07574	1105.5345	3086.4155
06-02-2022 19:40	50.0152	250.03911	258.17215	248.81194	440.53088	438.36108	432.34784	23.998583	24.064543	21.783615	-0.21740824	-0.06614123	-0.21167171	-0.16197878	1288.15	408.81586	1135.1257	2832.0918
06-02-2022 19:41	50.05199	250.08882	258.1801	249.16975	440.54196	438.8465	432.57162	24.074444	24.21983	22.387102	-0.21760303	-0.06891698	-0.17215607	-0.1511474	1300.3867	431.98608	938.9032	2671.276
06-02-2022 19:42	50.086426	250.6872	257.62515	248.9257	440.54654	438.30627	432.75723	24.115381	24.198282	22.99913	-0.21929213	-0.06810955	-0.14296098	-0.14239183	1308.2533	423.02917	809.39764	2540.6802
06-02-2022 19:43	50.101234	251.18068	257.89615	248.97353	440.85046	438.82956	433.33572	24.03128	23.411568	21.888008	-0.21818686	-0.100895934	-0.20742947	-0.17381142	1296.4202	605.7938	1119.2567	3021.4707
06-02-2022 19:44	50.127537	251.36064	257.92596	249.44162	441.24203	439.0165	433.9281	24.109419	23.33923	21.874744	-0.2180935	-0.09501498	-0.21385919	-0.17397898	1302.0249	569.0834	1155.8169	3026.925
06-02-2022 19:45	50.112156	251.2985	257.78226	249.34683	441.05386	439.06808	433.54724	24.13013	23.347275	21.945955	-0.21710093	-0.09322694	-0.20466775	-0.1705918	1306.9478	568.2214	1112.9827	2988.1519
06-02-2022 19:46	50.064404	251.1851	257.17383	249.7513	440.79813	438.58377	433.731	24.091366	23.821795	23.009682	-0.22306763	-0.10797664	-0.1543798	-0.16165783	1334.238	654.323	878.56134	2867.122
06-02-2022 19:47	50.031887	251.14017	257.3119	249.63203	440.84055	438.61752	433.61127	24.090816	24.257809	22.892086	-0.22511314	-0.096445076	-0.13714245	-0.15245908	1343.5354	597.05255	775.00854	2715.5967
06-02-2022 19:48	50.018692	251.4502	257.31552	249.36208	440.80002	438.5225	433.82156	24.948294	23.84017	22.88544	-0.1766156	-0.073075294	-0.14165162	-0.13045694	1098.0315	449.75995	808.02374	2355.8152
06-02-2022 19:49	49.984425	251.15312	257.25888	249.18083	440.33435	438.26483	433.616	24.941862	23.82516	22.897835	-0.17592016	-0.07144208	-0.13669404	-0.1281023	1088.0421	434.69006	772.0885	2294.8208
06-02-2022 19:50	49.985428	251.2309	257.44437	249.20862	440.43893	438.5513	433.72955	24.898335	23.72143	22.93333	-0.17754872	-0.07416864	-0.13669518	-0.12969504	1094.2493	460.83398	768.6746	2323.7578
06-02-2022 19:51	49.999912	251.44075	257.66525	249.24806	440.88052	438.80045	433.85583	24.996626	24.601429	22.959692	-0.17684793	-0.049793366	-0.13575752	-0.12002237	1099.5028	314.46448	768.7361	2182.7034
06-02-2022 19:52	50.002968	251.38145	257.672	249.22964	440.88483	438.66446	433.86377	24.97926	24.52172	22.88708	-0.17638819	-0.044641893	-0.1419253	-0.11999912	1094.5024	280.5677	800.7618	2175.832
06-02-2022 19:53	49.99959	251.2969	257.69788	248.98856	440.7426	438.34372	433.80508	24.952435	24.959604	21.81744	-0.17468542	-0.06788154	-0.20950931	-0.14719075	1084.962	420.83246	1132.7944	2638.5889
06-02-2022 19:54	49.999393	251.39378	257.80917	249.11705	441.18274	438.3881	433.90564	24.993229	25.156803	21.82091	-0.17642228	-0.07744699	-0.20878562	-0.15082218	1103.5236	436.94675	1116.95	2657.42
06-02-2022 19:55	50.031807	251.45758	257.85794	249.41995	441.1613	438.75897	434.27325	25.011776	24.600723	21.95965	-0.17531566	-0.04776858	-0.21487702	-0.1424765	1095.8396	295.65036	1148.597	2540.087
06-02-2022 19:56	50.042355	251.30865	257.74393	249.74242	441.04718	438.91055	434.33783	24.171772	24.519894	22.958546	-0.22938892	-0.039437592	-0.1389736	-0.13338701	1368.7751	243.12021	784.8557	2396.751
06-02-2022 19:57	50.027924	251.27504	258.14932	249.39769	441.20767	439.0388	434.09958	24.165867	24.603384	22.902401	-0.22796994	-0.04261233	-0.14641716	-0.13735057	1370.854	268.94156	828.1904	2467.986
06-02-2022 19:58	50.066383	251.6369	258.02417	250.03021	441.56058	439.46118	434.82697	24.206993	23.705748	23.012152	-0.22548747	-0.07056244	-0.13530137	-0.1436058	1355.6116	429.8851	770.09106	2555.588
06-02-2022 19:59	50.070663	252.2268	258.17136	250.22386	441.95474	439.94904	435.5551	24.25103	23.948736	23.81245	-0.22547685	-0.08093758	-0.106444985	-0.13778827	1369.7963	497.7942	627.74615	2495.3367
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
06-02-2022 20:00	50.07113	252.14323	258.15384	250.24611	441.86145	439.9921	435.46924	24.235466	23.903488	23.787413	-0.22561765	-0.078878775	-0.10342793	-0.13594161	1364.4312	484.67105	609.7976	2458.9
06-02-2022 20:01	50.05556	252.22617	258.25848	250.26381	442.16666	440.14774	435.36765	24.181976	24.299004	23.724806	-0.22910123	-0.09608083	-0.108411424	-0.14431468	1380.1914	583.8576	628.6428	2592.6917
06-02-2022 20:02	49.990734	251.98454	257.7596	249.8347	441.30853	439.38434	434.95935	24.164274	24.067278	23.709911	-0.2275353	-0.08419592	-0.10253429	-0.13800025	1370.0026	516.9579	600.2111	2487.1716
06-02-2022 20:03	49.988724	251.67648	257.6534	249.47513	441.00864	438.9798	434.3264	24.122463	23.806572	22.569168	-0.22417435	-0.07965274	-0.17079192	-0.15746146	1345.7063	486.94595	951.6925	2784.3447
06-02-2022 20:04	49.99247	251.65115	257.72928	249.67455	441.10815	439.17978	434.4597	24.109556	23.666203	22.525547	-0.22417109	-0.07276418	-0.1711445	-0.1543204	1343.6282	448.7697	928.2051	2720.603
06-02-2022 20:05	50.03296	251.89508	257.87256	249.7114	441.50168	439.24036	434.74008	24.175642	23.913933	22.54197	-0.2250335	-0.08098215	-0.17509733	-0.15949593	1352.5848	495.89566	974.85754	2823.338
06-02-2022 20:06	50.022182	252.10623	257.4986	250.10538	441.61987	439.1378	435.12186	24.193546	23.960287	23.74341	-0.22974671	-0.09855334	-0.10146893	-0.14336263	1383.6814	597.1053	598.86725	2579.6538

06-02-2022 20:07	50.02046	251.78067	257.94772	250.23566	441.62695	439.46252	435.22784	24.194324	24.570057	23.72348	-0.22778451	-0.06710802	-0.10468466	-0.13236058	1369.1205	432.31085	617.06494	2418.4963
06-02-2022 20:08	50.02405	251.83821	258.06595	250.2154	441.71936	439.49426	435.37177	24.244184	25.01877	23.145977	-0.22665824	-0.08691033	-0.13117342	-0.14728212	1367.6776	554.7953	748.72003	2671.1929
06-02-2022 20:09	49.96326	251.70638	257.73187	249.97256	441.23773	439.16644	434.9548	24.1655	24.92571	23.036243	-0.2269996	-0.08322794	-0.13751024	-0.14812641	1367.605	560.5657	801.5751	2729.7458
06-02-2022 20:10	49.977165	251.78569	257.90753	249.91295	441.5513	439.2939	434.85574	24.143589	24.655716	23.13616	-0.22785689	-0.07278812	-0.13392481	-0.14385079	1370.7404	459.85782	765.9403	2596.5383
06-02-2022 20:11	50.015694	251.78525	258.18152	249.58032	441.59766	439.2805	434.72147	24.215748	24.67555	23.16434	-0.22475854	-0.07189299	-0.12992918	-0.14119704	1351.0162	451.80872	748.49207	2551.3171
06-02-2022 20:12	50.0479	252.01591	258.51233	249.8162	442.23483	439.67252	435.07513	24.264503	24.654293	23.248806	-0.22480024	-0.07011955	-0.13379107	-0.14232953	1358.668	447.3256	772.367	2578.3606
06-02-2022 20:13	50.04421	252.11581	258.3818	250.00629	442.16367	439.71606	435.3757	24.217388	24.635166	22.067945	-0.22056141	-0.07319324	-0.20733064	-0.16412303	1332.1467	464.05255	1130.6526	2926.8518
06-02-2022 20:14	50.059444	252.05655	258.2197	250.0305	442.13348	439.5894	435.1927	24.17107	23.707294	22.068878	-0.22424129	-0.0977949	-0.19513938	-0.1713809	1351.57	595.7594	1065.0831	3012.4124
06-02-2022 20:15	50.046135	251.48619	259.08255	250.2108	442.52167	440.10104	435.1118	24.174915	23.535496	22.052101	-0.22360353	-0.1273115	-0.20069931	-0.18318455	1343.4844	771.1569	1095.3081	3209.9492
06-02-2022 20:16	50.032795	251.34752	259.1618	250.41365	442.5912	440.24417	435.14673	24.147919	23.882019	22.07691	-0.21779035	-0.1358461	-0.20094621	-0.18400493	1316.6315	845.6259	1095.657	3257.9146
06-02-2022 20:17	50.02624	251.33286	259.13483	250.65862	442.49173	440.67758	435.16827	24.098627	23.51141	23.064117	-0.22309224	-0.11968729	-0.13564754	-0.15946944	1329.8599	724.9295	776.6018	2831.3914
06-02-2022 20:18	50.018738	251.48741	259.20163	250.81116	442.72083	440.6752	435.58432	24.182234	23.484558	23.157406	-0.22127926	-0.11955585	-0.13130936	-0.15667953	1337.4297	716.82947	741.3181	2795.5771
06-02-2022 20:19	49.980934	251.66072	259.03265	250.52217	442.7099	440.43344	435.34763	24.047277	23.592918	23.13779	-0.22388032	-0.12824585	-0.13353808	-0.1621058	1337.6262	779.396	765.6095	2882.6316
06-02-2022 20:20	50.019608	251.83705	259.09216	250.83083	442.98013	440.7606	435.6928	24.150621	23.378918	23.748587	-0.2221583	-0.115740724	-0.10746075	-0.14866889	1336.5271	699.96655	619.7615	2656.2551
06-02-2022 20:21	50.012955	251.65816	259.07193	250.58794	442.71698	440.66757	435.2866	24.10761	23.440426	23.814993	-0.21520366	-0.11999033	-0.13132797	-0.15560524	1284.1375	722.13635	775.89624	2782.1702
06-02-2022 20:22	50.04456	252.2143	259.93585	251.18484	443.90982	441.7281	436.52356	24.248924	24.326822	23.846825	-0.22101752	-0.06878669	-0.10958647	-0.13236773	1328.5579	440.04163	648.9081	2417.5076
06-02-2022 20:23	50.04087	251.99162	260.0264	250.81914	443.7619	441.5844	435.95807	24.150692	24.71451	22.693367	-0.21919943	-0.0880091	-0.18240964	-0.16136345	1318.6772	563.7135	1027.296	2909.687
06-02-2022 20:24	50.072205	252.25555	260.2584	250.85489	443.89847	441.88763	436.43594	24.249468	24.333942	22.731829	-0.21662097	-0.073218286	-0.17664395	-0.15378845	1305.1829	468.87357	999.89026	2773.9465
06-02-2022 20:25	50.06437	252.44023	260.21436	250.72069	444.14603	441.63577	436.45193	25.10151	24.416895	22.762531	-0.17546387	-0.07577565	-0.17417833	-0.14010145	1092.7	478.65735	983.20245	2554.5596
06-02-2022 20:26	50.029366	252.37526	260.42084	250.3007	443.847	441.65475	436.249	25.093094	24.281073	22.72219	-0.17185347	-0.07332944	-0.18048644	-0.14039688	1074.7255	461.60068	1015.0425	2551.3687
06-02-2022 20:27	50.045937	252.48221	260.43054	250.77777	444.30878	442.03333	436.4416	25.128088	24.351192	23.946169	-0.1753917	-0.07026876	-0.109992996	-0.1185834	1095.2954	446.1699	648.95605	2190.4214
06-02-2022 20:28	49.991932	251.81818	260.67267	249.57956	443.28937	441.2901	435.39368	24.842186	24.427116	23.248692	-0.16656172	-0.090588465	-0.43081295	-0.2233037	1031.6575	562.4729	2445.5452	4039.6755
06-02-2022 20:29	49.985	251.85696	259.9713	250.99638	443.38412	441.6054	436.28543	25.070124	23.5398	23.839205	-0.17609867	-0.09995813	-0.109587155	-0.12910727	1098.4191	609.1447	651.0829	2358.6467
06-02-2022 20:30	49.96779	252.35587	260.02197	250.8667	443.79932	441.98395	436.2283	25.044937	24.135666	23.192535	-0.17815071	-0.13122104	-0.1533335	-0.1542908	1110.6583	814.7595	882.53723	2807.955
06-02-2022 20:31	49.93746	252.45317	259.88123	250.82283	443.8381	441.5652	436.45184	25.001333	23.946684	23.199175	-0.17924073	-0.11934544	-0.14042069	-0.1466161	1118.6913	736.0248	808.3657	2663.0815
06-02-2022 20:32	49.958702	252.71887	260.27853	250.87195	444.37662	442.06445	436.6518	25.039703	23.509867	23.316614	-0.18070467	-0.10228802	-0.1387954	-0.1409755	1128.744	622.76965	803.30066	2554.8142
06-02-2022 20:33	49.92489	251.8748	260.2223	250.34476	443.72314	441.38174	435.51868	24.091433	23.580402	21.585844	-0.22451022	-0.1074587	-0.28886768	-0.20339668	1344.7017	653.79944	1545.36	3543.861
06-02-2022 20:34	49.98399	251.87444	260.52145	251.03856	444.09714	442.06534	436.1762	24.242613	24.046545	21.42288	-0.21992145	-0.08600409	-0.24983922	-0.18163988	1326.6185	534.43604	1331.1375	3192.192
06-02-2022 20:35	49.995106	252.10655	260.53168	250.7435	444.1714	441.8327	436.24222	24.13419	23.849628	21.411337	-0.22049704	-0.0812061	-0.24729836	-0.17948098	1327.6821	502.54523	1317.1472	3147.3745
06-02-2022 20:36	50.004623	251.78207	260.80228	251.09903	444.0003	442.32925	436.43582	24.127542	23.716349	21.503067	-0.21899197	-0.0750721	-0.25454345	-0.17924927	1315.3071	462.17105	1361.2213	3138.6992
06-02-2022 20:37	50.0145	251.70688	261.18466	251.5314	444.37402	442.72552	436.94028	24.229376	24.417873	22.433413	-0.22365962	-0.10297351	-0.18366258	-0.16870841	1348.4728	649.7731	1025.346	3023.5918
06-02-2022 20:38	50.0394	252.23466	261.02734	251.49268	444.85583	442.56696	437.1936	24.261734	25.144905	22.547434	-0.22366512	-0.0645329	-0.17475222	-0.15153727	1352.9467	420.1706	979.9479	2753.0652
06-02-2022 20:39	50.040714	251.53024	261.346	251.37453	444.25793	442.65897	436.82227	24.218939	24.649294	22.601498	-0.22126079	-0.04524778	-0.18155335	-0.14643669	1334.3811	290.0266	1020.277	2644.6846
06-02-2022 20:40	50.046585	251.41258	261.3927	251.49066	444.171	442.84732	436.8002	24.210768	24.660374	22.58601	-0.22130165	-0.044833407	-0.17804267	-0.14515658	1333.8115	287.51605	998.52106	2619.8486
06-02-2022 20:41	50.041836	253.03473	261.02872	250.94772	445.53613	442.51175	437.02667	24.262522	24.768145	22.517221	-0.22147198	-0.048577443	-0.18192324	-0.14755683	1340.3102	312.60724	1014.8206	2667.738
06-02-2022 20:42	50.026554	252.92822	260.58746	251.39377	445.2949	442.3931	437.2049	24.2854	25.11253	22.539425	-0.22332774	-0.05537826	-0.1749304	-0.1485026	1356.261	358.3435	980.8425	2695.447
06-02-2022 20:43	50.042797	252.8264	260.60114	251.59097	444.9203	442.8771	437.28513	24.281193	24.73773	22.6153	-0.22430061	-0.045186948	-0.18012685	-0.14713353	1361.5797	289.8925	1013.2742	2664.7463
06-02-2022 20:44	50.05024	252.83208	260.93015	251.43837	445.16827	442.9653	437.26572	24.296768	24.765465	21.492617	-0.22034702	-0.050311275	-0.24714053	-0.16713586	1336.2292	323.21658	1321.6226	2981.0684
06-02-2022 20:45	50.021965	252.74933	260.60028	251.15732	444.89258	442.34348	436.96042	24.163116	24.375061	21.171988	-0.22022934	-0.09654626	-0.30092207	-0.2002419	1329.5969	606.29443	1582.6399	3518.5312
06-02-2022 20:46	50.039467	252.60251	261.1047	251.43	444.97382	442.80228	437.50372	24.248123	23.887165	20.930779	-0.21916036	-0.079702154	-0.28632823	-0.18974736	1327.8685	494.39886	1491.9241	3314.1917
06-02-2022 20:47	49.993004	252.7635	261.1534	252.07297	445.639	443.22208	437.89676	24.221115	24.103224	21.966488	-0.2242443	-0.0815246	-0.20641392	-0.16860475	1356.3524	509.12134	1131.5996	2997.0732
06-02-2022 20:48	49.977478	253.27191	260.94794	251.84538	445.85364	443.24203	437.80096	24.235231	23.99366	21.980713	-0.22447017	-0.096758336	-0.19877155	-0.17186353	1361.242	600.9109	1088.9724	3051.1255
06-02-2022 20:49	50.01028	253.39488	261.12323	251.94923	446.11212	443.40616	438.07364	24.281097	23.899305	21.991016	-0.22550076	-0.09607482	-0.19864108	-0.17200606	1369.737	595.8469	1088.7062	3054.29
06-02-2022 20:50	49.97623	252.99315	260.8944	251.97076	445.72324	443.19565	437.6185	24.272573	23.937107	21.808365	-0.22333585	-0.10015643	-0.20153841	-0.17346333	1353.3823	621.52216	1096.0684	3070.973
06-02-2022 20:51	50.018932	253.35146	261.2329	251.98889	445.99457	443.5523	438.22638	24.29742	23.87292	21.958324	-0.22331819	-0.09325116	-0.1952254	-0.16946201	1360.7554	576.12415	1068.1963	3005.0757
06-02-2022 20:52	49.983925	253.30428	261.27048	252.09645	446.13208	443.6908	438.12268	24.292757	24.332928	21.915638	-0.22400942	-0.11366884	-0.19973996	-0.17766908	1361.0963	714.4178	1092.1421	3167.6562
06-02-2022 20:53	49.989967	253.38388	261.07614	251.95547	446.08292	443.40048	438.01935	24.282265	25.139597	22.644058	-0.22607675	-0.0839552	-0.16259693	-0.15558976	1372.1642	553.51373	911.8019	2837.48
06-02-2022 20:54	49.993664	253.39664	261.5157	251.73083	446.20914	443.65695	438.033	24.288473	24.514427	21.592169	-0.2205505	-0.062488955	-0.2420486	-0.17044866	1339.4569	399.01227	1301.7795	3040.2488
06-02-2022 20:55	50.025993	253.53471	261.72195	251.4856	446.4242	443.5097	438.1353	24.297436	24.80303	21.663038	-0.21590212	-0.07061822	-0.23323038	-0.16879831	1309.3463	453.30756	1259.3385	3021.9922
06-02-2022 20:56	50.032455	253.65594	261.92688	251.7958	446.92105	443.97144	438.28345	24.270647	24.755564	22.195251	-0.21734972	-0.06646758	-0.20708127	-0.16028343	1318.6749	439.7786	1147.2073	2905.6611
06-02-2022 20:57	50.030853	253.6178	261.29446	252.57283	446.52945	444.2562	438.5707	24.333138	24.7643	23.951635	-0.2232662	-0.062131662	-0.10910569	-0.13031341	1359.5189	400.12268	652.9864	2412.628
06-02-2022 20:58	50.03128	253.71967	261.37076	252.64508	446.8428	444.25885	438.6878	24.345932	24.885633	23.866198	-0.22053264	-0.06562362	-0.111036286	-0.1312092	1347.7148	428.8907	660.3482	2436.9536
06-02-2022 20:59	50.05234	252.99675	260.72073	252.07745	445.63367	443.2087	437.5854	24.26179	24.820198	23.90429	-0.22202438	-0.06645414	-0.109976575	-0.13152197	1345.9888	429.01242	656.3984	2431.3994
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
06-02-2022 21:00	50.05333	252.6019	260.5524	251.8382	445.20633	442.91428	436.92032	24.29287	25.198437	23.822252	-0.22237964	-0.082851864	-0.10564727	-0.13585448	1348.7538	539.9342	627.3414	2516.0293
06-02-2022 21:01	50.042652	251.76826	259.41525	250.96323	443.40112	441.23654	435.4721	25.061924	23.865902	23.800777	-0.17758067	-0.09433159	-0.10404921	-0.12584928	1108.4072	581.0149	614.5864	2304.0085
06-02-2022 21:02	49.969814	246.97037	254.38544	245.85443	434.41867	432.60004	427.2167	24.647446	23.0379	23.288574	-0.17546104	-0.12476155	-0.11183139	-0.13801564	1057.6833	728.3877	633.55646	2419.6274
06-02-2022 21:03	49.941536	244.24927	251.83008	243.35754	429.8757	428.23346	422.66345	24.482813	22.94381	23.13629	-0.17187254	-0.12348507	-0.106710665	-0.13468763	1018.38983	710.21155	594.639	2323.2402
06-02-2022 21:04	49.903625	242.291	249.90561	241.20981	426.58185	424.67612	419.07184	25.008404	22.853657	21.944914	-0.1296782	-0.10805965	-0.18095514	-0.13829856	779.58795	613.48926	948.1129	2341.1902
06-02-2022 21:05	49.898468	243.19234	250.47928	241.3595	427.48367	425.47824	420.18008	25.060854	22.87595	21.982021	-0.13019556	-0.10887565	-0.17926982	-0.13820037	785.6947	621.2104	941.2092	2348.1145
06-02-2022 21:06	49.923862	242.5543	250.21648	241.22066	426.5727	425.43872	419.33356	25.042143	22.7271	21.906797	-0.13006237	-0.10512482	-0.19640721	-0.14164157	771.8402	594.9647	1030.471	2397.276
06-02-2022 21:07	49.92757	242.65474	250.23607	241.38454	426.6491	425.36374	419.8173	24.15709	23.22037	21.905056	-0.17807518	-0.12288678	-0.1762584	-0.15858544	1034.2539	707.4424	925.5676	2667.2637
06-02-2022 21:08	49.949886	242.72604	249.94214	241.57338	426.92337	425.14557	419.7058	24.288595	22.833984	23.028088	-0.17853211	-0.10289272	-0.11083912	-0.13140193	1033.6959	585.3692	615.6036	2234.6685
06-02-2022 21:09	49.944157	242.19916	250.34995	241.2482	426.5796	425.14526	419.28085	23.52392	23.679462	23.005512	-0.22409044	-0.07316535	-0.11233113	-0.1358074	1271.3146	427.52853	625.7622	2324.6052
06-02-2022 21:10	49.973328	242.31776	250.53883	241.7323	426.9655	425.9435	419.4736	23.530218	23.645931	23.028816	-0.22470906	-0.075016305	-0.12469063	-0.14062755	1267.3579	438.08994	680.28516	2385.733
06-02-2022 21:11	49.988792	242.26115	250.44354	241.95363	426.91138	425.94077	419.64786	23.615433	23.742838	23.078026	-0.2225946	-0.07677683	-0.11821443	-0.13943118	1259.9318	462.43497	653.73285	2376.0996
06-02-2022 21:12	50.01396	242.88411	250.72215	241.98705	427.47046	426.2804	420.36606	23.634998	23.653872	23.118565	-0.22207883	-0.073040165	-0.11421342	-0.13584067	1261.7491	426.5088	636.07556	2324.3335
06-02-2022 21:13	50.027004	242.44589	250.3481	241.77664	426.8298	425.74127	419.77438	23.605076	23.779312	23.109999	-0.2231024	-0.07759286	-0.115164205	-0.13792741	1268.0061	451.4244	640.8707	2360.3013
06-02-2022 21:14	50.000614	242.45311	250.40627	241.31207	426.8658	425.3337	419.456	23.578651	24.062967	21.982412	-0.22198343	-0.09256072	-0.2013763	-0.16981032	1254.7781	549.01843	1056.8529	2860.6494
06-02-2022 21:15	49.991253	248.32692	256.54337	247.0523	437.24997	435.66556	429.4888	23.877205	24.377357	22.344275	-0.22364828	-0.0886297	-0.18163416	-0.16214752	1311.6216	548.2112	988.2145	2848.047
06-02-2022 21:16	49.961758	247.8257	256.41013	247.13815	436.68936	435.59473	429.169	23.834568	23.252203	22.349413	-0.22318174	-0.10445981	-0.17987154	-0.1683901	1303.3794	618.03687	982.3475	2903.7637
06-02-2022 21:17	49.92516	247.8107	256.72458	247.2126	436.92383	435.54288	429.62546	23.821693	23.19524	22.357634	-0.2230089	-0.103095636	-0.1844293	-0.16956465	1296.0028	603.6214	1017.4962	2917.1204
06-02-2022 21:18	49.908127	247.9082	256.86307	247.52211	436.86557	436.2983	429.87598	23.798468	23.17793	23.422956	-0.22639076	-0.09930317	-0.12291726	-0.14948949	1318.4382	592.7058	701.05115	2612.1953
06-02-2022 21:19	49.906372	248.44724	256.161	247.31618	436.8508	435.7836	429.76892	23.817902	23.130386	23.414497	-0.2273134	-0.09793419	-0.120106325	-0.14783368	1322.687	577.606	684.48553	2584.7788
06-02-2022 21:20	49.904686	248.38086	256.18634	247.30379	437.1624	435.4795	429.66977	23.755653	23.128365	23.436714	-0.2286504	-0.09686936	-0.11256613	-0.14706439	1336.6958	587.8598	648.58527	2573.1409
06-02-2022 21:21	49.92286	247.31642	256.3798	248.02222	436.59286	436.1981	429.25946	23.888548	23.638622	23.407894	-0.22562473	-0.11478525	-0.11385024	-0.15131128	1319.6204	735.6967	660.83185	2716.149
06-02-2022 21:22	49.98822	247.99483	257.057	247.97243	437.45874	436.673	430.17654	23.960028	24.048885	23.547003	-0.2223787	-0.088460065	-0.11514031	-0.14143191	1304.5947	572.9258	664.9021	2542.4224
06-02-2022 21:23	49.979828	248.33725	257.2382	248.17697	437.96683	437.0125	430.59073	23.92757	23.5434	22.984413	-0.2247249	-0.07321894	-0.15218201	-0.14935356	1321.7129	441.67334	859.0998	2622.4858
06-02-2022 21:24	50.03354	248.54549	257.8197	248.07643	438.6775	437.16595	430.9186	23.978178	24.464901	21.990206	-0.21775325	-0.04878715	-0.21822812	-0.1575629	1286.2147	306.53867	1179.6412	2772.3948
06-02-2022 21:25	50.02785	247.94841	258.17368	248.29324	438.37454	437.41623	430.9192	23.963207	24.472963	21.967382	-0.2158022	-0.048804972	-0.21540181	-0.15593627	1273.1293	313.7183	1173.6257	2760.4734
06-02-2022 21:26	50.029377	248.78218	257.9425	248.19756	439.08444	437.5871	430.93066	24.021397	24.449104	21.949722	-0.21916716	-0.045638345	-0.21004705	-0.1544345	1297.2183	286.58176	1133.2155	2717.0154
06-02-2022 21:27	49.99393	248.72015	257.7906	247.75784	438.72458	437.04706	430.69528	23.942698	24.301949	20.97134	-0.21462512	-0.044845268	-0.26668456	-0.16876565	1265.5984	280.02487	1370.929	2916.5522
06-02-2022 21:28	50.017845	248.46748	258.1325	248.17274	438.8264	437.37833	431.12747	24.112972	24.432518	22.021969	-0.21750008	-0.04498824	-0.18397231	-0.14563404	1284.9395	282.38315	994.1294	2561.4521
06-02-2022 21:29	50.00629	248.58833	258.12497	248.46466	438.92944	437.7523	431.3544	24.040201	24.749048	21.994026	-0.21921264	-0.059345603	-0.18280399	-0.1508705	1300.8434	377.41837	988.1575	2666.419
06-02-2022 21:30	50.021698	249.50562	257.87317	248.51839	439.51035	438.03317	431.74512	24.064539	24.395134	21.965214	-0.21905275	-0.06393611	-0.17635977	-0.15082246	1302.041	399.92297	952.4677	2654.4316
06-02-2022 21:31	49.982388	248.48854	257.39456	248.37292	438.25507	437.51944	430.673	23.989155	24.317066	21.922539	-0.21971926	-0.063243106	-0.18645595	-0.15380484	1297.3674	394.76086	1005.51764	2697.646
06-02-2022 21:32	49.985714	248.8342	257.11053	248.27448	438.4089	437.22998	430.74435	23.964756	23.453266	21.91822	-0.22184207	-0.08759384	-0.17609984	-0.16100422	1305.2454	524.2184	947.91284	2777.3767

06-02-2022 21:33	49.95826	248.72688	257.0291	248.271	438.20016	437.152	430.6969	23.876495	23.500248	21.882877	-0.21648093	-0.08893742	-0.17559306	-0.15934922	1276.732	546.36694	944.2656	2767.3645
06-02-2022 21:34	49.98115	249.14534	257.4711	248.33551	438.93723	437.50803	431.20615	23.939953	23.513397	21.500004	-0.21384542	-0.091061875	-0.23339067	-0.17689428	1263.738	542.8704	1229.6401	3036.2485
06-02-2022 21:35	49.949326	249.28162	257.6168	247.83652	439.09256	437.18735	430.99747	23.869423	23.624918	21.346466	-0.21407422	-0.095583916	-0.2284096	-0.17868336	1266.8906	595.87024	1199.568	3062.329
06-02-2022 21:36	49.947304	248.20158	257.40555	248.8072	438.35196	437.75854	430.61243	23.901423	24.099447	21.335838	-0.21755934	-0.12320141	-0.22005041	-0.18150258	1270.7738	702.853	1154.0529	3127.6794
06-02-2022 21:37	49.936558	248.92155	257.55182	248.52301	438.8252	437.57297	431.32678	24.709131	23.824947	21.44202	-0.1726013	-0.10829093	-0.2248081	-0.1662969	1059.566	658.9757	1186.3457	2904.8875
06-02-2022 21:38	49.940414	248.84819	257.9218	249.01941	438.86237	438.24905	431.98123	24.783075	23.67195	22.463072	-0.17284556	-0.09926365	-0.1450305	-0.13893597	1054.3312	607.8427	804.80835	2466.9822
06-02-2022 21:39	49.946266	249.22	257.76755	248.8465	438.99545	438.41467	431.76797	24.781502	23.575882	22.384157	-0.17385668	-0.09477976	-0.14831038	-0.13884111	1063.6594	573.0886	817.4487	2454.1968
06-02-2022 21:40	49.924892	249.76736	257.95898	248.7313	439.71524	438.46753	432.0772	24.779356	24.33319	22.61214	-0.17546605	-0.061893277	-0.14408334	-0.12614653	1075.3113	386.80667	797.7399	2259.858
06-02-2022 21:41	49.967693	249.65207	258.1237	249.15169	440.08603	438.72287	432.2649	24.876762	24.500263	22.5646	-0.17597175	-0.06631525	-0.14977369	-0.12857848	1076.3751	409.3335	816.9556	2302.664
06-02-2022 21:42	49.95355	249.85469	257.87787	248.97845	440.09192	438.48834	432.12024	24.824814	24.40717	22.482769	-0.17575525	-0.06263215	-0.14198162	-0.12584662	1079.4238	392.26697	786.6302	2258.3208
06-02-2022 21:43	49.969433	249.9464	258.01337	248.99826	440.24643	438.41132	432.46628	24.84868	24.406723	22.41573	-0.17455922	-0.06212057	-0.15009809	-0.12750311	1075.5654	383.0304	828.8019	2287.3977
06-02-2022 21:44	50.00042	250.03233	258.9138	247.6626	440.28958	438.33527	431.89816	24.635141	24.685457	21.910011	-0.16585387	-0.092910655	-0.54354596	-0.25372684	1011.6304	589.94006	2920.2744	4521.8447
06-02-2022 21:45	49.970097	249.93362	258.68832	249.20453	440.902	439.0376	432.6916	24.020615	24.437944	21.25028	-0.22011098	-0.06539236	-0.21771076	-0.16376844	1308.4998	411.6002	1147.3076	2867.4075
06-02-2022 21:46	49.95787	249.62978	258.531	248.96365	440.51614	438.68048	432.2195	23.970728	24.398209	20.911798	-0.21809438	-0.06324073	-0.25571612	-0.17326109	1290.9117	396.76898	1317.7068	3005.3877
06-02-2022 21:47	49.974777	249.86353	258.47842	248.93217	440.52283	438.71106	432.44025	23.923407	23.779299	22.940762	-0.22171824	-0.07543607	-0.14667489	-0.14717142	1311.6432	460.80536	828.7198	2601.1682
06-02-2022 21:48	49.978565	250.00706	258.77585	249.1862	440.91156	439.17383	432.79297	23.976576	23.740473	23.046465	-0.22248541	-0.07686194	-0.14076261	-0.14608438	1320.7671	470.03513	799.62854	2590.4307
06-02-2022 21:49	49.99556	250.09235	258.7528	249.73085	441.00366	439.78525	433.14133	24.025679	23.789562	23.083347	-0.22271453	-0.074962154	-0.13991101	-0.14522913	1324.7301	459.31564	798.31714	2582.3628
06-02-2022 21:50	49.956104	250.31737	258.47665	249.74834	440.7968	439.76	433.31317	23.887943	23.38018	23.045288	-0.22776885	-0.09698965	-0.14063774	-0.15530664	1353.3896	582.03546	800.8489	2736.274
06-02-2022 21:51	49.98593	250.99869	258.83923	249.8992	441.802	440.18298	433.9559	24.746323	23.769382	23.02346	-0.18092056	-0.11482871	-0.1423141	-0.14619099	1113.7847	700.7837	810.0265	2624.5947
06-02-2022 21:52	49.965122	250.67459	258.58676	249.52718	441.1587	439.69232	433.44623	24.675362	23.508625	23.073559	-0.17997465	-0.1068741	-0.14212017	-0.14423786	1110.8604	657.7265	809.2776	2577.8643
06-02-2022 21:53	49.98808	250.58177	258.73175	249.14005	440.94992	439.60715	433.16116	24.665764	23.389769	22.10384	-0.17808406	-0.10660726	-0.21784644	-0.16592443	1089.5521	641.6356	1185.7594	2916.947
06-02-2022 21:54	50.004665	250.35086	258.82718	249.5586	440.964	440.01767	433.22815	23.035925	23.393785	21.947968	-0.25181252	-0.10198678	-0.20949626	-0.18580566	1437.6919	614.7782	1135.4772	3187.9473
06-02-2022 21:55	49.99714	250.58827	258.98453	249.47662	441.36536	439.95517	433.43076	23.969074	24.248444	21.92986	-0.22506334	-0.0777283	-0.21634258	-0.17020452	1339.6173	485.6978	1171.627	2996.9421
06-02-2022 21:56	50.00709	249.77158	259.3697	249.93282	441.0834	440.25204	433.45346	24.020973	24.190931	21.99231	-0.22351503	-0.07220632	-0.21216004	-0.16639084	1326.8296	449.80453	1156.3765	2933.0105
06-02-2022 21:57	50.02769	250.46785	259.52966	250.58269	442.07294	440.7574	434.56216	24.082577	24.29734	23.10468	-0.226776	-0.068461314	-0.14211035	-0.14451943	1348.7764	430.50046	813.32544	2592.6023
06-02-2022 21:58	50.049805	252.46854	260.46057	251.8146	444.49634	443.17368	436.93985	24.195993	24.833847	23.178331	-0.22763833	-0.09027212	-0.14054358	-0.15172212	1375.7842	579.4768	812.4017	2767.6626
06-02-2022 21:59	50.061802	252.64372	260.52686	251.91048	444.7218	443.3346	437.13794	24.2428	25.19328	23.176765	-0.22978243	-0.101693414	-0.15270613	-0.15974845	1381.7463	659.6441	881.32965	2922.72

Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
06-02-2022 22:00	50.065086	251.88707	260.334	250.8686	443.62943	442.22574	435.89093	24.141054	24.436968	22.69599	-0.22539	-0.077238016	-0.17093292	-0.15649402	1352.293	502.80585	961.1747	2816.2734
06-02-2022 22:01	50.023506	250.08974	258.6219	249.75053	440.7851	439.83942	433.10873	24.040623	24.264767	22.644913	-0.22471353	-0.07486729	-0.17265224	-0.15572967	1329.4398	471.69724	954.9991	2760.6675
06-02-2022 22:02	50.018906	250.38528	258.94766	250.12454	441.46545	440.3212	433.6701	24.079033	24.023838	22.64323	-0.22419427	-0.062400125	-0.17507239	-0.15222895	1336.3186	393.474	972.4408	2702.2334
06-02-2022 22:03	49.977337	248.20033	256.5755	247.45601	437.25372	436.05826	429.62845	23.819885	23.116573	21.35569	-0.22126646	-0.10229583	-0.25234154	-0.18945555	1291.7571	600.6234	1330.8125	3223.193
06-02-2022 22:04	49.924988	246.69983	255.17566	246.03984	434.63586	433.6691	427.1586	23.693869	23.194862	21.284048	-0.22217159	-0.11007099	-0.24649546	-0.19048904	1284.1473	638.65594	1265.3804	3188.1836
06-02-2022 22:05	49.872612	245.48915	253.91399	244.73631	432.38916	431.4953	425.03812	23.588573	23.040981	21.21918	-0.22169133	-0.10542234	-0.25041267	-0.19002976	1271.4099	612.06683	1284.0916	3167.5684
06-02-2022 22:06	49.832325	245.53737	253.86206	244.85811	432.26874	431.79767	425.0619	23.597595	23.260347	21.202198	-0.22128344	-0.11406359	-0.24413621	-0.1913294	1273.6803	674.0402	1247.9263	3195.647
06-02-2022 22:07	49.813297	244.79935	253.1686	244.8151	431.32254	430.80136	424.44595	23.583511	23.045166	22.002026	-0.22395429	-0.10402917	-0.1785406	-0.16910075	1281.0569	617.4877	948.14795	2846.6924
06-02-2022 22:08	49.845715	245.83545	253.74173	245.20085	432.85657	431.4439	425.7225	23.629337	23.09891	22.152763	-0.22495097	-0.10429836	-0.17178553	-0.16660346	1289.7003	607.98065	930.65924	2828.34
06-02-2022 22:09	49.866184	245.83774	254.06218	245.21448	432.76486	432.04742	425.7955	23.649818	23.267956	22.184937	-0.2211058	-0.07462824	-0.17261684	-0.15629357	1276.2773	459.7534	925.9779	2662.0088
06-02-2022 22:10	49.881046	245.99042	254.10954	245.3147	432.9836	432.36908	425.77942	23.714962	23.3848	22.20394	-0.22177796	-0.07929544	-0.17036462	-0.15698071	1285.0746	476.30383	919.31854	2680.697
06-02-2022 22:11	49.896675	246.10274	254.31616	245.43852	433.69385	432.2931	425.9136	23.741833	24.26527	22.715857	-0.21516973	-0.05125099	-0.15365645	-0.13847102	1252.1951	313.89114	845.82263	2411.9087
06-02-2022 22:12	49.93975	245.68756	254.47766	245.2407	433.2329	432.1433	425.73886	23.82436	24.256361	23.358017	-0.21113227	-0.04814134	-0.11666202	-0.12382605	1237.7292	301.07678	657.2057	2196.0117
06-02-2022 22:13	49.940086	245.66724	254.05	245.0033	432.97873	431.76398	425.19016	24.603521	24.525358	22.233267	-0.17037447	-0.08836348	-0.1844255	-0.14870036	1018.4176	612.4361	992.99384	2623.8477
06-02-2022 22:14	49.915024	245.40816	253.69823	244.8475	432.44235	431.38852	424.77386	24.623627	24.566565	22.23385	-0.17088354	-0.102580346	-0.18767865	-0.15153396	1017.0941	638.8796	1007.8125	2663.7861
06-02-2022 22:15	49.94104	245.59912	253.86172	244.93294	432.55048	431.54895	425.26254	24.639507	24.200024	22.19407	-0.1682803	-0.07340008	-0.18868288	-0.1413308	1012.8617	454.5147	1004.56573	2471.9421
06-02-2022 22:16	49.916878	245.1803	253.73581	245.0841	432.21487	431.3855	425.0779	24.615526	24.217283	23.309921	-0.17003465	-0.070668355	-0.115892395	-0.11853068	1023.70544	443.5078	643.86163	2111.0747
06-02-2022 22:17	49.90466	245.42995	253.95442	245.31097	432.37524	431.9604	425.54593	24.541965	24.177725	23.362322	-0.17576408	-0.071543984	-0.11506933	-0.12045812	1047.2607	442.4138	653.0779	2142.7524
06-02-2022 22:18	49.878082	245.565	253.60426	244.9668	432.07748	431.4814	425.35242	24.546494	23.28681	23.260368	-0.17358461	-0.09865744	-0.11838933	-0.13038248	1024.8765	588.70416	666.1609	2279.7415
06-02-2022 22:19	49.88096	245.74414	253.8316	245.08728	432.55908	431.55344	425.70993	24.477194	23.184698	23.336658	-0.17386416	-0.092476696	-0.11301886	-0.12687074	1045.2678	552.631	637.5377	2235.4365
06-02-2022 22:20	49.851864	245.8601	253.53888	244.92294	432.86252	431.063	425.31097	24.466774	23.975069	23.252563	-0.17870742	-0.119452946	-0.11627656	-0.1382845	1059.982	713.9149	654.99255	2428.8896
06-02-2022 22:21	49.864174	245.52202	253.58727	244.9886	432.3669	431.15652	425.32138	23.723923	23.845785	22.188797	-0.22166584	-0.12060799	-0.15367456	-0.16499542	1285.6105	696.1472	823.03986	2804.7976
06-02-2022 22:22	49.892517	245.5185	253.78998	245.107	432.80252	431.5985	425.00323	23.716032	23.274937	22.130013	-0.21982235	-0.09488072	-0.15769927	-0.1580371	1275.1553	566.9137	843.70825	2685.7773
06-02-2022 22:23	49.867348	245.68225	253.82707	244.48628	432.88858	430.75552	425.02753	23.579884	23.259434	21.222246	-0.21769854	-0.10497111	-0.23569627	-0.18360054	1246.8296	617.8065	1210.1693	3074.8052
06-02-2022 22:24	49.87035	245.83363	254.32396	244.53516	433.296	431.1351	425.44577	23.59625	23.204708	21.231575	-0.21748358	-0.09913637	-0.22481178	-0.1781792	1247.046	582.5521	1152.7141	2982.3123
06-02-2022 22:25	49.868176	245.96973	254.23143	244.96535	432.95605	431.87802	425.86224	23.6458	23.274803	21.235607	-0.21607761	-0.10281409	-0.22855484	-0.18015853	1230.0494	611.8624	1177.2726	3019.1846
06-02-2022 22:26	49.91033	246.11469	254.21843	245.42155	433.50604	432.42776	425.7907	23.670872	23.400608	22.19472	-0.22261754	-0.09877885	-0.15828376	-0.15938671	1283.3611	589.66425	857.65314	2728.21
06-02-2022 22:27	49.917446	245.87335	254.35233	245.98451	433.89026	432.6066	426.01367	23.749983	24.186201	22.272083	-0.22328109	-0.06836638	-0.14726321	-0.14477178	1290.6763	418.1398	797.0597	2505.876
06-02-2022 22:28	49.92085	246.10378	254.51999	246.00763	433.82788	432.97324	426.43808	23.778934	24.569202	22.263565	-0.22348934	-0.08210235	-0.1465281	-0.1500981	1293.1866	524.6175	795.21265	2613.0166
06-02-2022 22:29	49.924393	246.46484	254.72678	246.02206	434.31702	432.8254	427.09772	23.806664	24.282473	22.225702	-0.22040416	-0.04950989	-0.15344657	-0.13901824	1281.2681	314.47766	834.0333	2429.779
06-02-2022 22:30	49.93617	246.64024	255.05612	246.3574	434.87253	433.44995	427.37653	23.84617	24.328472	22.334293	-0.22091655	-0.055029474	-0.14659964	-0.13895425	1286.1604	340.1425	797.0702	2423.373
06-02-2022 22:31	49.96409	246.77275	255.23276	246.31073	434.94485	433.782	427.42987	23.816753	24.259377	22.349836	-0.21860927	-0.052907813	-0.14271078	-0.13712914	1276.3292	327.82974	783.6903	2387.8494
06-02-2022 22:32	49.954082	246.43034	255.33983	246.08084	434.8558	433.44867	427.0465	23.84013	24.24698	21.346437	-0.2170256	-0.054357693	-0.22464506	-0.16092794	1266.3054	305.2206	1161.3663	2732.8926
06-02-2022 22:33	49.999386	246.839	255.85396	246.10371	435.303	434.0766	427.6091	23.868511	24.475231	21.281128	-0.21802805	-0.062012095	-0.2265604	-0.1642153	1268.5178	375.13544	1167.5864	2811.2397
06-02-2022 22:34	49.993683	247.34477	255.78543	246.15262	435.64166	434.19452	427.99448	23.798458	23.468906	21.368944	-0.22227639	-0.083487146	-0.21490556	-0.17122462	1294.2753	504.27612	1123.1602	2917.8367
06-02-2022 22:35	50.032177	247.93091	256.18903	246.62659	436.67252	435.13205	428.568	23.905682	23.97053	22.459576	-0.22174671	-0.09566445	-0.14464957	-0.15347627	1307.5996	584.0909	789.81287	2681.5034
06-02-2022 22:36	50.045803	248.21146	256.33228	246.6079	436.97708	435.0317	429.06018	23.93137	23.765522	21.906654	-0.2194888	-0.08530053	-0.17251159	-0.15803342	1290.4304	514.62213	923.3068	2728.3594
06-02-2022 22:37	50.03794	247.9793	255.97499	247.28716	436.7573	435.3797	429.08795	23.89781	23.18816	21.975159	-0.22112262	-0.10135413	-0.2009193	-0.17394285	1297.2222	609.8517	1075.2225	2982.2964
06-02-2022 22:38	50.024998	248.14807	255.96088	247.5857	437.05695	435.5364	429.41476	23.91592	23.471745	21.860779	-0.22463386	-0.106160045	-0.17119373	-0.16717203	1324.384	632.29346	915.6288	2872.3066
06-02-2022 22:39	50.021664	248.18886	255.94774	247.681	436.98068	435.68335	429.55634	23.967525	23.445251	21.892326	-0.21982878	-0.10814834	-0.17252646	-0.16641952	1295.272	644.795	924.47235	2864.539
06-02-2022 22:40	50.010227	247.77824	256.2098	247.611	436.72678	435.57855	429.53235	23.897745	23.182009	21.871998	-0.22188056	-0.10198064	-0.17234252	-0.16502523	1300.3815	602.36163	924.0604	2826.8037
06-02-2022 22:41	49.952614	247.78548	256.11462	247.29121	436.35632	435.46625	429.30984	23.809658	23.129663	21.844397	-0.22252868	-0.10460928	-0.22406948	-0.18227673	1293.1392	617.2421	1194.2388	3104.62
06-02-2022 22:42	49.964687	247.79745	256.35492	247.53772	436.67255	435.86768	429.45847	23.855927	24.315956	21.817072	-0.22313428	-0.088440366	-0.20626874	-0.16997416	1297.8242	548.03656	1103.007	2954.4614
06-02-2022 22:43	49.933224	248.24948	256.5244	247.64815	437.33133	435.92215	430.01022	23.975857	24.355549	21.796381	-0.22336194	-0.08955699	-0.20478857	-0.16999157	1310.7848	555.343	1092.1495	2958.2773
06-02-2022 22:44	49.915276	248.07758	256.42834	247.3955	437.21347	435.67282	429.48026	23.853848	23.939796	21.804762	-0.22134863	-0.07463813	-0.20379685	-0.16289197	1278.7096	454.94327	1086.3224	2819.9753
06-02-2022 22:45	49.886425	248.37277	256.1974	247.89705	437.55386	436.16617	429.62985	23.884134	24.101885	22.770834	-0.22502123	-0.07578041	-0.1393734	-0.14575194	1320.1953	465.1394	777.59143	2562.926
06-02-2022 22:46	49.911865	248.33832	256.05124	248.02573	437.19598	436.1145	429.94434	23.854258	24.08016	22.831997	-0.22655806	-0.0703777	-0.13298465	-0.14236945	1334.0164	425.89917	748.80505	2508.7207
06-02-2022 22:47	49.893444	248.42952	256.38126	247.60411	437.7569	435.8149	429.68604	23.845703	23.932878	22.851185	-0.2229264	-0.068185285	-0.13213128	-0.14018351	1307.4274	416.92722	738.93835	2463.293
06-02-2022 22:48	49.91081	248.44743	256.43283	248.09346	437.7781	436.4464	430.00122	23.925734	24.023027	23.470127	-0.22561504	-0.06853511	-0.111476175	-0.13445497	1314.772	423.29407	639.9316	2377.9978
06-02-2022 22:49	49.884636	248.51984	256.05365	247.98882	437.69745	436.10345	429.7125	24.700424	24.389975	23.488104	-0.1792871	-0.08420828	-0.109816104	-0.124424815	1081.6088	509.64816	628.2989	2219.5557
06-02-2022 22:50	49.87225	248.97827	256.0865	248.12677	437.93063	436.5689	430.10425	24.67537	23.60406	23.439486	-0.17806788	-0.11657122	-0.11013037	-0.13741949	1096.8904	714.28406	632.97095	2444.1453
06-02-2022 22:51	49.86668	248.97646	256.29532	247.81087	437.82162	436.5428	430.0521	24.591572	22.99203	22.372574	-0.17632423	-0.096773736	-0.17860797	-0.14922398	1062.4781	558.1409	975.0833	2595.7026
06-02-2022 22:52	49.8827	249.0976	256.29965	247.83078	437.65573	436.26807	430.7348	24.614746	23.129387	22.30125	-0.1766725	-0.103798755	-0.18176846	-0.15359785	1061.8673	595.3899	990.43884	2647.6958
06-02-2022 22:53	49.864468	248.93849	256.29224	247.84135	437.72058	436.09738	430.57126	24.609219	23.255005	22.346779	-0.17635761	-0.10555809	-0.17660737	-0.15240103	1070.9431	634.43634	967.3752	2672.7544
06-02-2022 22:54	49.904545	248.9597	256.30728	248.10005	437.72067	436.66846	430.51517	24.658932	23.35918	23.512856	-0.18030342	-0.105219916	-0.108020104	-0.131884	1095.3074	625.088	624.39886	2344.7944
06-02-2022 22:55	49.93923	249.495	256.44598	248.42932	438.79465	436.8745	430.97366	24.709484	23.309715	23.541542	-0.17803618	-0.1217153	-0.10894856	-0.13686632	1089.8911	722.8397	632.6116	2445.3423
06-02-2022 22:56	50.00168	249.9761	257.0388	248.75099	439.56152	437.6651	431.8335	24.82167	23.766209	23.522484	-0.1766071	-0.09994877	-0.114502326	-0.13079076	1084.3792	589.00696	659.2262	2332.6123
06-02-2022 22:57	50.02592	249.54321	256.9764	248.88731	439.2641	437.61905	431.55478	23.99821	24.146172	23.595177	-0.2278039	-0.11225835	-0.109957084	-0.14981145	1344.865	722.8381	642.7046	2710.4077
06-02-2022 22:58	49.99943	249.38585	257.18893	249.02167	439.26196	437.90253	431.60233	23.981667	24.345675	23.606768	-0.22511825	-0.0617433	-0.11116762	-0.13155945	1333.338	385.21762	646.2787	2364.8342

06-02-2022 22:59	49.996418	249.57742	257.61578	248.7175	439.56763	437.9987	431.74643	23.929293	24.352247	23.582714	-0.22269936	-0.06353378	-0.1124183	-0.13171865	1316.698	396.9137	652.06244	2365.674
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
06-02-2022 23:00	50.00089	249.68178	258.19888	248.46617	440.06418	438.10754	431.89716	23.930872	24.322855	22.414001	-0.21556363	-0.067738764	-0.19391122	-0.15680982	1279.4857	424.80267	1067.5951	2771.8835
06-02-2022 23:01	50.006104	249.58212	257.93854	248.70473	439.85208	438.15445	431.85184	23.972225	24.520954	22.03484	-0.21726704	-0.076804034	-0.21909223	-0.16766201	1283.8881	493.7512	1187.4529	2965.0923
06-02-2022 23:02	49.99558	249.71132	257.72574	248.3882	439.78976	437.7494	431.6273	23.956478	24.437515	21.965195	-0.2166087	-0.073701575	-0.21387725	-0.16482244	1284.0479	480.93625	1148.1289	2913.113
06-02-2022 23:03	49.967785	249.53992	257.4348	248.61646	439.38318	437.78967	431.58636	23.904886	24.26013	23.04977	-0.21850112	-0.063356355	-0.149317	-0.14221123	1289.4725	399.79517	839.7131	2528.9807
06-02-2022 23:04	49.947304	249.59424	257.59305	248.8287	439.84592	437.87302	431.77536	23.907347	24.927673	22.87605	-0.22185381	-0.0939601	-0.15410073	-0.15506819	1311.3196	598.6052	866.8373	2776.7622
06-02-2022 23:05	49.927567	249.41635	256.88412	248.89656	439.04303	437.46912	431.55997	23.924034	24.050709	22.887741	-0.22283046	-0.112350844	-0.1426409	-0.15898485	1317.2179	687.0845	804.8374	2809.1396
06-02-2022 23:06	49.945644	249.42972	256.91666	248.74536	439.23755	437.37845	431.27686	23.905376	23.66236	22.980415	-0.22540507	-0.097969264	-0.14798361	-0.15679035	1326.4602	592.1619	840.77545	2759.3975
06-02-2022 23:07	49.94182	249.26335	256.9804	248.58069	438.93573	437.30392	431.19006	23.882515	23.399593	22.96769	-0.22521196	-0.09133508	-0.14525132	-0.15371089	1328.9838	556.82104	818.43353	2706.1133
06-02-2022 23:08	49.917355	249.1615	257.0384	248.63101	438.7283	437.4964	431.2162	23.882671	23.669304	22.864244	-0.22532043	-0.10571117	-0.14901501	-0.15966581	1328.1976	641.08435	836.7596	2806.0415
06-02-2022 23:09	49.89785	249.08318	256.96094	248.50093	438.62808	437.2801	431.03775	23.827087	23.402328	22.939163	-0.22630249	-0.09257078	-0.14445233	-0.15455791	1338.5225	553.418	814.4064	2706.3467
06-02-2022 23:10	49.92062	249.34633	257.41397	248.49449	438.9857	437.76898	431.42142	23.828888	23.806896	21.868835	-0.22443348	-0.11358009	-0.21749523	-0.18333194	1320.2418	692.26373	1167.2778	3179.7832
06-02-2022 23:11	49.92602	249.74022	257.74017	248.32085	439.99384	437.51794	431.61243	23.86759	24.229296	21.852337	-0.22548622	-0.13338087	-0.21493457	-0.18957955	1316.2734	820.6311	1149.6224	3286.527
06-02-2022 23:12	49.92106	249.76894	257.70786	248.7938	439.7714	438.293	431.87366	23.905941	23.983742	21.847612	-0.22224055	-0.093809575	-0.2244339	-0.1776726	1326.0425	578.4589	1213.0377	3117.539
06-02-2022 23:13	49.95739	249.92772	257.87457	249.2363	440.43896	438.3786	432.44574	24.041454	24.765474	23.019827	-0.22554018	-0.05906159	-0.14709398	-0.1414921	1333.5071	373.81497	833.463	2540.7852
06-02-2022 23:14	49.98287	249.98074	257.99762	249.08803	440.4801	438.4551	432.37878	24.048447	24.694233	22.466694	-0.22157067	-0.056655016	-0.17296398	-0.14782266	1319.739	368.2683	953.25433	2641.2617
06-02-2022 23:15	50.03131	250.33269	258.60922	249.36075	441.20123	439.22473	433.0304	24.08415	24.416752	21.55933	-0.22166416	-0.044025756	-0.21602266	-0.15634644	1313.608	268.628	1151.092	2733.2344
06-02-2022 23:16	50.032703	250.26907	258.7764	249.25806	441.1283	439.3004	433.0291	24.082201	24.48259	21.515863	-0.21941124	-0.051861502	-0.218601	-0.15896371	1301.335	348.40594	1152.8955	2802.6365
06-02-2022 23:17	50.01649	250.14478	258.89194	249.29034	441.10092	439.50974	432.89062	24.071196	24.459091	21.519787	-0.21961588	-0.046443213	-0.2159172	-0.15531373	1311.8257	292.5606	1137.706	2742.0923
06-02-2022 23:18	50.014824	250.35132	258.9418	249.30104	441.38763	439.55518	433.02194	24.06296	24.312803	21.526375	-0.21766764	-0.038813777	-0.20870987	-0.15108211	1300.15	243.6984	1105.2488	2649.0972
06-02-2022 23:19	49.99551	250.29378	259.15964	249.06212	441.37802	439.52512	432.926	24.01861	24.802616	20.57663	-0.21621047	-0.061281063	-0.28673655	-0.18003747	1288.3295	390.44214	1448.314	3127.0854
06-02-2022 23:20	49.971985	250.23938	259.0013	248.75238	441.187	439.06665	432.6698	23.974224	24.273693	20.4776	-0.21638273	-0.04527886	-0.2951783	-0.17702365	1284.6278	284.1484	1481.7018	3050.478
06-02-2022 23:21	49.988434	250.46265	258.9608	248.92339	441.19168	439.3368	433.00592	23.959635	23.439215	20.522785	-0.21987744	-0.07136031	-0.28367692	-0.18601422	1301.3031	437.3634	1428.7075	3167.3743
06-02-2022 23:22	49.98124	250.88779	258.9046	249.66107	441.88373	439.76434	433.8004	24.039825	23.541801	21.518469	-0.22249566	-0.06895538	-0.20622328	-0.16340415	1319.6704	419.80005	1092.8926	2832.363
06-02-2022 23:23	49.96295	250.81676	259.07565	249.18759	441.9266	439.48486	433.39398	23.993534	23.746073	21.429115	-0.21979025	-0.07980456	-0.20434566	-0.16669707	1307.9185	504.3462	1081.6401	2893.9048
06-02-2022 23:24	49.970345	250.81761	258.88275	249.49147	441.6055	439.8342	433.5581	23.990744	23.203949	21.413628	-0.22216636	-0.096777126	-0.21087475	-0.17512517	1323.794	588.64075	1106.3103	3018.745
06-02-2022 23:25	49.9417	250.57661	258.69162	249.68633	441.29193	439.65002	433.6398	23.995205	23.562328	21.920092	-0.22275925	-0.10746511	-0.17767271	-0.16865134	1329.8008	648.71936	964.81836	2943.3384
06-02-2022 23:26	49.97381	250.43993	258.88516	249.89363	441.38568	440.03653	433.61966	24.904026	23.710724	22.037865	-0.17937219	-0.1148563	-0.17456837	-0.15514259	1108.7128	686.2255	948.43744	2743.376
06-02-2022 23:27	50.015316	251.26039	259.03845	250.13707	442.34445	440.31952	434.4843	24.948284	23.709911	22.019817	-0.1734297	-0.110387236	-0.17418134	-0.15199682	1076.1931	672.4725	945.9829	2694.6484
06-02-2022 23:28	49.992424	251.07431	258.983	249.80118	442.0083	440.21667	433.92795	24.860785	23.262255	21.48679	-0.17141467	-0.09294297	-0.22436845	-0.16044629	1061.8099	551.9112	1187.7076	2801.4287
06-02-2022 23:29	50.02188	251.38847	259.25418	249.84186	442.6783	440.26102	434.29752	24.964172	24.3132	21.561066	-0.17295425	-0.07497651	-0.21919939	-0.1522792	1073.5094	469.7946	1166.2281	2709.5322
06-02-2022 23:30	50.031548	251.4888	259.47958	250.00099	442.84393	440.60712	434.62457	24.994415	24.344955	21.568985	-0.17189334	-0.07730183	-0.2154794	-0.15157664	1068.9309	487.25922	1148.6888	2704.8792
06-02-2022 23:31	50.026367	251.63387	259.3102	250.21533	442.98508	440.7094	434.71094	24.964952	24.104828	22.639076	-0.17358875	-0.06320116	-0.14085232	-0.12477027	1080.7844	381.2649	788.1324	2250.1816
06-02-2022 23:32	50.02862	251.55295	259.27936	250.0352	442.64984	440.62473	434.6244	24.967592	24.041874	22.624447	-0.17399822	-0.061751276	-0.14672177	-0.12681319	1073.92	384.8476	822.4578	2284.8506
06-02-2022 23:33	50.00338	251.29549	259.12085	250.1451	442.48505	440.48248	434.4011	24.084106	24.794643	22.512524	-0.22265926	-0.09471229	-0.14290194	-0.14921515	1327.1691	544.4374	798.4101	2670.0166
06-02-2022 23:34	49.979996	251.15497	259.01895	250.07445	442.2311	440.46915	434.12796	24.035908	24.526346	22.51254	-0.22271506	-0.08726668	-0.14290358	-0.14990926	1326.034	556.33594	788.2909	2670.6611
06-02-2022 23:35	49.974194	251.24506	259.2851	249.93993	442.31372	440.67685	434.22272	24.048864	24.36001	23.70475	-0.22025415	-0.07224936	-0.10737591	-0.13325	1321.523	466.6624	627.58	2415.7654
06-02-2022 23:36	49.994812	250.70941	258.11856	249.4388	440.93155	439.378	433.08557	23.954905	23.225405	23.685558	-0.21974795	-0.090465024	-0.12962408	-0.14684448	1310.0201	540.80084	756.1608	2606.982
06-02-2022 23:37	50.037678	250.93451	258.46402	249.46661	441.44125	439.63748	433.3543	23.954193	23.093395	22.586412	-0.22084501	-0.11022148	-0.18098319	-0.1704276	1313.9478	656.5589	1005.87225	2976.379
06-02-2022 23:38	50.03893	251.42105	258.62177	249.63925	441.9424	439.84644	434.05606	24.028507	23.18817	22.567146	-0.21993017	-0.11251992	-0.17538024	-0.16913675	1314.2957	672.4798	985.158	2971.9336
06-02-2022 23:39	50.01875	251.30461	258.57217	249.5443	441.66202	439.88455	433.84705	23.977358	23.168211	22.534374	-0.21965456	-0.1107842	-0.17444277	-0.16848125	1317.0498	660.02905	966.41736	2943.496
06-02-2022 23:40	50.040764	251.26054	258.63144	249.90944	442.06577	439.9673	434.019	24.036358	23.665234	22.51596	-0.21899244	-0.12830725	-0.18253039	-0.17616713	1308.1293	780.5536	1013.7717	3102.4546
06-02-2022 23:41	50.036274	251.28506	258.4118	250.51556	442.09848	440.35397	434.30872	24.08182	23.769444	23.698002	-0.22300643	-0.12727392	-0.112403214	-0.1543453	1334.7992	775.4206	659.3666	2769.5862
06-02-2022 23:42	50.020817	251.14046	258.46472	250.35791	441.9145	440.3406	434.07617	24.03826	23.2829	23.700745	-0.22585355	-0.10958524	-0.10829903	-0.14809518	1348.871	657.64276	634.8696	2641.3833
06-02-2022 23:43	50.01094	251.30232	258.6621	250.40057	442.2366	440.61365	434.17926	24.0351	23.668186	23.73542	-0.22524507	-0.08709221	-0.108757906	-0.14017698	1345.1329	531.04517	638.06445	2514.2427
06-02-2022 23:44	50.005276	250.89105	258.76025	250.35658	442.111	440.32855	433.96997	24.120113	24.606785	23.707907	-0.22649388	-0.06193657	-0.11154326	-0.13206635	1354.6434	392.50256	654.049	2401.195
06-02-2022 23:45	50.03104	250.88867	258.94888	250.39034	442.13684	440.57812	434.0767	24.132675	24.42524	23.663637	-0.22466908	-0.05789841	-0.11742379	-0.13229519	1348.7391	365.44968	686.8674	2401.0562
06-02-2022 23:46	50.02109	251.11057	259.10495	249.90776	442.49564	440.43256	433.68918	24.163904	24.958508	23.685589	-0.2268269	-0.07954474	-0.112123124	-0.13834187	1366.0627	504.88165	656.8945	2527.839
06-02-2022 23:47	49.996803	251.12384	259.30063	249.63213	442.48328	440.2149	433.80197	24.047657	24.364998	22.554913	-0.2214694	-0.059749212	-0.18107525	-0.15175986	1324.5399	382.25568	1009.9008	2716.6965
06-02-2022 23:48	49.98453	251.0574	259.10266	250.0696	442.40546	440.49985	433.89352	24.048058	24.846989	22.525131	-0.22340213	-0.085627615	-0.17785549	-0.16011006	1341.1096	537.76965	985.83734	2864.7166
06-02-2022 23:49	50.002796	251.45665	259.37637	250.21968	442.88858	440.79517	434.53836	24.069218	24.387009	22.47342	-0.22240755	-0.06633048	-0.1839469	-0.15528817	1331.02	424.62875	1029.749	2785.398
06-02-2022 23:50	49.981056	251.39928	259.29037	250.5259	442.86578	441.05222	434.58612	24.091171	24.76123	23.691961	-0.22695275	-0.076508306	-0.11409407	-0.1380269	1362.9761	500.2864	661.54913	2524.8118
06-02-2022 23:51	50.015236	251.57288	259.61697	250.66089	443.30685	441.392	434.9061	24.08921	24.385862	23.150454	-0.22436465	-0.060197122	-0.13742672	-0.13933195	1347.2148	380.08975	787.75323	2515.0576
06-02-2022 23:52	50.034985	251.79741	259.66138	250.8213	443.45807	441.81625	435.0762	24.10101	23.638803	23.187246	-0.22694273	-0.09345525	-0.13626297	-0.15209252	1357.7322	568.64343	781.65295	2708.0286
06-02-2022 23:53	50.02831	251.5437	259.56238	250.90558	443.28067	441.6633	434.94012	24.08963	23.734941	23.11532	-0.22691488	-0.09670898	-0.14322798	-0.15535106	1362.9791	600.0326	818.4836	2781.4954
06-02-2022 23:54	50.03656	252.06558	259.9663	251.18724	444.01572	442.24893	435.71027	24.10688	24.008207	23.222704	-0.22794038	-0.08623737	-0.13556942	-0.14923	1367.8856	537.57007	779.83167	2685.2876
06-02-2022 23:55	50.013805	252.0543	259.92877	251.38861	444.07202	442.2652	435.8993	24.089989	24.258928	23.215725	-0.22567992	-0.1003439	-0.13580513	-0.15379222	1364.7961	630.54193	782.0495	2777.3877
06-02-2022 23:56	50.017788	252.06151	260.20538	251.30449	444.24512	442.45877	435.8812	24.093912	24.397442	22.08844	-0.22276163	-0.10440642	-0.20731679	-0.1761307	1334.9799	652.4054	1134.911	3122.2961
06-02-2022 23:57	50.010357	252.4666	260.4721	251.59706	444.81982	442.8492	436.58386	24.066477	23.67097	22.030975	-0.22384548	-0.070706986	-0.20977072	-0.1658614	1343.7402	438.25107	1142.7755	2924.7668
06-02-2022 23:58	50.023228	252.95338	261.11948	251.68199	445.801	443.357	437.20795	24.090012	23.90445	22.154716	-0.22305219	-0.077753715	-0.20591626	-0.16704817	1348.7537	481.42517	1132.4843	2962.663
06-02-2022 23:59	50.020218	253.5634	261.2455	252.9152	446.63702	444.64365	438.4921	24.198227	23.968145	23.26376	-0.22754747	-0.07617443	-0.13401727	-0.14597234	1386.8572	469.5763	788.82806	2645.2615
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
07-02-2022 00:00	50.042343	254.08504	261.93372	253.47751	447.74908	445.64325	439.45013	24.27459	24.748394	23.3219	-0.22618937	-0.04134133	-0.13357322	-0.13192141	1381.3282	272.85867	779.70544	2433.2676
07-02-2022 00:01	50.061325	256.3932	264.16763	255.2742	451.65817	449.11215	443.05304	25.345709	24.907701	23.459454	-0.18182671	-0.044568926	-0.14364073	-0.12227259	1180.7513	285.7419	845.8481	2312.3413
07-02-2022 00:02	50.05877	256.18567	263.8539	255.16995	451.28363	448.8053	442.65118	25.368757	24.938274	24.121738	-0.18503137	-0.04597583	-0.10884133	-0.112843394	1188.776	301.30548	661.3335	2151.415
07-02-2022 00:03	50.04886	255.66524	263.48618	254.68402	450.31934	448.21454	441.8281	25.286392	25.461506	24.012835	-0.18542384	-0.067187294	-0.10735581	-0.11910331	1178.81	446.59317	649.096	2274.4993
07-02-2022 00:04	50.039474	254.74481	262.5403	253.57475	448.53845	446.60437	440.06744	25.237816	25.131435	24.037992	-0.18207687	-0.057328623	-0.114678524	-0.11735356	1158.2295	376.413	690.25037	2224.8928
07-02-2022 00:05	50.02839	253.08446	261.16608	251.59726	445.84134	443.71585	436.97644	25.047558	24.734629	22.674553	-0.17437018	-0.052007083	-0.1893604	-0.13507387	1091.3035	331.45444	1066.6982	2489.456
07-02-2022 00:06	49.985207	252.28618	260.0695	250.73544	444.2864	441.83618	435.632	24.986818	24.564297	22.597647	-0.17473279	-0.04609894	-0.17139818	-0.12871839	1093.459	290.17368	956.53784	2340.1707
07-02-2022 00:07	50.002277	252.21771	260.295	251.03877	444.46475	442.20392	435.8823	25.002663	24.604107	22.614376	-0.17555639	-0.04602137	-0.17267288	-0.12932627	1098.0297	296.5102	970.1324	2364.6724
07-02-2022 00:08	49.968086	252.864	260.17944	251.56151	444.851	442.88943	436.6336	24.960052	23.719883	23.803116	-0.17762886	-0.07231161	-0.109453775	-0.12011639	1106.9691	446.80026	647.86255	2201.6318
07-02-2022 00:09	49.945637	252.0186	259.8476	250.69295	443.6782	441.7734	435.38074	24.892025	23.796034	22.567623	-0.2207996	-0.081641585	-0.15150534	-0.15152563	1366.3313	490.8643	841.8341	2699.0295
07-02-2022 00:10	49.983814	251.69089	259.89542	249.98174	443.20227	441.1515	434.7631	24.87104	23.762257	22.612295	-0.21779005	-0.12168062	-0.14632195	-0.16263177	1350.686	763.34216	822.6781	2936.7063
07-02-2022 00:11	49.96676	251.75554	259.77454	250.27205	443.14438	441.3153	435.05954	24.790537	23.300705	22.614422	-0.21613063	-0.101857625	-0.15107411	-0.15699862	1341.1323	608.7427	842.2698	2792.1448
07-02-2022 00:12	49.97773	251.0929	259.05194	249.5736	441.9506	440.16333	433.79764	24.797356	23.33418	22.616901	-0.21585013	-0.102549955	-0.14494446	-0.15519272	1331.1392	617.4587	807.68097	2756.2788
07-02-2022 00:13	49.982727	250.59647	258.8234	249.22806	441.25955	439.741	433.05862	24.788605	23.479746	22.53814	-0.21656169	-0.1041789	-0.15149008	-0.15803286	1331.7249	626.0644	840.0459	2797.835
07-02-2022 00:14	50.026688	251.18175	258.87424	249.36243	441.99255	439.93524	433.46768	24.808022	23.170254	22.651178	-0.21617304	-0.093310274	-0.14588764	-0.15261628	1334.572	557.91797	813.15796	2705.648
07-02-2022 00:15	50.028786	250.89842	258.70627	248.83528	441.42352	439.3217	432.95496	24.78444	23.301908	21.510574	-0.21185905	-0.105313025	-0.21846908	-0.17718126	1304.4756	632.3133	1154.482	3091.271
07-02-2022 00:16	50.039894	251.04529	258.99863	249.2182	441.91446	439.72256	433.48553	24.84795	24.171543	21.493896	-0.21322908	-0.07562724	-0.2192862	-0.16655892	1317.7155	472.00223	1160.7715	2950.4893
07-02-2022 00:17	50.035015	250.96753	258.8827	249.07469	441.79016	439.40485	433.3426	24.81413	24.592688	21.042526	-0.2114835	-0.091737695	-0.27014545	-0.18780525	1301.2898	621.8647	1395.1589	3318.3135
07-02-2022 00:18	50.03704	251.12059	258.8633	249.36398	441.9919	439.62473	433.6523	24.834278	24.417933	22.049486	-0.21343865	-0.084923096	-0.17865165	-0.15771608	1316.2971	527.32654	968.0169	2811.6406
07-02-2022 00:19	50.032	251.2152	259.1589	249.33466	442.16568	439.9559	433.77402	24.854765	24.024656	22.13424	-0.21216707	-0.06789137	-0.18211357	-0.15372375	1315.4802	434.34753	995.3858	2745.2136
07-02-2022 00:20	50.007416	251.2267	259.03818	249.3993	442.05923	439.99774	433.7614	24.866096	24.084473	22.066578	-0.21772201	-0.09492374	-0.18147224	-0.16387667	1347.4761	590.24115	985.00073	2922.7178
07-02-2022 00:21	49.99137	251.15857	259.24023	248.85577	441.95844	439.76666	433.38626	24.820158	23.987362	22.01638	-0.21537146	-0.08925631	-0.18533154	-0.16251285	1329.3062	560.3352	1001.4972	2891.1387
07-02-2022 00:22	49.97001	251.05965	258.78094	249.06013	441.6976	439.52582	433.27386	24.818289	24.036785	22.061466	-0.21964505	-0.09327382	-0.17826962	-0.162668	1350.4723	578.619	966.1433	2895.2346
07-02-2022 00:23	49.94741	250.7724	258.45847	248.80768	440.99725	439.19275	432.81296	24.714785	23.094666	21.963112	-0.22095178	-0.12122085	-0.18142441	-0.17483164	1357.3027	721.208	980.8834	3059.3943

07-02-2022 00:24	49.932056	250.7705	258.68582	248.58685	441.24753	438.90533	432.85733	24.689304	23.185867	20.968826	-0.21861994	-0.12755607	-0.2567115	-0.19845498	1341.3909	761.9294	1320.9698	3424.29
07-02-2022 00:25	49.969547	250.78581	258.51517	248.83566	441.2833	438.98706	432.90213	24.749405	23.632805	20.932558	-0.21697687	-0.14351287	-0.26075622	-0.204274	1335.0316	870.89044	1341.4126	3547.3345
07-02-2022 00:26	49.994415	251.0559	258.90024	248.90546	441.65018	439.52774	433.25143	24.750507	23.061508	21.045172	-0.21853673	-0.12059555	-0.25380972	-0.19533606	1345.2094	718.37646	1312.6342	3376.2202
07-02-2022 00:27	50.0205	251.2022	258.6937	249.41293	441.97195	439.64954	433.58105	24.844486	23.12674	22.06317	-0.22092521	-0.117540576	-0.18334866	-0.17335102	1358.3478	699.22516	990.0269	3047.5999
07-02-2022 00:28	50.02507	251.67003	259.07925	249.60933	442.5976	440.1622	434.26044	24.827406	23.177568	21.590445	-0.2194821	-0.11716079	-0.21130995	-0.18198721	1364.0911	698.07336	1122.2623	3184.4265
07-02-2022 00:29	50.05657	251.66266	259.32108	249.58022	442.71194	440.41614	434.24985	24.86361	23.528349	21.67974	-0.21764214	-0.09365868	-0.21643394	-0.17449112	1357.5891	583.57446	1166.2444	3107.4077
07-02-2022 00:30	50.057423	251.56004	259.00983	249.78384	442.35632	440.28864	434.36435	24.907206	23.900257	22.652145	-0.22107376	-0.10620398	-0.16962397	-0.16567768	1373.3523	643.65533	956.78674	2970.5757
07-02-2022 00:31	50.04012	251.07469	259.47543	249.92252	442.3569	440.80344	434.0599	24.898777	24.407148	22.624485	-0.2176126	-0.06297667	-0.17259769	-0.14975694	1356.1682	403.62573	955.18726	2714.981
07-02-2022 00:32	50.008144	250.8386	258.94965	249.62381	441.88315	439.87134	433.62527	24.856989	24.976194	22.552816	-0.22115591	-0.088144	-0.17369226	-0.15868488	1364.4766	550.23694	966.6187	2881.3325
07-02-2022 00:33	50.011135	250.91672	259.1012	248.89047	441.89716	439.3656	433.2474	24.814838	25.042816	21.470943	-0.2174677	-0.09894117	-0.2569659	-0.18352096	1340.0833	586.1877	1351.4746	3277.7456
07-02-2022 00:34	49.993526	250.96211	259.09866	249.19061	442.0039	439.70273	433.39844	24.819393	24.31163	21.54086	-0.21683393	-0.06878095	-0.24523371	-0.17292787	1338.8704	432.24298	1300.3163	3071.4294
07-02-2022 00:35	50.00267	250.8339	259.0921	249.15988	441.84814	439.65237	433.31723	24.805326	24.59569	21.562363	-0.21661541	-0.08144713	-0.24535494	-0.17693758	1336.6562	516.08167	1301.7015	3154.4395
07-02-2022 00:36	50.002865	250.82745	259.0057	249.5492	441.89935	439.9652	433.46664	24.85092	24.602196	22.586342	-0.21794261	-0.055327717	-0.17299156	-0.14706045	1347.6837	307.90225	957.4824	2613.0684
07-02-2022 00:37	49.97449	251.09213	259.11288	249.2876	441.91864	439.99106	433.61203	25.735203	24.479885	22.555368	-0.17462154	-0.053105123	-0.17670365	-0.13322671	1122.7749	354.28592	976.37354	2453.4346
07-02-2022 00:38	49.987953	251.2807	259.2309	249.32431	442.20392	440.0603	433.85162	25.741398	24.445608	22.66785	-0.17519154	-0.049716268	-0.17184985	-0.1317033	1120.7728	332.98276	957.77454	2411.53
07-02-2022 00:39	49.99132	251.27103	258.84076	249.48688	441.9916	439.9495	433.7633	25.733334	24.097757	23.170454	-0.18007013	-0.10871887	-0.143655	-0.14456783	1156.4747	678.30115	819.8233	2654.5994
07-02-2022 00:40	49.99511	251.27867	258.9464	249.70056	442.1575	440.20847	433.90506	25.716097	24.112204	23.13614	-0.17964529	-0.09829858	-0.14353602	-0.14085996	1151.8153	609.58105	818.5243	2579.9207
07-02-2022 00:41	50.01228	251.30202	259.0751	249.79356	442.31638	440.3848	433.995	25.712433	24.013638	23.13042	-0.17322142	-0.09135232	-0.15025295	-0.1379777	1106.1929	561.83813	858.08014	2526.111
07-02-2022 00:42	50.01402	251.57048	259.33362	249.49031	442.49298	440.3895	434.20056	25.679035	23.799833	22.117956	-0.16949722	-0.08805055	-0.21822514	-0.15642272	1086.059	541.40436	1188.6473	2816.1108
07-02-2022 00:43	49.98942	251.40578	259.1914	249.40628	442.2595	440.13135	434.0142	25.63123	23.551384	22.059296	-0.17145692	-0.075975105	-0.2125094	-0.15101708	1088.8066	460.93246	1154.3638	2704.1028
07-02-2022 00:44	50.001774	251.3893	259.1778	249.09402	442.2416	439.81403	433.75806	25.646307	23.569353	22.67744	-0.16991886	-0.07527493	-0.17799172	-0.14048408	1082.8585	473.3343	1000.4706	2556.6633
07-02-2022 00:45	49.97165	251.04839	258.97824	249.49934	442.10913	439.88718	433.58365	24.806885	23.99171	23.613213	-0.2228887	-0.08975252	-0.12443458	-0.1460902	1374.2007	556.5592	726.4177	2657.1777
07-02-2022 00:46	49.992146	251.24188	258.90625	250.10162	442.45102	440.31268	434.06726	24.833454	23.964594	23.658794	-0.22131373	-0.08505949	-0.11324295	-0.14037463	1368.4763	525.35455	662.4968	2556.3276
07-02-2022 00:47	50.00393	251.44327	259.37744	250.5373	443.1389	440.98016	434.6314	24.897182	25.11224	23.70671	-0.21786079	-0.07033631	-0.11710925	-0.13450667	1352.5966	454.86206	681.29425	2491.6592
07-02-2022 00:48	50.01855	251.68948	259.6424	250.71638	443.48016	441.46844	434.99875	24.91727	25.097637	23.77286	-0.21841958	-0.06646946	-0.11543022	-0.1328369	1361.9907	441.61823	676.63885	2480.2478
07-02-2022 00:49	50.03318	251.62152	259.56427	250.56552	443.33084	441.34225	434.76138	24.882078	24.493353	23.717136	-0.2186481	-0.038939938	-0.117746174	-0.12463372	1348.3501	239.59552	691.8354	2279.7808
07-02-2022 00:50	50.01813	251.64148	259.47305	250.50237	443.35742	441.1915	434.653	24.724594	24.620567	23.794731	-0.19517426	-0.045432806	-0.11445044	-0.11762266	1203.7078	298.05267	669.3856	2171.146
07-02-2022 00:51	50.02674	251.72997	259.75775	250.25636	443.37222	441.2493	434.8011	24.696379	24.899244	22.701244	-0.1912265	-0.06379375	-0.190742	-0.14699374	1182.9025	414.15552	1070.2275	2667.2854
07-02-2022 00:52	50.034172	251.90059	260.00888	250.34035	443.7255	441.4746	435.09842	24.686834	24.601488	22.636585	-0.19111346	-0.050964694	-0.18065429	-0.1386074	1179.9327	324.6737	1010.5349	2515.1414
07-02-2022 00:53	50.03343	252.08	260.1855	250.40341	443.9625	441.81903	435.24506	24.688358	24.76051	22.621534	-0.19099505	-0.05652018	-0.18620536	-0.14199083	1177.6531	363.2047	1041.211	2582.069
07-02-2022 00:54	50.02869	252.06047	259.8869	250.52905	443.86942	441.51648	435.30374	24.660439	24.125511	22.653275	-0.1946094	-0.093722515	-0.17647985	-0.15338087	1194.4238	579.6316	989.86755	2763.923
07-02-2022 00:55	50.02822	252.28545	259.71808	250.9093	444.05685	441.82837	435.55942	24.712402	24.167995	23.747406	-0.19732969	-0.08938309	-0.107681975	-0.13170075	1223.7023	544.64355	627.7132	2396.059
07-02-2022 00:56	50.040787	252.07034	260.07797	250.60411	443.85614	441.8216	435.4896	24.75478	24.18556	23.772127	-0.19796729	-0.09229562	-0.11009457	-0.13271488	1222.9274	556.4277	648.5883	2427.9434
07-02-2022 00:57	50.048798	252.3749	259.9276	251.13052	444.1305	442.28632	435.92813	24.75634	23.792843	23.704834	-0.20021711	-0.11344234	-0.111969076	-0.1412632	1241.5232	670.8862	661.1433	2573.5527
07-02-2022 00:58	50.051907	252.77638	260.2941	251.39403	444.79108	442.70627	436.6326	24.750635	23.754053	23.81947	-0.19980341	-0.10739527	-0.10417909	-0.13832125	1248.2273	662.9512	618.72003	2529.8987
07-02-2022 00:59	50.033073	253.0612	260.29315	251.44113	445.13452	442.83383	436.73657	24.744839	23.492205	23.828526	-0.20206638	-0.0988582	-0.10709818	-0.13686624	1257.4216	603.03894	634.557	2495.0176

Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
07-02-2022 01:00	50.017384	253.63916	261.004	252.27625	446.26044	444.0797	438.0415	24.796972	23.632778	23.898241	-0.20237109	-0.10374156	-0.10603967	-0.13802904	1265.5662	656.57684	635.8047	2557.9478
07-02-2022 01:01	50.03688	254.32555	261.83536	252.64752	447.48187	444.99954	439.1721	24.835798	23.935574	22.714592	-0.20041054	-0.117048	-0.17365092	-0.16346489	1251.1168	734.4982	994.7265	2980.3416
07-02-2022 01:02	50.005455	255.1705	262.572	253.42302	449.0489	446.31897	440.37048	24.90059	24.841671	22.665758	-0.20096663	-0.112482324	-0.1806154	-0.16363558	1262.9242	709.9756	1023.28125	2996.1812
07-02-2022 01:03	49.998528	254.34583	261.6398	252.35994	447.37244	444.6781	438.80386	24.840286	24.17886	22.69828	-0.20097445	-0.08672279	-0.17345761	-0.15288496	1261.5325	551.5998	977.6914	2790.8237
07-02-2022 01:04	50.004345	253.29324	260.8788	251.93803	445.91324	443.57574	437.49188	24.20327	24.68088	22.705782	-0.2345727	-0.101231605	-0.15139708	-0.16157433	1424.3091	639.9854	854.84814	2918.9238
07-02-2022 01:05	49.979076	252.01881	259.76614	250.67719	443.89215	441.488	435.28397	24.103313	24.455633	22.06831	-0.23170821	-0.09528897	-0.17439763	-0.16585413	1395.7612	599.2217	953.08374	2948.0667
07-02-2022 01:06	49.9855	252.08171	259.75397	250.85356	443.91742	441.6578	435.481	24.126375	24.279482	21.993603	-0.23230846	-0.092838384	-0.18200971	-0.16752085	1399.7423	583.4605	992.2449	2975.4478
07-02-2022 01:07	50.00936	251.82835	259.77594	250.65761	443.6761	441.5153	435.12646	24.140835	24.534386	22.027119	-0.23136732	-0.09972521	-0.17458557	-0.16719694	1393.9485	630.9678	951.8397	2976.7559
07-02-2022 01:08	50.016087	251.60591	259.91455	250.05228	443.4268	441.03888	434.66052	24.120905	24.674408	22.005642	-0.2316771	-0.11171246	-0.17386782	-0.17115927	1395.9031	739.01794	952.03284	3086.9536
07-02-2022 01:09	50.003292	251.49684	259.50244	250.27777	443.22345	440.85208	434.53647	24.125196	24.53515	22.036982	-0.23196484	-0.10553774	-0.17399284	-0.16922721	1393.4341	684.83124	957.90045	3036.1658
07-02-2022 01:10	49.99555	251.54938	259.51904	249.75813	442.93024	440.58228	434.3208	24.047657	23.27358	20.995228	-0.23038702	-0.120098814	-0.25733882	-0.1998818	1376.8395	689.5322	1319.154	3385.526
07-02-2022 01:11	49.98897	251.46405	259.25116	249.28459	442.3802	440.08932	433.93106	24.007227	23.207169	20.978111	-0.22734416	-0.117940344	-0.24586123	-0.19464862	1361.6045	705.31177	1277.365	3344.2812
07-02-2022 01:12	49.986572	251.16058	259.10138	249.15553	442.1167	439.7865	433.49045	23.991112	23.118176	21.058207	-0.22754441	-0.11443051	-0.2502416	-0.19486451	1357.7369	678.5275	1296.8364	3333.1008
07-02-2022 01:13	49.990047	251.14514	258.6388	249.02153	441.63144	439.37744	433.32193	24.893778	23.190126	22.00607	-0.18644527	-0.11483237	-0.16709045	-0.1561521	1152.8564	689.276	899.63934	2741.772
07-02-2022 01:14	50.006447	251.15034	258.68842	249.04561	441.7399	439.44833	433.2808	24.93542	23.256996	22.003916	-0.18578249	-0.11561785	-0.17705283	-0.15921748	1152.2521	684.22845	954.1526	2790.6328
07-02-2022 01:15	49.997967	251.156	258.7083	249.2772	441.83755	439.57712	433.49808	24.89794	23.202293	22.05886	-0.18920441	-0.11519925	-0.16939095	-0.15763868	1167.822	689.7919	919.111	2776.7249
07-02-2022 01:16	50.02229	251.2137	258.78894	249.54622	442.03693	439.8675	433.7138	24.990616	24.03168	22.591385	-0.18801138	-0.1096925	-0.145054	-0.14776431	1169.2305	677.6632	807.72455	2654.6182
07-02-2022 01:17	50.03548	251.17049	258.8642	249.46352	442.03384	439.82535	433.67142	24.97781	23.529442	22.642017	-0.1872541	-0.08662474	-0.14380485	-0.1393471	1161.1481	526.16174	802.1942	2489.5042
07-02-2022 01:18	50.009804	250.73126	258.71115	249.33894	441.71826	439.31952	433.24982	24.971336	24.547432	22.564562	-0.18086433	-0.06660812	-0.15252991	-0.13219315	1119.1926	424.21017	852.55725	2395.96
07-02-2022 01:19	50.019325	250.92987	259.56284	248.96944	442.37982	439.63306	433.45697	24.958118	24.783648	21.581665	-0.17751652	-0.058105342	-0.22659071	-0.14939922	1102.943	355.4637	1200.5026	2658.9092
07-02-2022 01:20	50.03538	251.22575	259.24197	249.40846	442.54663	439.94888	433.69293	24.972519	24.841347	21.558022	-0.1787159	-0.058181364	-0.21914196	-0.14767069	1106.2604	322.88956	1157.8701	2587.02
07-02-2022 01:21	50.009365	250.63008	259.04648	249.13844	441.84677	439.44888	433.05405	24.046877	24.520191	21.564999	-0.22687541	-0.043797053	-0.22016872	-0.15955327	1353.7427	283.94843	1170.2391	2807.9302
07-02-2022 01:22	49.98152	250.51135	258.59918	249.2068	441.53937	439.11526	432.83145	24.044924	24.657621	22.546541	-0.2271348	-0.048093874	-0.15992199	-0.140681	1356.3954	286.62	876.72986	2519.7454
07-02-2022 01:23	49.97533	250.55447	258.6127	249.3368	441.67706	439.1365	432.99393	24.044159	24.892046	22.491539	-0.22547361	-0.05789331	-0.14759593	-0.14274198	1347.7725	388.45752	818.35266	2554.5828
07-02-2022 01:24	49.986145	250.81248	258.6632	249.60156	441.92184	439.60812	433.27203	24.087637	24.89262	23.643204	-0.2285687	-0.056403615	-0.11626253	-0.13209407	1367.8309	361.346	678.78406	2407.961
07-02-2022 01:25	49.98573	251.1561	258.34705	249.53856	441.82938	439.43243	433.4765	24.043348	23.790363	23.654001	-0.23074968	-0.07300558	-0.11091579	-0.13780326	1379.481	442.61154	646.86816	2468.9604
07-02-2022 01:26	50.004932	251.35878	258.54922	249.70622	442.2387	439.75427	433.73785	24.05236	23.806965	23.603962	-0.22817509	-0.072368324	-0.120213464	-0.139693	1361.75	443.54233	701.29614	2506.5884
07-02-2022 01:27	50.03859	251.34837	258.6834	249.77101	442.13153	440.08676	433.83975	24.072418	23.89385	23.729105	-0.22692698	-0.07439789	-0.11028834	-0.13659993	1355.3882	457.98376	645.6459	2459.0178
07-02-2022 01:28	50.056587	251.46951	258.99237	249.55673	442.2965	440.1194	434.0159	24.073305	23.567122	22.71051	-0.22283427	-0.06254415	-0.1872999	-0.15641297	1334.105	380.0748	1047.6785	2761.8582
07-02-2022 01:29	50.031708	251.19687	258.8648	249.34003	442.05493	439.86337	433.44843	24.0626	23.686909	22.550758	-0.22219506	-0.070416145	-0.17545404	-0.15493701	1329.3342	430.07373	973.45557	2732.8635
07-02-2022 01:30	49.993687	250.97623	258.61435	249.22675	441.76846	439.39606	433.1884	24.034313	24.07949	22.44099	-0.22562002	-0.093633935	-0.18223105	-0.16587268	1345.9718	579.08234	1006.281	2931.3352
07-02-2022 01:31	49.997906	251.13777	258.6557	249.34268	441.94183	439.55582	433.40704	24.005257	24.17964	23.619583	-0.22638243	-0.083012834	-0.11716622	-0.14177138	1352.7034	512.2025	681.074	2545.98
07-02-2022 01:32	49.98157	251.13153	258.40216	249.55997	441.83737	439.56796	433.42422	23.883156	23.494177	23.642014	-0.22937872	-0.06210777	-0.11079871	-0.13392948	1368.7633	376.04132	645.298	2390.1028
07-02-2022 01:33	49.963776	251.05296	258.7438	249.35155	441.88907	439.7441	433.29446	24.029667	24.50758	23.096106	-0.22529908	-0.044527873	-0.14706649	-0.1370192	1339.1405	290.93835	834.3258	2464.4045
07-02-2022 01:34	49.970917	251.06784	258.8547	249.33246	441.9486	439.82855	433.3358	24.02257	24.501404	23.150478	-0.2266046	-0.041679867	-0.1443168	-0.13633092	1356.5052	276.14502	821.4219	2454.0723
07-02-2022 01:35	49.98768	251.06506	258.86163	249.37874	441.989	439.83502	433.37592	24.05041	24.563915	23.02305	-0.22798325	-0.04615485	-0.14890334	-0.13901538	1365.3606	281.53113	902.7795	2549.6714
07-02-2022 01:36	49.996662	251.18034	258.90903	249.51955	442.09525	440.03882	433.5908	24.059027	24.70794	23.11651	-0.22896461	-0.050131835	-0.14479135	-0.13931563	1367.9457	312.32126	820.76483	2501.0317
07-02-2022 01:37	50.02642	251.45238	259.51935	249.57101	442.68967	440.5189	434.1337	24.042591	24.68206	22.251417	-0.22514242	-0.051354762	-0.2292447	-0.16419739	1348.4265	327.2197	1250.0988	2925.7449
07-02-2022 01:38	50.03597	251.29843	259.14496	249.5752	442.4133	440.17352	433.84726	24.093569	24.940807	22.161577	-0.22591238	-0.06147214	-0.23437116	-0.16944465	1356.5931	387.53146	1279.6339	3023.7585
07-02-2022 01:39	50.048443	251.5337	259.40817	249.73897	442.85834	440.36108	434.35913	24.098467	24.394436	22.15179	-0.22493085	-0.03973169	-0.23922902	-0.1635941	1349.8489	250.49904	1305.7623	2906.1104
07-02-2022 01:40	50.04432	251.43153	259.0769	250.06517	442.6288	440.56662	434.1984	24.179184	24.606878	23.173397	-0.2286915	-0.043887492	-0.14430353	-0.13714902	1377.1385	278.68533	826.1077	2481.9314
07-02-2022 01:41	50.022987	251.465	258.861	249.88428	442.42938	440.30396	434.03104	24.067286	23.760689	23.10426	-0.23127972	-0.07657014	-0.1429162	-0.14983243	1386.3976	469.06134	814.8858	2670.3447
07-02-2022 01:42	50.033	251.02242	259.2674	249.50241	442.1706	440.15897	433.71173	24.034763	23.686924	22.634491	-0.22743066	-0.07892726	-0.17113224	-0.15824185	1360.0128	483.2155	953.80804	2797.0364
07-02-2022 01:43	50.0246	251.12009	259.26575	249.6146	442.34244	440.16647	433.89175	24.112995	23.61208	21.511452	-0.22568847	-0.09284034	-0.25773153	-0.18880126	1348.3044	566.6539	1365.9728	3280.9312
07-02-2022 01:44	50.003704	251.21986	258.7507	249.94147	442.22607	440.12677	433.89346	24.029213	23.409071	22.490244	-0.23165148	-0.12007742	-0.16346358	-0.17176954	1380.6538	721.4434	909.1553	3011.2524
07-02-2022 01:45	49.98029	251.11287	258.44223	249.95998	442.0176	439.84088	433.69873	24.002518	23.841354	22.428783	-0.23237899	-0.15507685	-0.16422881	-0.18415134	1389.1558	967.0645	905.11505	3261.6792
07-02-2022 01:46	49.987923	251.33163	258.58615	249.85683	442.2181	439.92545	433.86423	24.001722	23.861467	22.468376	-0.23296939	-0.15379226	-0.16405568	-0.18384027	1396.2762	946.99976	910.88617	3254.1624
07-02-2022 01:47	49.96556	251.385	258.93387	248.53304	442.13287	439.19916	433.08563	23.917889	23.269562	21.41097	-0.22858745	-0.1393642	-0.24873745	-0.2036012	1362.914	834.5342	1301.2982	3498.7463
07-02-2022 01:48	50.003963	250.44788	259.0184	249.2276	441.4673	439.5093	433.1593	24.014683	23.400227	21.43567	-0.22560774	-0.14385122	-0.23737529	-0.20063731	1339.8461	879.56146	1254.7463	3474.1538
07-02-2022 01:49	50.035275	251.45303	259.2287	249.17213	442.48965	439.84854	433.8106	24.920347	24.020748	21.516752	-0.18396741	-0.104646005	-0.23439716	-0.17064041	1133.122	650.0312	1239.9543	3023.1074

07-02-2022 01:50	50.031708	251.4089	259.02103	249.49619	442.3103	440.16562	433.7984	24.950214	24.234898	22.520124	-0.18327035	-0.10896024	-0.16154836	-0.1507913	1149.7758	686.68695	899.3048	2735.7676
07-02-2022 01:51	50.0417	251.47707	259.16397	249.59938	442.50183	440.3476	433.9694	24.975197	24.074783	22.49411	-0.18519264	-0.10281871	-0.168182	-0.15100305	1153.9045	631.2067	932.15137	2717.2627
07-02-2022 01:52	50.0362	251.37282	259.0427	249.58801	442.43784	440.07535	433.89395	24.970638	24.822023	22.457478	-0.18693246	-0.13506176	-0.16357109	-0.16155684	1161.0664	810.38666	898.6315	2870.0845
07-02-2022 01:53	50.044727	251.49588	259.14267	249.80806	442.7944	440.32196	434.0592	25.009172	24.7917	22.51093	-0.18482877	-0.1318686	-0.16179156	-0.15919675	1141.895	794.73193	904.8685	2841.4954
07-02-2022 01:54	50.02812	251.01306	258.96936	249.48172	442.15848	439.79343	433.52112	24.989128	24.444883	23.056747	-0.1837968	-0.1137462	-0.13538268	-0.1473641	1153.0938	751.3469	773.5806	2678.0212
07-02-2022 01:55	50.024815	250.99852	258.7171	249.87254	441.979	439.98868	433.71722	24.949827	24.170723	23.014038	-0.1863767	-0.10389162	-0.14563282	-0.14485884	1151.544	645.8499	829.4485	2626.8423
07-02-2022 01:56	50.055775	251.31538	259.1612	250.00844	442.73062	440.5018	434.00967	24.08543	24.531467	21.962748	-0.2262594	-0.12176459	-0.20713873	-0.18317528	1350.1665	750.3213	1129.1877	3229.6753
07-02-2022 01:57	50.060207	251.49416	259.04474	249.92096	442.5967	440.3156	434.2826	24.045086	23.644884	21.921825	-0.22647162	-0.14856455	-0.20572384	-0.192917	1355.6141	913.0087	1107.1971	3375.82
07-02-2022 01:58	50.058174	251.52507	259.29968	249.91331	442.9985	440.4398	434.2414	24.04978	23.58788	21.04037	-0.2227012	-0.14825332	-0.25238252	-0.2053702	1328.2756	873.77325	1304.905	3506.954
07-02-2022 01:59	50.054203	251.66626	259.2892	250.48152	443.10464	441.1725	434.61273	24.074455	23.876587	22.509293	-0.22686802	-0.15254891	-0.15175422	-0.17748588	1358.6016	951.69763	840.53864	3150.8376
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
07-02-2022 02:00	50.04121	251.83951	259.34152	250.64926	443.58536	441.20764	434.77734	24.080666	23.89387	22.567146	-0.22793138	-0.15105747	-0.14502944	-0.17574355	1365.4982	948.6795	808.4082	3122.586
07-02-2022 02:01	50.04082	251.78233	259.79092	250.81937	443.56396	441.73557	435.24402	24.079102	23.425232	22.683775	-0.22585364	-0.11324014	-0.14991711	-0.16215675	1352.2168	693.80286	839.4114	2885.431
07-02-2022 02:02	50.083893	251.9909	259.89398	250.8909	443.72626	442.00177	435.47952	24.13806	23.722952	22.587507	-0.22383891	-0.12370021	-0.15367737	-0.16713585	1341.5881	763.17255	846.45825	2951.6875
07-02-2022 02:03	50.06071	252.34862	260.28494	251.05597	444.6262	442.29327	435.8724	24.104254	23.78618	22.642132	-0.221937	-0.07069026	-0.15409717	-0.14816187	1344.8855	447.35577	858.70435	2650.9458
07-02-2022 02:04	50.038036	252.15129	259.9997	250.84521	444.13693	441.88943	435.56345	24.079874	23.96741	22.719175	-0.22416228	-0.07841831	-0.14842263	-0.15061969	1353.752	500.33868	840.8906	2694.981
07-02-2022 02:05	50.036316	252.142	260.772	250.29019	444.48517	442.09137	435.38013	24.074379	24.63514	21.718004	-0.2186596	-0.04872311	-0.22936535	-0.16071756	1315.028	309.8069	1228.0569	2852.8918
07-02-2022 02:06	50.00201	252.03848	260.37628	250.5154	444.31558	441.8047	435.3582	24.053146	24.728504	21.549637	-0.21957415	-0.052298285	-0.22822584	-0.16270927	1322.9651	331.94614	1221.8568	2876.7678
07-02-2022 02:07	49.97265	251.91374	260.28366	250.36833	444.00882	441.76233	435.07803	24.001753	24.915106	21.539135	-0.22119378	-0.059384994	-0.22518533	-0.16339038	1320.1093	383.04428	1199.592	2902.7454
07-02-2022 02:08	49.939133	251.64185	259.80887	250.2726	443.53888	441.28293	434.56802	24.01133	24.54876	22.607859	-0.22264747	-0.043047473	-0.1516783	-0.13686197	1333.4608	268.08707	849.89264	2451.4404
07-02-2022 02:09	49.948124	251.83104	259.99698	250.43257	443.82675	441.63586	434.85837	24.00578	24.60501	22.577251	-0.22213627	-0.04544252	-0.15059848	-0.13713638	1331.6777	289.81448	841.5209	2463.013
07-02-2022 02:10	49.950565	251.89969	259.90875	250.42542	443.68976	441.63074	434.95276	23.997116	24.669933	22.601936	-0.22410853	-0.04687754	-0.15063106	-0.13881482	1351.6969	299.48978	843.01917	2494.206
07-02-2022 02:11	49.97681	251.96945	259.82507	250.43257	443.8075	441.3826	435.06906	24.033558	24.57811	22.576315	-0.22424386	-0.043062795	-0.1584374	-0.13955761	1346.3234	273.9715	885.1033	2505.3982
07-02-2022 02:12	50.00927	252.25945	259.77487	250.52835	443.89966	441.55453	435.385	24.058643	23.889854	22.634867	-0.22538687	-0.07725429	-0.15187779	-0.14986356	1357.3428	458.03574	847.9517	2663.3303
07-02-2022 02:13	50.019028	252.22789	259.597	250.58429	443.83203	441.41653	435.32382	24.099392	23.839378	22.6591	-0.2284723	-0.07905956	-0.14457105	-0.15027283	1379.6067	508.65637	819.1677	2707.4307
07-02-2022 02:14	50.01697	252.24712	259.88614	250.07578	443.82236	441.2621	435.14404	24.062574	24.29848	21.53297	-0.22703016	-0.10516748	-0.2239501	-0.1827432	1373.1716	661.47894	1183.331	3213.263
07-02-2022 02:15	50.021576	252.18202	259.9163	250.25307	443.8912	441.40927	435.17484	24.046108	24.188225	21.47668	-0.22831824	-0.0982572	-0.22460994	-0.18100241	1371.7688	645.48914	1194.3892	3211.6475
07-02-2022 02:16	50.027676	252.16951	260.15378	249.66096	443.81778	441.17184	434.8527	24.026894	23.716688	21.676136	-0.22469188	-0.082368016	-0.22456558	-0.17413451	1345.2355	508.13675	1195.7314	3049.1038
07-02-2022 02:17	50.009933	252.05725	259.9347	250.11949	443.79883	441.235	435.0259	24.071186	23.847263	22.632359	-0.2271937	-0.08093426	-0.14617974	-0.15094702	1368.9528	509.7812	822.5298	2701.2637
07-02-2022 02:18	49.993492	252.26442	259.76642	250.67097	443.95456	441.73428	435.3921	24.05354	23.856731	23.75175	-0.23198262	-0.08091677	-0.113026604	-0.14164868	1392.2247	495.7056	671.129	2559.0593
07-02-2022 02:19	49.987453	252.21799	259.882	250.52754	443.9034	441.71695	435.33267	24.065308	23.944164	23.103424	-0.22941239	-0.08792378	-0.14326712	-0.15305512	1388.6249	554.62634	812.7384	2753.052
07-02-2022 02:20	49.977276	251.81787	259.73694	250.3811	443.60812	441.26617	434.88065	24.057093	24.735382	23.159454	-0.23026845	-0.058857586	-0.13727607	-0.13940868	1378.6537	351.9081	790.3015	2520.8633
07-02-2022 02:21	49.949604	251.47775	259.54916	250.128	443.16464	440.8932	434.3456	24.021482	24.61647	23.105171	-0.22768962	-0.054394722	-0.1406211	-0.13909155	1376.1865	336.91623	802.58936	2515.6921
07-02-2022 02:22	49.945686	251.72159	259.625	250.12679	443.27155	440.9334	434.74716	24.045431	25.003445	23.096989	-0.22859271	-0.07032324	-0.1403326	-0.14480588	1372.3853	457.14825	801.5838	2631.1172
07-02-2022 02:23	49.914135	251.38867	259.82718	249.68515	443.23236	440.48203	434.24832	23.976557	24.64236	21.9647	-0.22595106	-0.061076865	-0.22369598	-0.16683662	1342.6923	403.2164	1219.6986	2965.6074
07-02-2022 02:24	49.99192	251.86685	260.24994	250.31331	443.8129	441.48624	435.30878	24.053932	24.806032	22.083286	-0.2259	-0.06454335	-0.21061091	-0.16324833	1363.6831	421.70837	1144.6688	2930.0605
07-02-2022 02:25	50.011314	252.13138	260.31525	250.19919	443.97333	441.53354	435.47485	24.979641	24.514046	22.136755	-0.17951839	-0.051395375	-0.20674117	-0.14263569	1119.0725	336.06656	1135.0546	2590.1934
07-02-2022 02:26	49.999207	252.25653	260.14667	250.55951	444.10828	441.82782	435.5962	24.981907	24.53093	23.262518	-0.18300915	-0.047758598	-0.14337645	-0.12371818	1146.3917	299.4479	820.6653	2266.505
07-02-2022 02:27	50.037678	252.48045	260.32278	250.7593	444.46268	442.2433	435.86667	25.024977	24.612587	23.205997	-0.18303	-0.07457475	-0.14308006	-0.13290893	1142.4985	482.39352	828.19037	2453.0825
07-02-2022 02:28	50.046787	252.88948	260.5517	250.6357	444.91867	442.40588	436.1406	25.026527	23.779373	23.283745	-0.18475519	-0.10224234	-0.13450845	-0.13991222	1146.8727	624.1577	781.8124	2552.8428
07-02-2022 02:29	50.052086	252.96048	260.484	251.10107	444.97174	442.83142	436.47183	25.060465	24.226448	23.229698	-0.18624619	-0.11761632	-0.1357843	-0.14687811	1180.1328	805.1587	782.8153	2768.1067
07-02-2022 02:30	50.045116	253.01607	260.59326	251.1578	445.13104	442.9502	436.57788	25.031433	24.162226	23.278067	-0.18643758	-0.11426459	-0.13618356	-0.14593332	1164.48	731.2461	775.11096	2670.837
07-02-2022 02:31	50.032784	252.72258	260.10504	250.8909	444.54776	442.24454	436.04916	24.986103	23.369274	23.739048	-0.18654123	-0.12058491	-0.110150985	-0.13990404	1160.6863	738.0315	651.8959	2553.6763
07-02-2022 02:32	50.023552	252.8002	260.34442	250.85138	444.73047	442.4128	436.1797	24.04964	23.371674	22.710802	-0.22963043	-0.12279964	-0.1839768	-0.17824084	1380.2662	744.4941	1030.9386	3155.6992
07-02-2022 02:33	50.00354	252.46873	259.97983	250.94043	444.3524	442.04483	435.87228	24.076664	23.39258	22.537296	-0.23236789	-0.12195445	-0.17384492	-0.17601267	1400.2917	750.9156	978.3889	3129.5962
07-02-2022 02:34	49.99302	252.59538	259.94977	251.09077	444.3764	442.16327	436.1554	24.04687	23.584126	22.57168	-0.22724557	-0.1298851	-0.17178634	-0.17659979	1370.1858	801.13574	958.97656	3130.298
07-02-2022 02:35	49.974598	252.56673	259.80087	251.3114	444.38434	442.26587	436.1192	24.073166	23.458904	23.721495	-0.22609025	-0.11940737	-0.105937384	-0.15073031	1364.2656	727.5104	621.13184	2712.9077
07-02-2022 02:36	49.97299	252.425	259.89886	251.26987	444.4316	442.2118	435.97916	24.075924	24.810246	23.74634	-0.22878076	-0.116146415	-0.12165367	-0.15496537	1378.8413	745.71094	714.48846	2839.0405
07-02-2022 02:37	50.01134	252.53476	259.9693	251.44585	444.7145	442.29587	436.22736	24.119524	24.74221	23.705921	-0.22704984	-0.107352406	-0.10912122	-0.14735895	1370.2893	685.7289	643.2438	2699.2622
07-02-2022 02:38	50.015835	253.03009	260.34064	251.50172	445.27716	442.7759	436.7844	24.11465	24.147324	23.816977	-0.2247766	-0.08530838	-0.108736746	-0.13928242	1361.8798	535.7218	643.71246	2541.314
07-02-2022 02:39	49.99146	253.05164	260.53333	250.80676	445.21167	442.381	436.41617	24.077843	24.22631	23.772846	-0.22843662	-0.08978405	-0.10898609	-0.14191481	1378.2545	552.7469	631.6412	2563.6738
07-02-2022 02:40	50.03492	253.0502	260.6653	251.13228	445.30487	442.7821	436.71042	24.142845	24.449512	23.724318	-0.22565834	-0.100444384	-0.11463144	-0.1464463	1368.4071	645.6273	667.6724	2681.7068
07-02-2022 02:41	50.02876	252.85144	260.52924	250.99797	445.07913	442.50873	436.39737	24.099419	24.33141	22.679562	-0.22201772	-0.096936814	-0.1878381	-0.1673718	1339.6051	621.10486	1013.671	2974.381
07-02-2022 02:42	50.0594	252.57796	260.57684	251.11388	444.99677	442.7649	436.03705	24.113256	24.501938	22.80031	-0.22277549	-0.102928735	-0.1937609	-0.17147139	1346.1603	658.76294	1095.8943	3100.8176
07-02-2022 02:43	50.052464	252.71382	260.42325	251.27042	445.01425	442.55145	436.46707	24.095188	23.99061	22.774513	-0.22514236	-0.12845533	-0.19684924	-0.18266407	1360.1667	828.07465	1130.6266	3318.8682
07-02-2022 02:44	50.021767	252.30502	260.2561	251.2228	444.474	442.37448	436.10364	24.055128	23.941818	23.76411	-0.22620875	-0.12296133	-0.13255091	-0.16037756	1360.5879	729.6692	788.30347	2879.1543
07-02-2022 02:45	49.97224	252.23111	259.9839	251.3505	444.3276	442.23486	436.00974	24.026108	23.65231	23.82375	-0.22566156	-0.10978585	-0.12626272	-0.1547381	1355.7421	690.9931	753.17163	2799.907
07-02-2022 02:46	49.98397	252.33662	259.9868	251.26027	444.44217	442.34717	435.81815	24.04414	23.531399	23.685972	-0.22557832	-0.10122025	-0.106393546	-0.15034652	1355.8828	605.98486	738.3703	2700.238
07-02-2022 02:47	49.9794	252.65018	260.4128	249.87486	444.38934	441.79715	435.30975	23.817497	23.293407	23.124304	-0.21829148	-0.105608985	-0.4152421	-0.2433093	1291.0386	651.8625	2368.4456	4311.3467
07-02-2022 02:48	49.972557	252.31348	259.98312	251.15607	444.37912	442.2962	435.7062	24.021397	23.500603	23.625624	-0.2277728	-0.10514725	-0.11565196	-0.1496057	1368.6664	640.1002	678.0014	2686.768
07-02-2022 02:49	49.97361	251.90659	260.34506	250.96089	444.048	442.5023	435.4189	24.031208	23.705173	23.13699	-0.22378296	-0.07338985	-0.1404686	-0.14537011	1341.6058	450.62457	806.01416	2598.2446
07-02-2022 02:50	49.973488	252.07256	260.40137	250.93617	444.35165	442.4331	435.5267	24.05357	23.755941	23.165176	-0.22572002	-0.07789462	-0.14203224	-0.1480231	1354.1144	487.2022	816.3012	2657.6177
07-02-2022 02:51	49.96919	252.25452	260.92273	250.44089	444.8191	442.2503	435.6042	24.048874	25.062761	22.060616	-0.22414625	-0.071342856	-0.21493937	-0.16609083	1340.0502	461.8547	1164.0117	2965.9167
07-02-2022 02:52	49.977283	252.18643	260.82196	250.51073	444.57468	442.35114	435.57574	24.076689	24.60949	21.118319	-0.22072884	-0.056337792	-0.27025235	-0.17601214	1330.5671	360.36304	1411.8782	3102.808
07-02-2022 02:53	49.992435	252.27582	260.8778	250.6674	444.7352	442.5572	435.73236	24.06491	24.74068	21.167057	-0.22267568	-0.06103231	-0.2614266	-0.17540641	1344.4615	382.92087	1368.0958	3095.4783
07-02-2022 02:54	49.99749	252.6021	260.8361	251.14998	445.17255	442.77725	436.3989	24.105246	24.530546	22.189667	-0.22656043	-0.04783949	-0.18714032	-0.15081151	1365.4697	299.82074	1030.4086	2695.6987
07-02-2022 02:55	50.00524	252.74577	260.82736	251.16847	445.27417	442.86288	436.47815	24.152945	24.55624	22.159388	-0.2252327	-0.04795865	-0.18895115	-0.15080057	1360.5029	304.03317	1038.6372	2703.1733
07-02-2022 02:56	50.03177	252.67738	261.05643	251.28493	445.39758	443.2252	436.47498	24.21228	24.506027	22.117565	-0.22346874	-0.04202982	-0.18999766	-0.14765818	1350.135	276.15338	1032.8412	2659.1296
07-02-2022 02:57	50.018192	252.92105	261.39154	251.25941	445.8063	443.46243	436.78787	24.187298	24.90299	21.65778	-0.22350386	-0.058173556	-0.21336254	-0.16035785	1348.3308	376.92767	1147.7402	2872.9985
07-02-2022 02:58	50.027027	252.88387	261.4137	251.63564	445.89716	443.65213	437.12903	24.207207	25.116032	21.613653	-0.22387996	-0.06809308	-0.21340723	-0.16415639	1361.8513	473.20386	1142.7455	2977.8008
07-02-2022 02:59	50.055943	253.36455	261.51312	251.9454	446.35565	444.12122	437.74197	24.202635	24.282337	21.653969	-0.22539324	-0.09548391	-0.21118078	-0.17469029	1373.1565	592.63947	1137.3115	3103.1074
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
07-02-2022 03:00	50.040936	255.05411	263.08218	252.62834	448.86996	446.25793	439.92175	25.116047	24.00234	20.770664	-0.18112281	-0.08857944	-0.29438707	-0.18137312	1141.0052	567.631	1522.1101	3228.4338
07-02-2022 03:01	50.03034	256.25745	264.27744	253.8537	451.17184	448.17004	441.98502	25.204866	23.937515	20.846539	-0.18007691	-0.08297968	-0.28243524	-0.17578067	1153.3857	523.1864	1472.639	3149.2112
07-02-2022 03:02	50.0075	257.82547	266.2142	254.97083	453.971	450.7785	444.58377	25.298584	24.212708	20.978107	-0.18034707	-0.09129053	-0.28445715	-0.17909059	1171.169	575.2235	1497.6064	3243.999
07-02-2022 03:03	50.013283	259.12228	267.1896	256.80493	456.20358	453.20572	447.0343	25.455078	24.325958	22.021107	-0.18647304	-0.08745966	-0.2066154	-0.1580144	1214.6833	542.3232	1153.3721	2910.3784
07-02-2022 03:04	50.013435	259.59573	267.7121	257.11902	456.896	454.02185	447.79495	25.468044	24.303116	22.071693	-0.18358439	-0.08628355	-0.23358682	-0.16473293	1198.9381	558.22516	1304.1705	3061.3335
07-02-2022 03:05	50.004276	255.84134	263.7457	253.64445	450.37054	447.4992	441.45016	25.29336	24.492147	21.867237	-0.18016294	-0.1028993	-0.22703017	-0.1672059	1154.6162	663.2661	1243.5138	3061.3962
07-02-2022 03:06	49.95885	254.74701	262.78998	252.65329	448.65646	445.7765	439.62048	25.137081	24.146229	21.639063	-0.18260145	-0.09206702	-0.22713552	-0.16496845	1156.5518	594.21655	1232.9473	2983.7156
07-02-2022 03:07	49.96496	253.85568	262.52695	252.08855	447.42963	445.03	438.6148	25.111523	24.741505	21.68008	-0.17934255	-0.053159546	-0.20928408	-0.14304075	1137.001	336.24756	1126.5941	2599.8425
07-02-2022 03:08	49.936302	253.07152	261.90454	252.26712	446.6811	444.50473	437.76166	24.193716	24.979029	22.092453	-0.23188773	-0.061580356	-0.18785635	-0.15814146	1401.8378	412.768	1038.1992	2852.805
07-02-2022 03:09	49.926006	253.33762	261.87177	251.72708	446.73093	443.85037	437.83154	24.138746	24.582937	21.097013	-0.22852969	-0.07189	-0.2588931	-0.17983434	1378.059	447.40894	1367.4257	3192.8936
07-02-2022 03:10	49.92978	253.53366	261.92114	251.89857	447.01633	444.29865	437.82608	24.082403	24.691433	21.117172	-0.2277534	-0.072233826	-0.2551135	-0.17961682	1382.0734	464.84564	1339.9888	3186.9077
07-02-2022 03:11	49.997574	253.62233	262.01965	251.81047	446.97174	444.3509	437.98874	24.189625	24.798439	21.0932	-0.22321312	-0.07575497	-0.25656462	-0.17962454	1361.2181	493.2426	1341.2285	3195.689
07-02-2022 03:12	50.00582	253.9275	262.11487	252.42061	447.478	444.95953	438.62253	24.193134	24.817032	23.214495	-0.2268376	-0.0685762	-0.14840472	-0.14543761	1375.6886	424.88986	864.6039	2665.1826
07-02-2022 03:13	50.033844	253.61633	261.60074	251.76425	446.79337	443.956	437.74576	24.207222	25.213665	23.130743	-0.22331756	-0.09473406	-0.14263381	-0.15215431	1358.0604	623.2441	824.0534	2805.358
07-02-2022 03:14	50.012238	253.36832	261.1565	251.5466	446.12427	443.49747	437.29648	24.137716	23.90128	23.244226	-0.22299412	-0.09656815	-0.13782336	-0.15271933	1347.5421	609.2341	800.18427	2756.9604

07-02-2022 03:15	50.02967	253.53369	261.16754	252.11794	446.38193	444.24878	437.58365	24.173279	23.923742	23.85152	-0.22753927	-0.096758336	-0.11089863	-0.1448892	1374.8047	601.2354	649.6436	2625.6836
07-02-2022 03:16	49.99021	253.36865	260.96518	251.88748	446.0354	443.74274	437.39844	24.137321	23.946913	23.71948	-0.2271408	-0.09696196	-0.11558078	-0.14635192	1371.0542	607.3563	682.07666	2660.487
07-02-2022 03:17	50.00585	253.86507	261.3626	252.38272	446.69797	444.55432	438.32852	24.177141	23.961445	23.891104	-0.22771256	-0.09740825	-0.110718325	-0.14506768	1390.5017	610.64856	661.37445	2657.7437
07-02-2022 03:18	49.99212	253.65831	261.14767	251.71461	446.14868	443.84747	437.6984	24.054716	23.419926	22.696201	-0.22503266	-0.12308789	-0.18240936	-0.17655471	1355.0201	761.0943	1024.7234	3140.838
07-02-2022 03:19	49.995056	254.02528	261.1487	251.85132	446.6223	443.79645	438.1478	24.103682	23.544981	22.656994	-0.22470056	-0.121980205	-0.17661323	-0.17421342	1365.9467	741.78156	994.09247	3101.8208
07-02-2022 03:20	49.98947	253.84778	261.22995	251.63664	446.43744	443.8407	437.7536	24.12012	23.91348	22.56959	-0.22484288	-0.1434329	-0.17818286	-0.1819656	1363.9766	890.453	999.95764	3254.3872
07-02-2022 03:21	50.012856	254.09482	261.23795	252.25945	446.82172	444.46698	438.262	24.166222	24.134447	23.916037	-0.22890446	-0.14774582	-0.1260891	-0.16374014	1384.1106	857.818	743.5654	2985.4941
07-02-2022 03:22	50.00593	254.0635	261.43164	252.2247	446.93723	444.5519	438.2837	24.15841	24.377745	23.948833	-0.22523893	-0.09284548	-0.12600486	-0.14733298	1364.55	607.73065	746.08575	2718.3665
07-02-2022 03:23	49.99609	253.67847	261.25433	251.9981	446.438	444.25757	437.7124	24.153332	24.324017	23.972515	-0.22611114	-0.09277023	-0.13039036	-0.14901818	1369.096	576.82825	778.90625	2724.8303
07-02-2022 03:24	49.98379	253.67455	261.17615	252.10347	446.33194	444.23874	437.87494	24.15022	24.268631	23.912088	-0.22578359	-0.09049893	-0.13292094	-0.14903486	1369.7948	572.09424	790.48	2732.3691
07-02-2022 03:25	50.005394	253.00476	261.9456	251.89691	446.1602	444.30283	437.7948	24.167	24.340263	24.01351	-0.22025955	-0.070813395	-0.13102864	-0.13957965	1334.466	462.854	778.88556	2576.2056
07-02-2022 03:26	50.04068	253.13068	261.91586	252.54546	446.33047	444.85898	438.35577	24.212307	24.288855	23.920853	-0.22176416	-0.06305896	-0.10962406	-0.13057272	1346.087	406.11484	650.9632	2403.165
07-02-2022 03:27	50.03763	253.37346	262.06476	252.3402	446.72992	444.69318	438.44525	24.21503	24.859928	22.726254	-0.22009972	-0.09389411	-0.18093812	-0.16308689	1337.6354	607.4358	1025.1813	2970.2524
07-02-2022 03:28	50.02912	253.20108	262.18063	252.41527	446.52673	444.74982	438.61884	24.225521	24.855356	22.658709	-0.22395216	-0.09390037	-0.18445104	-0.16544336	1360.7764	607.6174	1042.5511	3010.9448
07-02-2022 03:29	49.98988	252.86804	261.6856	251.99849	445.8075	444.06705	437.86673	24.085678	23.559376	22.707035	-0.22542267	-0.105191626	-0.17555574	-0.16820987	1360.197	645.53894	991.99133	2997.7273
07-02-2022 03:30	50.009823	253.14925	261.56738	252.31116	446.02835	444.4086	438.13022	24.159195	23.58609	23.885567	-0.22712736	-0.09716009	-0.10989692	-0.1447452	1376.4452	595.2484	655.08234	2626.776
07-02-2022 03:31	49.979595	253.07523	261.2778	252.14568	445.6977	444.01447	437.93707	24.116613	23.429186	23.85071	-0.23194487	-0.0959058	-0.10935738	-0.14577569	1401.6465	585.0296	650.1483	2636.8242
07-02-2022 03:32	49.982677	253.0248	261.19315	251.86398	445.54874	443.65295	437.72513	24.117783	23.5202	23.723478	-0.23023793	-0.1017978	-0.112225495	-0.14816883	1392.0026	623.0444	663.0941	2678.141
07-02-2022 03:33	49.97541	253.09203	261.2038	251.86212	445.6831	443.6727	437.70416	24.123661	23.432812	23.845568	-0.23154314	-0.09848177	-0.10645684	-0.14559664	1396.8273	595.8042	629.64655	2622.278
07-02-2022 03:34	49.953995	253.00586	261.21286	251.67418	445.60718	443.49847	437.4962	24.12216	23.541473	23.177479	-0.22714292	-0.10452037	-0.13265462	-0.15588875	1375.2454	652.6059	767.024	2794.8752
07-02-2022 03:35	49.979855	252.99655	261.24753	251.84744	445.60614	443.6075	437.72922	24.130297	23.959496	23.192093	-0.23119521	-0.11961739	-0.13127863	-0.16076903	1398.8257	732.5187	752.7588	2884.103
07-02-2022 03:36	50.010128	253.49416	261.4661	250.59166	445.85696	443.35123	436.815	25.010593	24.08018	22.112823	-0.1809222	-0.09156241	-0.2136129	-0.15988033	1135.5647	573.2189	1169.3923	2878.176
07-02-2022 03:37	49.9696	253.22931	261.42508	250.5983	445.59808	443.14536	436.75848	25.038149	24.88525	22.13893	-0.17869434	-0.063216254	-0.20592822	-0.14586666	1122.033	409.28555	1127.9558	2659.2744
07-02-2022 03:38	49.955853	253.32547	261.34787	251.01558	445.78207	443.5689	436.90872	25.050636	24.656563	22.09408	-0.17796002	-0.053606573	-0.19788912	-0.14003544	1119.082	344.34708	1083.2747	2546.7039
07-02-2022 03:39	49.971527	253.47736	261.24677	251.40465	445.95612	443.77008	437.29285	25.097977	24.744528	23.24914	-0.18270274	-0.05384492	-0.12921949	-0.12116253	1150.7313	347.24048	746.1117	2244.0835
07-02-2022 03:40	50.001995	253.7206	261.2141	251.48889	446.2297	443.63577	437.66135	25.103947	24.950932	23.209198	-0.18391755	-0.059896123	-0.1391848	-0.12683205	1163.08	387.9277	802.64886	2353.6567
07-02-2022 03:41	49.985195	253.6766	261.60794	252.21263	446.7372	444.39612	438.25107	25.140762	24.777573	23.274323	-0.18317586	-0.05201319	-0.13098061	-0.12099145	1154.9662	332.01532	761.65735	2248.639
07-02-2022 03:42	49.990597	253.76738	261.6353	252.42163	446.97827	444.53918	438.433	25.149372	25.206892	23.284874	-0.18220925	-0.06684997	-0.1333578	-0.12657209	1153.301	438.31274	774.7147	2366.3284
07-02-2022 03:43	49.975197	253.88889	261.36694	252.20682	446.76523	444.26956	438.28955	25.15465	25.162447	23.214521	-0.18577313	-0.070904955	-0.13585034	-0.1299596	1175.1761	464.50195	786.9107	2426.5889
07-02-2022 03:44	49.960102	253.82668	261.5117	252.35532	446.95493	444.4337	438.33624	24.245396	24.962696	23.147243	-0.23190956	-0.056275316	-0.14074303	-0.14188151	1426.7377	365.7859	812.34875	2604.8726
07-02-2022 03:45	50.00243	253.76114	261.40015	252.61684	446.90344	444.62137	438.34586	24.240654	24.023037	23.839188	-0.23532505	-0.076792605	-0.10917042	-0.14012136	1433.584	468.39627	656.86914	2557.4434
07-02-2022 03:46	49.994263	253.2872	261.4952	252.01918	446.30582	444.35107	437.52823	24.180658	23.857914	22.699951	-0.2288459	-0.07715805	-0.17696555	-0.15989876	1387.9666	478.16342	993.21216	2859.342
07-02-2022 03:47	49.980137	253.3161	261.8376	251.86989	446.40106	444.55295	437.6168	24.187696	23.875679	21.649054	-0.22612649	-0.0815289	-0.22077613	-0.17357513	1366.6772	517.09314	1191.8771	3075.6475
07-02-2022 03:48	49.963943	253.53494	262.06512	251.64378	446.79416	444.31982	437.83685	24.242828	23.823235	21.608427	-0.22542351	-0.07930475	-0.22660813	-0.17430906	1365.6692	492.94537	1216.9791	3075.5938
07-02-2022 03:49	50.00929	253.74577	261.88977	252.51976	447.08212	445.04022	438.40546	24.23093	24.388557	22.752808	-0.22690925	-0.09546458	-0.14804232	-0.1561715	1381.8	604.8575	840.15295	2826.8105
07-02-2022 03:50	50.0227	253.6236	261.94434	252.4196	446.95468	445.12576	438.15967	24.180683	24.36039	22.737026	-0.22263671	-0.09149525	-0.1463435	-0.15277503	1351.8097	578.91516	829.46655	2760.1914
07-02-2022 03:51	50.026115	253.57098	261.61295	252.236	446.6335	444.78583	437.83765	24.18108	23.94065	22.77859	-0.22413376	-0.10083296	-0.14639814	-0.15684593	1361.0776	628.8483	830.73987	2820.666
07-02-2022 03:52	50.016506	253.13234	261.6159	252.0529	446.17972	444.5864	437.42007	24.145542	23.909948	22.79725	-0.22306	-0.09770317	-0.14597134	-0.15523309	1351.1484	608.4887	828.34296	2787.98
07-02-2022 03:53	49.982414	252.93549	261.62497	252.26411	446.2819	444.32056	437.61844	24.161356	24.77909	22.674534	-0.22087568	-0.06755668	-0.15419309	-0.14560777	1336.1505	436.09906	871.4769	2643.7266
07-02-2022 03:54	50.004158	253.29623	261.54028	252.30638	446.61908	444.30786	437.84503	24.166605	24.727362	22.763905	-0.22245355	-0.06415862	-0.15002127	-0.14378045	1348.7336	412.90247	851.5492	2613.1855
07-02-2022 03:55	49.965252	253.14966	261.59628	251.9832	446.30673	444.1309	437.61877	24.125256	24.596134	21.589155	-0.21905603	-0.06619545	-0.22079441	-0.16462177	1324.6895	425.05548	1188.4105	2938.1555
07-02-2022 03:56	49.965393	253.34499	261.71945	251.91158	446.67676	443.99316	437.81268	24.115866	24.648878	21.557583	-0.21937156	-0.07020858	-0.22589922	-0.16757295	1327.1083	451.47888	1211.2701	2989.8572
07-02-2022 03:57	49.959347	253.85086	262.29938	252.32143	447.5718	444.90347	438.59964	24.134274	25.124323	21.667885	-0.2214948	-0.0882549	-0.22627181	-0.17368573	1334.5347	572.09985	1221.1516	3127.7861
07-02-2022 03:58	49.91414	253.75948	261.95767	252.72443	447.65536	444.85626	438.50903	24.165794	24.757402	22.719028	-0.22320585	-0.07007734	-0.15105611	-0.14602417	1349.9131	453.0103	853.7394	2656.6626
07-02-2022 03:59	49.96075	254.54959	262.9639	253.03381	448.80142	446.27203	439.6006	24.208015	24.778387	22.781944	-0.22126754	-0.067075014	-0.14964174	-0.14421526	1354.0514	448.4607	846.0131	2648.5251

Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
07-02-2022 04:00	49.96815	256.3049	264.28622	254.51129	451.46234	448.49832	442.59653	24.257816	23.92454	22.858181	-0.22554775	-0.09717796	-0.15374787	-0.15840064	1386.3231	614.5368	881.96686	2882.8267
07-02-2022 04:01	50.01564	255.8446	263.77054	254.40184	450.77713	448.07352	441.82806	24.246117	24.158234	22.866009	-0.22528413	-0.09960557	-0.1480202	-0.15670334	1377.0132	628.57336	850.7118	2856.2983
07-02-2022 04:02	50.048492	256.8162	264.7604	254.33528	452.15768	449.13904	442.6724	24.388563	24.236116	22.955345	-0.22324929	-0.07907036	-0.14897946	-0.14972661	1383.4674	505.04883	859.79364	2748.31
07-02-2022 04:03	50.046566	256.79153	264.71466	255.09254	452.55243	449.40405	443.19583	24.330484	24.170792	22.918566	-0.22304678	-0.075119175	-0.1473842	-0.14778008	1379.0892	478.36624	849.313	2706.7686
07-02-2022 04:04	50.040863	255.47458	263.4652	253.352	450.1872	446.98605	440.52496	24.182285	24.333374	21.655651	-0.22114754	-0.13272366	-0.23274523	-0.19328438	1350.2002	789.8954	1269.3607	3409.456
07-02-2022 04:05	50.026924	255.07332	263.08685	253.00911	449.2476	446.44113	440.06268	24.202528	24.187462	21.667845	-0.22434518	-0.14487892	-0.22101174	-0.19427045	1367.6362	896.3189	1195.6206	3459.5757
07-02-2022 04:06	49.986492	254.67896	263.02435	252.40265	448.72363	445.9306	439.25952	24.13224	23.473724	21.294022	-0.22248162	-0.11831825	-0.25999537	-0.19735253	1349.1731	711.2829	1382.1438	3442.5999
07-02-2022 04:07	49.938976	254.60573	262.24182	252.88501	448.42004	445.37766	439.45914	24.126932	23.59028	23.206919	-0.22855312	-0.11486085	-0.1445873	-0.16278501	1394.0581	707.7401	835.6202	2937.4182
07-02-2022 04:08	49.93447	254.14818	262.22458	252.86668	448.19617	445.35034	438.8592	24.180473	24.357868	23.205322	-0.22780718	-0.082290165	-0.14925957	-0.15211572	1392.9327	520.93726	862.8547	2776.7246
07-02-2022 04:09	49.917606	254.19995	262.1898	252.78722	448.03116	445.14377	439.1186	24.154442	24.227024	23.224178	-0.23030947	-0.07885893	-0.15095396	-0.1523982	1387.3915	512.46924	875.18616	2775.0469
07-02-2022 04:10	49.952484	254.75218	262.43082	252.85127	448.52063	445.52322	439.73495	24.137825	24.288511	23.24718	-0.22924775	-0.078405224	-0.1421602	-0.14905171	1405.8586	495.80817	819.84955	2715.6726
07-02-2022 04:11	49.9468	254.76761	262.65558	252.4643	448.77814	445.23718	439.51205	24.177673	24.321058	22.720068	-0.22730799	-0.08408094	-0.1690862	-0.15888499	1392.3395	527.4117	962.2313	2881.9824
07-02-2022 04:12	49.94046	255.01799	262.6406	252.70256	448.71298	445.6367	439.9954	25.103748	24.768236	22.662582	-0.18402088	-0.103028715	-0.16658644	-0.15034817	1174.6108	683.8532	939.73627	2798.2004
07-02-2022 04:13	49.940365	255.0509	262.93454	252.18547	448.80472	445.43903	439.77457	25.064636	24.332699	21.634329	-0.17987363	-0.091208056	-0.24911228	-0.16930662	1140.2532	589.1198	1346.4575	3075.8306
07-02-2022 04:14	49.95248	255.07133	263.05072	252.17365	449.15668	445.5102	439.57324	25.057796	24.21087	21.646948	-0.18062435	-0.0857914	-0.24064952	-0.16553384	1149.3047	545.1311	1301.1213	2995.5571
07-02-2022 04:15	49.9625	255.30145	262.92014	252.13913	448.8934	445.70337	439.75415	25.053246	23.531458	21.707996	-0.18156976	-0.102615856	-0.23523128	-0.17058133	1150.7634	632.15204	1270.0297	3052.9453
07-02-2022 04:16	49.975826	255.60052	262.8283	252.4363	449.2579	445.83182	440.1341	25.075026	23.695978	22.788542	-0.18377602	-0.10090894	-0.16394077	-0.14946161	1168.6532	624.6253	932.1966	2725.475
07-02-2022 04:17	50.014282	255.91394	263.0456	252.72865	449.68463	446.2898	440.67386	25.135126	23.792736	22.735348	-0.18327099	-0.10532281	-0.17100775	-0.15292507	1168.6266	655.3027	970.9827	2794.912
07-02-2022 04:18	50.01563	255.65334	263.1916	252.96315	449.7877	446.3123	440.75372	25.18424	23.97913	22.820463	-0.18348536	-0.11021738	-0.16264977	-0.15199958	1163.1785	660.7209	929.22723	2756.1892
07-02-2022 04:19	50.031094	255.6331	263.24472	252.98363	449.78055	446.49188	440.6757	25.192142	24.088425	22.749935	-0.18489838	-0.11639548	-0.1638745	-0.15492322	1179.2749	732.6163	931.05927	2842.9504
07-02-2022 04:20	50.019886	255.43843	262.9918	252.93295	449.39703	446.29535	440.39243	24.235611	23.56298	22.769854	-0.23209564	-0.091037825	-0.17564826	-0.1668624	1418.866	577.8461	993.6948	2990.4067
07-02-2022 04:21	50.00831	255.38217	262.89923	252.8407	449.25357	446.1558	440.25793	24.21613	23.505774	22.739082	-0.23204087	-0.09268739	-0.16287346	-0.16242416	1419.4866	562.62524	929.20013	2911.312
07-02-2022 04:22	49.96764	255.27998	262.99326	252.15582	449.1936	445.53848	439.7384	24.100208	23.535433	22.163273	-0.22708578	-0.096282914	-0.21038936	-0.17659013	1390.9609	594.91956	1159.9893	3145.8696
07-02-2022 04:23	49.93735	254.802	263.05777	252.02368	448.72153	445.47757	439.3264	24.14297	24.813805	22.127518	-0.22589616	-0.04962273	-0.21288756	-0.15865047	1377.7185	317.14597	1173.0585	2866.8604
07-02-2022 04:24	49.96105	255.02736	263.01913	252.47823	449.26782	445.71344	439.6552	24.169024	25.007153	22.084213	-0.22784448	-0.05370748	-0.21643774	-0.16164628	1393.6167	330.19284	1183.7958	2907.6052
07-02-2022 04:25	49.943752	254.89474	262.94037	252.95363	449.00446	446.19293	439.8935	24.201872	24.765564	23.186932	-0.2278243	-0.041800946	-0.13912229	-0.13428822	1385.9807	267.43845	801.2445	2454.6636
07-02-2022 04:26	49.94291	255.03859	262.8786	253.08607	449.1256	446.215	440.11993	24.219795	25.273438	23.169382	-0.22941212	-0.062102642	-0.14013833	-0.14186865	1405.0259	409.60925	813.59283	2628.228
07-02-2022 04:27	49.91925	255.02373	262.85342	252.99939	449.26788	445.8329	440.13748	24.159517	25.179958	23.168716	-0.22664149	-0.057155974	-0.13888445	-0.13884036	1383.5969	375.23193	805.1649	2563.994
07-02-2022 04:28	49.956875	255.15387	262.91168	252.93495	449.2994	446.15714	440.002	24.206482	24.73507	23.161148	-0.22240157	-0.038535964	-0.14250101	-0.13241172	1360.0775	249.90756	825.7405	2435.7256
07-02-2022 04:29	49.9634	255.33957	263.00693	253.07712	449.40005	446.33047	440.4575	24.223597	24.810656	23.319435	-0.22405152	-0.042350408	-0.13733594	-0.1322804	1365.5947	279.5506	797.14355	2442.289
07-02-2022 04:30	49.995457	255.29053	263.3515	253.35944	449.72342	446.76035	440.70502	24.261662	24.845463	23.30882	-0.2227848	-0.04174168	-0.13808821	-0.13222595	1366.8599	282.2081	806.95044	2456.0183
07-02-2022 04:31	50.029	255.80501	263.6189	253.27405	450.30167	446.9008	441.1929	24.234856	24.059877	22.228453	-0.21993454	-0.07662026	-0.21190308	-0.16724545	1349.0017	486.97876	1177.6589	3013.6396
07-02-2022 04:32	50.028492	255.86964	263.32675	253.21098	450.1895	446.74783	440.957	24.22084	24.07982	22.138073	-0.22146638	-0.0831764	-0.21648552	-0.17140663	1356.3911	517.728	1202.7009	3076.82
07-02-2022 04:33	50.022438	255.67067	263.1072	253.22357	449.923	446.55508	440.71255	24.223164	24.517908	22.767784	-0.22200918	-0.09811047	-0.17756887	-0.16464259	1365.5662	615.9383	1003.10205	2984.6064
07-02-2022 04:34	50.00902	255.7344	263.14536	253.1792	449.99948	446.61667	440.67575	24.21769	24.47408	23.947647	-0.22765161	-0.09383186	-0.10948104	-0.14322422	1394.1364	596.0886	657.6032	2647.8281
07-02-2022 04:35	50.016327	255.80122	262.9952	253.60936	449.93777	446.99756	440.9547	24.23794	23.891432	24.019817	-0.22499219	-0.06843569	-0.11113439	-0.13469231	1384.9854	428.394	669.90607	2483.2856
07-02-2022 04:36	49.976456	255.71812	262.8621	253.51112	449.75357	446.80255	440.78906	24.251184	24.223999	23.854683	-0.22518219	-0.08259342	-0.11603189	-0.14088991	1381.1118	524.2086	693.9459	2599.2664
07-02-2022 04:37	49.974915	255.84619	263.0802	253.5546	449.94418	446.8994	441.17435	24.2181	24.032074	23.999744	-0.22598682	-0.07709791	-0.11579965	-0.13925509	1387.23	468.49582	685.32806	2541.0537
07-02-2022 04:38	49.97064	255.55472	262.9549	253.41705	449.6308	446.77725	440.65265	24.188889	24.008972	23.983994	-0.22742595	-0.076658614	-0.11037221	-0.13778798	1392.7075	479.7143	670.5676	2542.9895
07-02-2022 04:39	49.97822	255.83661	263.04672	253.61363	450.08273	446.81854	441.14432	24.23445	24.854195	23.97017	-0.22448683	-0.045792688	-0.111769885	-0.12582844	1372.5677	309.09723	671.4264	2353.0913
07-02-2022 04:40	49.96919	255.35281	262.9943	253.15337	449.5502	446.32587	440.44556	24.197857	24.988668	22.661207	-0.22243598	-0.056025863	-0.18693978	-0.15209268	1354.6229	376.00357	1066.2986	2799.7375

07-02-2022 04:41	49.975998	255.44397	262.91302	253.17372	449.71085	446.26816	440.3959	24.204857	25.293028	22.763632	-0.22292101	-0.09083312	-0.18399082	-0.16355932	1364.4573	601.1273	1049.1012	3014.6855
07-02-2022 04:42	49.9716	255.14146	263.107	252.7232	449.43048	446.0685	439.91144	24.167034	24.75821	21.719286	-0.22126816	-0.0712094	-0.2219538	-0.16745381	1347.2975	471.7358	1206.3511	3025.3845
07-02-2022 04:43	49.993626	255.3452	263.06628	253.1147	449.65643	446.31525	440.39545	24.236765	24.83182	22.82377	-0.22593674	-0.07064421	-0.14966124	-0.14713037	1386.979	448.43372	852.67163	2688.0845
07-02-2022 04:44	49.983013	255.30405	263.14984	253.1765	449.651	446.51337	440.38437	24.24145	24.961887	22.800983	-0.22655185	-0.074628025	-0.16095063	-0.1531098	1388.4492	500.35916	926.6312	2815.4397
07-02-2022 04:45	50.003986	255.32109	263.10623	253.14157	449.68845	446.3798	440.37344	24.252327	24.864016	22.817135	-0.22807011	-0.0710786	-0.15106754	-0.14805707	1394.0896	466.7291	857.77826	2718.5972
07-02-2022 04:46	50.036266	255.43776	263.21115	252.8525	449.5895	446.417	440.32056	24.237211	23.918255	22.845774	-0.22771384	-0.098016314	-0.14787571	-0.15766604	1398.2358	621.9202	853.1778	2873.3337
07-02-2022 04:47	50.046288	255.64192	262.99857	252.97159	449.69617	446.4357	440.3871	25.212412	23.935213	22.864439	-0.18375975	-0.09770769	-0.14521296	-0.14338197	1172.2966	622.9765	836.3672	2631.6404
07-02-2022 04:48	50.04034	255.73097	262.8684	252.87796	449.60507	446.23642	440.44254	25.186188	24.377441	22.19486	-0.18327573	-0.12173679	-0.17777385	-0.16017404	1170.6666	777.11084	986.6177	2934.395
07-02-2022 04:49	50.059517	255.6167	263.0673	252.60281	449.6109	446.11063	440.23465	25.168312	24.389896	21.258265	-0.1801527	-0.12383482	-0.26324776	-0.18477012	1149.625	789.69116	1402.314	3341.6304
07-02-2022 04:50	50.079716	255.58914	263.24826	252.76585	449.82263	446.30307	440.37845	25.199526	23.910238	21.465038	-0.17940234	-0.10203035	-0.2646466	-0.17782477	1145.5674	639.89355	1418.2423	3203.7034
07-02-2022 04:51	50.05704	255.37433	262.98102	252.77257	449.2753	446.2263	440.17746	25.146921	23.585089	21.310589	-0.18076776	-0.1281015	-0.24754235	-0.18244007	1144.9677	795.418	1314.149	3254.535
07-02-2022 04:52	50.030994	255.60306	262.8364	253.1828	449.54248	446.36508	440.6243	25.185768	23.607304	22.19269	-0.184642	-0.12456168	-0.17908664	-0.1624466	1176.2191	776.50037	989.5899	2942.3093
07-02-2022 04:53	49.990208	255.21996	262.5311	253.10852	449.02435	446.02112	440.16467	25.111462	23.924494	22.25096	-0.18375503	-0.1367467	-0.17384264	-0.16457286	1176.8745	894.1916	961.0366	3032.1025
07-02-2022 04:54	49.9723	255.12297	262.6324	253.1208	448.9902	445.95212	440.29388	25.146774	24.412113	22.239933	-0.18275626	-0.09468173	-0.17399539	-0.14930196	1157.3922	609.459	967.02344	2733.8745
07-02-2022 04:55	49.957275	254.72443	262.5651	253.01152	448.7342	445.7903	439.71838	24.248907	24.221336	22.181215	-0.23120235	-0.086485885	-0.1753825	-0.16367024	1418.5869	556.925	971.6356	2947.1475
07-02-2022 04:56	49.928627	254.5977	262.2923	252.87473	448.32574	445.34213	439.64203	24.222221	24.829422	22.050545	-0.2296898	-0.10935277	-0.18365559	-0.17269537	1403.148	705.3086	1011.7249	3120.1812
07-02-2022 04:57	49.941883	254.69017	262.52612	252.90498	448.67868	445.4891	439.76077	24.204998	24.304438	22.15228	-0.22694775	-0.06948975	-0.17640197	-0.15579258	1386.4355	441.75543	975.31213	2803.5032
07-02-2022 04:58	49.93922	254.53105	262.74756	252.04086	448.40686	445.10834	439.03214	24.143753	24.286251	21.175259	-0.2246767	-0.0745841	-0.25610042	-0.18016836	1367.4208	449.58725	1343.5688	3160.5767
07-02-2022 04:59	49.915665	254.63348	262.6507	252.51242	448.39615	445.4772	439.4962	24.157597	24.385056	21.066597	-0.2257058	-0.074196436	-0.24654876	-0.1793411	1373.7673	471.90698	1337.7693	3183.4436

Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
07-02-2022 05:00	49.919678	254.70131	262.65234	252.50931	448.41077	445.52542	439.54837	24.188387	24.261572	21.5587	-0.2250899	-0.06782441	-0.22595817	-0.17034051	1380.4645	438.61536	1215.8711	3034.9512
07-02-2022 05:01	49.94627	254.89162	262.52917	252.979	448.66476	445.79272	439.95462	24.227953	24.493837	22.740881	-0.22949061	-0.07417475	-0.14386019	-0.14813057	1403.9749	474.84796	818.5205	2697.3435
07-02-2022 05:02	49.927856	255.04414	262.16385	253.13136	448.8486	445.64072	439.81845	24.189512	23.65772	23.823986	-0.2322263	-0.09993758	-0.10645666	-0.146346	1423.2275	624.8436	643.99146	2692.0627
07-02-2022 05:03	49.91852	254.79494	261.9707	253.00589	448.5122	445.19333	439.61588	24.208687	24.07935	23.80579	-0.23314135	-0.11767312	-0.1075751	-0.1526601	1423.8198	734.0284	641.5679	2799.416
07-02-2022 05:04	49.91736	254.22849	261.69965	252.51059	447.66885	444.59482	438.75143	24.303991	23.57571	23.853445	-0.23060332	-0.09735914	-0.109988764	-0.14711803	1408.9001	596.15076	660.60657	2665.6572
07-02-2022 05:05	49.903706	253.76695	261.1571	251.80742	446.73572	443.88745	437.44135	24.21074	23.425991	23.791983	-0.23204893	-0.09369448	-0.10653666	-0.14431675	1395.9282	577.3152	626.51575	2599.7593
07-02-2022 05:06	49.86161	253.83505	261.0871	251.87643	446.93973	443.58374	437.65332	24.137888	23.505508	23.73079	-0.22680193	-0.09770246	-0.10789037	-0.14424759	1379.7462	613.54236	643.00116	2636.2896
07-02-2022 05:07	49.839886	253.50874	261.44473	251.51588	446.74594	443.56076	437.30408	24.086956	23.588335	22.57369	-0.22279105	-0.104274504	-0.18540646	-0.17011276	1341.4318	638.2762	1040.4763	3020.1843
07-02-2022 05:08	49.820293	253.19896	261.17456	251.34389	445.64404	443.3531	437.30402	24.073164	23.538143	22.515274	-0.2232321	-0.10384846	-0.17586032	-0.16697922	1340.1624	633.72644	984.9301	2958.8188
07-02-2022 05:09	49.803905	253.38837	261.33298	250.62947	445.79095	442.7977	437.07874	24.051115	23.886211	22.549137	-0.2229242	-0.08293815	-0.17588615	-0.15945478	1341.1195	514.7197	982.1671	2838.0063
07-02-2022 05:10	49.786777	253.19183	261.27386	250.97112	446.2005	443.3219	436.30835	24.103191	25.487782	23.652601	-0.22402991	-0.07096895	-0.111251846	-0.13395977	1351.5088	463.56534	653.7536	2468.828
07-02-2022 05:11	49.79927	253.36824	261.17798	251.62846	445.9311	443.6473	437.516	24.155294	25.201845	23.604277	-0.22550376	-0.06808613	-0.1196304	-0.13520454	1356.4528	432.3086	704.2728	2493.0342
07-02-2022 05:12	49.78098	253.15059	260.98703	251.35614	446.2098	443.3082	436.40704	24.083336	24.828947	23.66351	-0.22431445	-0.053705264	-0.11177835	-0.12828407	1358.2532	362.81723	652.97815	2370.2048
07-02-2022 05:13	49.776833	253.02974	260.85767	251.27362	445.76315	442.45004	437.11917	24.08063	25.00053	23.621933	-0.22492789	-0.06144324	-0.11066008	-0.13170208	1356.427	403.46237	649.8754	2409.7646
07-02-2022 05:14	49.806	253.14775	260.78992	251.20027	445.60956	442.43973	437.24225	24.087887	24.61132	23.667772	-0.22382179	-0.04497898	-0.10882453	-0.12625107	1351.5382	315.7119	646.3257	2313.5757
07-02-2022 05:15	49.802505	252.91782	260.57367	251.00934	444.7814	442.8087	436.60455	24.037773	24.550117	23.579353	-0.22397983	-0.043166853	-0.11878306	-0.12698364	1352.0969	265.4241	696.8084	2314.329
07-02-2022 05:16	49.773438	252.78577	260.10422	250.88148	444.78564	442.20172	435.94763	24.059935	24.58214	23.58434	-0.2250103	-0.04722962	-0.10718556	-0.1250493	1354.7607	303.92706	628.9021	2287.5898
07-02-2022 05:17	49.805313	252.7986	260.16946	250.5143	445.04126	441.32126	436.06656	23.96777	23.670403	22.449457	-0.2209094	-0.07703382	-0.17133835	-0.1554526	1323.2175	473.25238	952.0814	2748.5513
07-02-2022 05:18	49.85825	252.71587	260.1404	250.47319	444.64398	441.39432	436.12408	24.04861	24.406494	22.446518	-0.22214822	-0.105498984	-0.1730309	-0.16578259	1339.5039	680.16	965.66504	2985.329
07-02-2022 05:19	49.84946	252.58763	260.2158	250.43996	444.30914	441.4266	436.27277	23.972916	23.805275	22.473175	-0.22243994	-0.07797866	-0.18462348	-0.1603841	1333.2839	479.5451	1026.8151	2839.644
07-02-2022 05:20	49.86148	252.8047	259.89575	250.62614	444.50586	441.26416	436.38293	24.095604	23.763952	23.62169	-0.22332895	-0.071746804	-0.10843509	-0.13530843	1346.3875	456.46317	638.6579	2441.5085
07-02-2022 05:21	49.868782	252.91306	260.14014	250.31079	444.47784	441.6401	436.1067	24.07594	23.906439	23.638422	-0.22758111	-0.076877385	-0.110637	-0.13738519	1361.1211	473.3588	647.5104	2481.9902
07-02-2022 05:22	49.84067	252.83621	259.91916	250.2779	444.76328	441.55783	435.33987	24.945402	23.89147	23.19368	-0.1821426	-0.08136367	-0.1625971	-0.14234005	1134.031	512.9073	939.95233	2586.8906
07-02-2022 05:23	49.85304	252.97282	259.95145	250.49023	445.088	441.5741	435.65668	24.965614	23.577967	22.94421	-0.18450643	-0.094045	-0.1472932	-0.14207532	1151.3038	574.7932	839.8113	2565.9082
07-02-2022 05:24	49.820118	252.58936	259.55524	250.15268	443.7007	440.96002	435.71246	24.901112	23.719421	23.036072	-0.1863426	-0.0957931	-0.14100844	-0.14152181	1163.4711	587.1477	804.89874	2555.5176
07-02-2022 05:25	49.801273	252.69298	259.81696	250.3568	444.58264	440.88132	435.89612	24.937782	25.12436	23.049923	-0.1845736	-0.085956484	-0.1466527	-0.13823816	1150.8558	555.3326	838.51904	2544.7075
07-02-2022 05:26	49.777733	252.54112	259.8464	249.78429	444.09882	440.53867	435.52005	24.884884	24.389072	21.643341	-0.18165459	-0.07101448	-0.2333039	-0.158042	1129.8887	448.74786	1249.462	2828.0984
07-02-2022 05:27	49.797382	253.0242	259.554	249.81923	444.70697	441.3241	434.5335	22.669178	24.61111	21.524183	-0.046471123	-0.07199305	-0.22871868	-0.1116185	265.00446	458.20105	1218.2108	1941.4163
07-02-2022 05:28	49.809658	252.89641	259.3578	249.69275	444.34637	440.2985	435.1305	22.66063	24.8048	21.556032	-0.04831508	-0.07961879	-0.22307011	-0.11326587	274.9787	505.6584	1178.1741	1958.811
07-02-2022 05:29	49.797726	252.85985	259.04135	249.9352	443.98148	440.32382	435.2743	22.646736	24.676098	22.58029	-0.052578844	-0.07406553	-0.14908352	-0.090887904	301.36273	461.1524	842.3804	1603.5596
07-02-2022 05:30	49.841602	252.59985	259.23328	250.1818	444.11258	441.38773	434.39667	21.640099	24.75107	22.714848	-0.09795004	-0.069782205	-0.16960488	-0.105390176	541.401	448.91443	838.94214	1829.2576
07-02-2022 05:31	49.8482	252.64626	259.21988	250.07013	443.74496	441.3607	434.65317	21.648739	24.654953	22.577774	-0.09747082	-0.066980064	-0.15599564	-0.105615035	536.85583	433.423	867.9956	1838.2744
07-02-2022 05:32	49.866817	252.7876	259.22702	250.16675	444.0226	441.3151	434.84518	21.675901	25.238743	22.584612	-0.096229136	-0.08605765	-0.15179473	-0.11035657	524.1828	557.52515	849.0839	1930.792
07-02-2022 05:33	49.886593	252.84	259.21014	249.87541	444.12335	440.9799	434.6388	21.63084	24.274294	22.604927	-0.09668013	-0.10863393	-0.15039526	-0.11842022	523.2775	678.25366	840.83954	2042.3706
07-02-2022 05:34	49.876385	252.79596	259.03903	250.01407	443.60266	441.12164	434.88034	22.104176	23.995872	22.665636	-0.07744862	-0.09349532	-0.14738287	-0.10580282	430.25537	575.5978	826.9034	1832.7565
07-02-2022 05:35	49.851803	252.5705	258.92725	249.3606	443.83228	440.10583	433.9577	22.041264	23.661325	21.526041	-0.07195085	-0.09030345	-0.23061053	-0.12831344	399.0605	539.7793	1223.0536	2161.8933
07-02-2022 05:36	49.830837	251.60342	259.013	249.31796	442.2094	440.17212	433.9057	22.03082	23.674726	21.542107	-0.06994542	-0.09140464	-0.227441	-0.12715124	387.75955	564.9213	1212.1979	2164.8787
07-02-2022 05:37	49.82658	251.5741	258.71365	249.33244	442.43182	439.19846	434.106	22.001312	23.317421	21.00461	-0.07269715	-0.120150685	-0.23935731	-0.14153588	390.0463	707.63245	1242.3966	2341.2627
07-02-2022 05:38	49.806473	251.39847	258.48264	249.26314	441.83926	439.7297	433.3511	22.00122	23.25755	22.0159	-0.074919954	-0.11390073	-0.16427784	-0.11741051	415.45435	661.5132	897.695	1974.6625
07-02-2022 05:39	49.782593	252.01317	257.56198	249.30084	442.4214	439.15225	432.8784	21.994352	24.04217	21.894825	-0.07719418	-0.13587789	-0.1602496	-0.124680616	423.63126	826.813	867.1124	2117.5566
07-02-2022 05:40	49.755936	251.40105	257.4022	249.24916	441.59213	438.91776	432.5154	21.987686	24.65493	22.014372	-0.07543992	-0.0851191	-0.18387878	-0.113203496	412.9087	541.94366	992.4447	1947.8595
07-02-2022 05:41	49.77697	251.60419	257.8552	249.12839	442.19553	438.44864	433.30695	21.97903	24.098625	22.094078	-0.076100886	-0.06349029	-0.18222092	-0.10530657	418.36365	388.35248	994.5981	1801.3142
07-02-2022 05:42	49.763012	251.71541	257.65924	248.97296	442.4449	438.26794	432.82498	21.936369	24.109507	22.047241	-0.07461305	-0.06627695	-0.18194707	-0.105684645	408.2358	388.08304	989.8867	1786.2054
07-02-2022 05:43	49.765255	251.4176	257.7029	248.86867	441.40082	438.41632	433.0973	21.94656	24.151108	21.996422	-0.06676814	-0.06599993	-0.16603915	-0.097992085	367.78992	412.27094	902.7192	1682.7802
07-02-2022 05:44	49.802628	251.02505	257.7624	247.95422	441.42795	437.764	431.57498	21.905935	24.117287	20.96267	-0.06288928	-0.07068205	-0.23801246	-0.11943296	343.9922	436.48846	1238.8158	2019.2966
07-02-2022 05:45	49.787647	251.03502	257.8064	248.09875	440.696	438.33597	432.07166	21.906559	24.111254	21.019188	-0.06355655	-0.0712028	-0.2570765	-0.12581156	344.3586	434.36188	1317.846	2096.543
07-02-2022 05:46	49.792343	251.28448	257.72495	248.56432	441.0291	438.407	432.76038	21.957264	24.14864	21.003822	-0.06509655	-0.07019633	-0.2547038	-0.124227405	353.24658	417.78287	1321.7761	2092.8054
07-02-2022 05:47	49.776245	250.85492	257.23233	248.63956	440.65054	438.45245	431.6301	21.940804	24.605837	21.95364	-0.0700438	-0.08549611	-0.15990172	-0.10406252	384.77036	565.6108	871.7343	1822.1155
07-02-2022 05:48	49.76766	251.00597	257.10687	248.55083	441.24393	437.8586	431.52054	21.906164	23.340397	21.849766	-0.06713876	-0.098797195	-0.15410393	-0.10673348	371.46777	593.45776	830.9305	1795.856
07-02-2022 05:49	49.763943	250.73393	256.61237	248.36075	440.43765	437.60712	430.91928	21.87042	23.338413	22.45111	-0.07168309	-0.09542074	-0.12195397	-0.096458584	391.77942	561.82196	674.0365	1627.638
07-02-2022 05:50	49.724735	250.4303	256.4421	247.81126	439.56433	436.21106	431.4107	21.761892	23.12498	21.357174	-0.06890768	-0.09238653	-0.20184162	-0.119415246	372.82648	544.46136	1059.4786	1976.7665
07-02-2022 05:51	49.727234	250.22412	256.0598	248.18365	439.96155	436.13614	430.7122	21.818996	23.307419	22.37008	-0.07287312	-0.09332804	-0.12231675	-0.094959654	395.06366	536.4881	664.8019	1596.3536
07-02-2022 05:52	49.74646	250.15852	256.06088	247.98944	439.07254	435.95593	431.33066	21.846642	23.436653	22.352703	-0.07240904	-0.09847844	-0.12953292	-0.10021987	389.8504	597.01465	716.99945	1703.8645
07-02-2022 05:53	49.75523	249.83688	256.46417	248.20737	438.6999	437.39893	430.7871	21.848974	23.299799	22.39049	-0.07152967	-0.091658145	-0.12506208	-0.09611395	388.32434	539.4236	682.57666	1610.3247
07-02-2022 05:54	49.769394	249.78821	256.36395	247.79843	438.91702	436.6034	430.4018	21.86553	23.908142	21.3167	-0.06816167	-0.12695812	-0.20916839	-0.12977125	369.57452	701.9921	1090.4618	2162.0286
07-02-2022 05:55	49.764027	249.75912	256.2355	247.57417	439.15424	435.4454	430.65378	21.842823	24.178408	21.317669	-0.06872563	-0.09534572	-0.20079309	-0.11965051	371.12958	584.50964	1049.2217	2004.8608
07-02-2022 05:56	49.839375	250.13153	256.84265	247.45343	440.082	436.11838	430.55173	21.97319	24.427567	22.45307	-0.06562102	-0.039014123	-0.13585448	-0.07844794	357.10385	243.60959	747.9028	1348.6162
07-02-2022 05:57	49.870804	250.42781	256.53986	247.96649	439.8967	436.78976	430.93958	23.041195	24.676743	23.663975	-0.029276505	-0.049442306	-0.09037067	-0.0562843	158.95004	313.01416	519.40735	990.9067
07-02-2022 05:58	49.913475	250.20645	256.25845	247.66266	439.37888	435.99026	430.8563	23.012512	24.646141	23.677132	-0.02820339	-0.04906838	-0.09180322	-0.055793673	165.44504	292.6541	535.7035	993.8026
07-02-2022 05:59	49.970333	250.4848	256.63412	247.98518	439.7382	436.92557	431.25522	23.10385	24.698467	23.785622	-0.030033214	-0.047015406	-0.095567964	-0.057392303	173.48749	299.22525	550.3857	1023.09845

Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
07-02-2022 06:00	50.052917	250.50385	256.66766	248.15161	439.77652	437.09012	431.43057	23.131678	24.748812	23.711634	-0.031829685	-0.048775487	-0.09627488	-0.058763828	177.27357	295.0205	562.92883	1035.2229
07-02-2022 06:01	50.100384	252.97475	258.84836	250.80763	444.3316	441.0045	435.6149	23.386337	25.504414	23.966715	-0.034084216	-0.07375849	-0.08874794	-0.0659129	208.37953	484.08826	527.96533	1220.4331
07-02-2022 06:02	50.087273	255.10126	261.2289	252.90115	447.80502	445.0116	439.56763	23.55261	25.601154	24.201427	-0.034574397	-0.07086379	-0.09282991	-0.06637744	199.68988	464.45865	568.8655	1233.3226
07-02-2022 06:03	50.083736	255.5378	263.2387	253.90288	449.9974	447.117	441.24496	23.643705	25.22703	22.531738	-0.028601745	-0.05775101	-0.18384402	-0.08721947	167.37007	379.00223	1046.3478	1592.72
07-02-2022 06:04	50.068413	255.55688	263.0405	253.83244	449.5901	447.35742	440.9832	23.594078	24.384155	22.415064	-0.029907871	-0.08400704	-0.18732683	-0.098316364	179.1402	535.09814	1054.157	1768.3953
07-02-2022 06:05	50.029617	255.02948	262.94324	254.18134	449.17877	447.5915	440.67892	22.471745	24.455652	23.727886	-0.079407215	-0.08352002	-0.13448751	-0.09908568	451.90213	549.7356	808.2064	1809.4143

07-02-2022 06:06	50.010887	255.22385	262.72314	253.98325	449.36993	447.02414	440.66904	22.460796	24.253881	23.680374	-0.07807236	-0.09590561	-0.13368145	-0.102763094	446.89896	606.3567	789.36005	1842.6157
07-02-2022 06:07	49.968777	255.23415	262.90768	253.4119	449.29828	446.6132	440.50134	22.41207	24.279526	23.5988	-0.07304525	-0.09880385	-0.13451053	-0.10241468	414.41266	628.9691	799.96533	1843.3472
07-02-2022 06:08	49.93358	255.03214	262.75543	253.18118	449.07016	446.2832	440.04807	22.37684	24.414999	23.417921	-0.07520677	-0.10338	-0.12325517	-0.10048349	427.6315	648.7229	717.37885	1793.7332
07-02-2022 06:09	49.90079	254.85638	262.42963	253.57677	448.81216	446.36432	440.03815	22.373713	24.49302	23.480698	-0.07589035	-0.10872897	-0.11513219	-0.10338446	435.3099	744.0758	679.3464	1858.7319
07-02-2022 06:10	49.86036	254.89749	262.13443	253.2768	448.1212	446.28802	439.8459	22.341661	24.07487	23.429943	-0.07624875	-0.09427872	-0.11559656	-0.09557953	431.5311	594.92426	673.1367	1699.0375
07-02-2022 06:11	49.817223	254.37746	262.1874	252.51974	447.76984	444.93335	439.42593	22.297915	24.886515	22.292387	-0.070023865	-0.072199136	-0.19644958	-0.11059965	391.98584	472.31787	1095.703	1960.0067
07-02-2022 06:12	49.83316	254.3445	262.19028	252.62689	448.08252	444.98834	439.19583	22.277346	24.735992	22.236061	-0.07126049	-0.06348497	-0.18509468	-0.104269296	401.15848	418.1941	1037.0955	1856.448
07-02-2022 06:13	49.796906	253.98103	261.9142	252.31094	447.15298	444.35678	439.0931	22.258474	25.008432	22.10313	-0.07029381	-0.07693348	-0.19515616	-0.11269209	394.72348	522.9627	1072.679	1990.3651
07-02-2022 06:14	49.87031	254.28468	262.12683	253.1582	447.90982	445.8217	439.2448	22.339397	25.099562	23.428972	-0.07462757	-0.07526761	-0.12384463	-0.090552956	416.46753	493.48557	727.34875	1637.302
07-02-2022 06:15	49.934464	254.74745	262.24036	253.36234	448.50595	445.7953	440.02115	22.421457	25.022701	24.097836	-0.07562145	-0.064522564	-0.0914499	-0.07738431	435.2082	422.83447	552.96606	1411.0088
07-02-2022 06:16	50.00308	254.92953	262.41183	253.61375	448.9415	446.14685	440.28238	22.476746	25.483187	24.086258	-0.07623522	-0.082145736	-0.09218567	-0.083618574	432.5787	565.1094	558.6952	1556.3833
07-02-2022 06:17	50.019714	254.69293	262.28592	253.4466	448.5822	445.93344	439.93848	22.510723	25.48948	24.0513	-0.074250035	-0.08420621	-0.10133072	-0.08674454	423.17154	558.8407	611.7251	1593.7372
07-02-2022 06:18	50.02531	254.43143	261.9298	253.06395	447.81433	445.43652	439.47067	22.443588	24.787455	24.160381	-0.07334294	-0.053904828	-0.09287545	-0.072923884	416.27533	349.0134	562.15564	1327.4443
07-02-2022 06:19	50.043552	254.44122	262.02148	252.75601	447.80106	445.50723	439.06165	22.410421	24.164932	24.125586	-0.07381364	-0.093283005	-0.0915822	-0.08659056	417.86298	587.9648	553.129	1558.9569
07-02-2022 06:20	50.03958	254.46504	262.23166	252.38664	447.8719	445.26468	438.99982	22.388512	24.413702	22.896654	-0.07000168	-0.10636437	-0.16844012	-0.11476589	396.39194	676.38367	963.1377	2035.9132
07-02-2022 06:21	50.02519	254.38483	261.80112	252.5645	447.53583	445.10852	438.91296	22.363598	24.312822	22.894958	-0.071956016	-0.103637874	-0.1564007	-0.11058296	406.646	656.68713	895.3705	1958.7036
07-02-2022 06:22	50.02147	254.13554	261.62317	252.43318	447.22092	444.663	438.70355	22.298115	24.127443	23.085827	-0.066279076	-0.077912465	-0.17922623	-0.10719465	373.3791	490.82446	1032.4979	1896.7015
07-02-2022 06:23	49.973976	253.7864	260.8779	252.2784	446.2695	444.10016	438.05267	22.232029	23.717476	24.128265	-0.07125418	-0.10032885	-0.11119454	-0.094786175	398.88245	618.3045	670.07416	1687.261
07-02-2022 06:24	49.95102	254.12257	260.86386	252.03043	446.39105	443.904	438.25504	22.240177	24.208942	24.048264	-0.06971098	-0.11639609	-0.115921594	-0.10240726	403.27838	730.6188	695.9771	1829.8743
07-02-2022 06:25	49.954483	254.0842	260.96466	251.90335	446.24332	444.03772	438.1581	22.241003	23.810226	24.116966	-0.06804872	-0.105241865	-0.109847695	-0.09507257	382.4181	651.4308	660.60065	1694.4495
07-02-2022 06:26	49.946476	253.776	260.8927	251.77997	445.92847	443.97153	437.66946	22.221537	23.657198	24.072668	-0.06955988	-0.099553175	-0.091533765	-0.087375775	382.28653	620.0787	548.1649	1550.5303
07-02-2022 06:27	49.935837	253.90915	260.91574	251.56949	446.2405	443.97137	437.26904	22.236435	24.500809	24.036545	-0.06823791	-0.06947444	-0.09691019	-0.07933704	383.63934	460.95975	581.2991	1425.8982
07-02-2022 06:28	49.973053	254.02994	260.77026	251.50938	446.09207	443.60037	437.6366	22.240095	24.58539	23.968208	-0.06722299	-0.07465973	-0.10116185	-0.08112733	373.81375	475.3766	602.5397	1451.73
07-02-2022 06:29	49.972652	254.04134	260.8877	251.18582	446.04376	443.37106	437.57697	22.23373	24.456413	22.838297	-0.06388731	-0.07384556	-0.16343385	-0.09946942	365.00977	458.9746	932.0804	1756.0647
07-02-2022 06:30	50.025864	254.57755	261.32947	251.69849	446.90298	444.22406	438.44647	22.301933	24.601467	22.895374	-0.06416943	-0.073217615	-0.15689318	-0.09722519	362.27023	467.98645	894.1839	1724.4407
07-02-2022 06:31	50.05438	254.58926	261.5281	251.3094	447.07428	443.82587	438.36472	22.3561	25.166298	22.854126	-0.064829685	-0.099044435	-0.15750724	-0.103375435	352.2182	592.3351	900.4697	1845.023
07-02-2022 06:32	50.05686	254.909	261.56625	251.6448	447.50198	444.3763	438.5902	23.442392	24.66655	22.954903	-0.023613358	-0.07710853	-0.13206382	-0.07578075	136.56816	479.62784	752.36664	1368.5626
07-02-2022 06:33	50.04565	254.74323	261.0359	251.20738	446.8138	443.63748	438.05237	23.418167	24.693554	22.970484	-0.023119155	-0.077735275	-0.12534925	-0.07483817	141.27756	495.8144	707.10455	1344.1965
07-02-2022 06:34	50.03785	254.56718	261.53925	249.1522	446.29095	442.45602	436.76816	23.201645	23.476185	20.730087	-0.009317975	-0.120987095	-0.57006156	-0.2116777	49.564674	747.3274	2772.3853	3569.2773
07-02-2022 06:35	50.010952	255.73618	260.32614	249.4467	447.00632	442.99545	435.9481	22.979767	33.056213	36.8559	-0.028101731	-0.070454225	-0.46942282	-0.21386953	169.94989	596.50183	4261.696	5028.1475
07-02-2022 06:36	50.0259	256.24835	260.476	248.3292	446.92648	442.70663	435.52322	22.73964	33.044296	42.109055	-0.021516737	-0.0754442	-0.5986034	-0.2817043	125.76967	646.0397	6183.88	6955.689
07-02-2022 06:37	50.02074	255.33276	259.92343	249.78708	446.45724	442.9795	435.70004	22.841436	33.09863	41.702785	-0.033857096	-0.06367364	-0.4373864	-0.21249385	198.14633	548.40466	4494.5938	5241.145
07-02-2022 06:38	49.9722	255.36285	259.25647	249.21965	446.06436	442.15677	434.8239	22.817905	33.572163	40.720844	-0.03677644	-0.08679129	-0.48780158	-0.23777908	203.40575	726.5315	4887.223	5817.1606
07-02-2022 06:39	49.944687	254.91956	258.85214	248.96304	445.60742	441.43622	434.09067	22.748863	33.415787	40.82312	-0.03781478	-0.08311826	-0.48649126	-0.23813228	218.27725	716.5333	4882.579	5817.39
07-02-2022 06:40	49.95102	254.84079	258.92923	248.94989	445.419	441.51266	434.17764	21.713083	33.082268	40.495525	-0.08265644	-0.068795554	-0.50200284	-0.25191996	451.47852	556.9325	5005.694	6014.1055
07-02-2022 06:41	49.914024	254.41353	258.4873	248.99619	444.67438	441.19827	433.80603	21.708973	33.36367	41.01716	-0.08473083	-0.049084146	-0.46304083	-0.23003064	458.05392	407.01953	4656.6245	5521.698
07-02-2022 06:42	49.88323	254.03253	258.78915	248.6718	444.3894	441.27118	433.3248	21.663961	34.23926	41.03304	-0.082666874	-0.03401818	-0.46187633	-0.2219334	446.43375	318.87582	4668.5264	5433.836
07-02-2022 06:43	49.86996	253.54745	258.4805	247.89809	443.4637	440.34518	432.46484	21.614017	34.1523	40.96281	-0.080873884	-0.034603786	-0.46625382	-0.22206634	431.40662	282.7928	4675.9565	5390.1562
07-02-2022 06:44	49.88897	253.74486	258.4445	248.3162	444.08798	440.2572	432.9362	21.649122	34.038208	41.10714	-0.08169673	-0.02956594	-0.46205443	-0.22072351	442.2644	242.64937	4651.643	5336.338
07-02-2022 06:45	49.87256	253.26749	258.22525	247.84845	443.60214	440.08298	431.5762	21.58646	34.092644	41.084	-0.080227524	-0.02862598	-0.46326348	-0.22020727	429.284	250.82877	4657.3604	5337.473
07-02-2022 06:46	49.925747	253.43571	258.3427	248.14453	443.63766	440.59247	432.03375	21.663628	34.64647	41.156464	-0.081592835	-0.049054027	-0.46179938	-0.22559339	432.74133	422.67126	4657.4097	5512.8223
07-02-2022 06:47	49.939457	253.27364	258.37057	247.52245	443.2375	440.01212	431.71133	21.610376	34.133457	40.675545	-0.075489655	-0.033366486	-0.50557786	-0.23721163	411.62195	283.60193	5026.9795	5722.203
07-02-2022 06:48	49.973434	253.74962	258.76587	248.20018	444.21143	440.9111	432.51993	21.649921	34.129368	40.70851	-0.07780479	-0.047644433	-1.9923482	-0.24070235	428.92056	419.52756	4986.2656	5834.714
07-02-2022 06:49	49.968544	253.90169	258.66425	248.24649	444.34525	440.69257	432.77332	21.659084	34.176517	40.732	-0.08002105	-0.04621747	-0.49978748	-0.24060015	429.0634	410.0332	4986.711	5825.8076
07-02-2022 06:50	49.956375	254.0826	258.28528	248.62012	444.29776	440.79523	433.01132	21.647799	33.29663	41.241116	-0.0842954	-0.06409838	-0.4591582	-0.23432319	448.34607	548.07056	4655.4873	5651.9043
07-02-2022 06:51	49.945126	254.0101	258.2303	248.79428	444.14166	440.99008	433.0495	21.640005	33.424805	41.65423	-0.083211176	-0.0643654	-0.44801712	-0.23074958	462.9131	552.286	4581.6445	5596.8438
07-02-2022 06:52	49.923832	253.82591	258.07367	248.83357	443.77914	440.7171	433.16446	21.623108	33.383553	42.488903	-0.087472625	-0.0639957	-0.42088652	-0.22156921	475.65936	549.4598	4396.646	5421.765
07-02-2022 06:53	49.92431	253.78256	257.93433	248.98845	443.9266	440.7414	432.9407	21.631393	33.699528	42.463512	-0.08815746	-0.07554225	-0.42100498	-0.22540069	479.73212	653.5585	4397.974	5531.2646
07-02-2022 06:54	49.953438	254.37268	258.21695	248.82259	444.36893	441.033	433.43118	21.634296	33.473984	43.229176	-0.087808125	-0.0638443	-0.4118903	-0.21936423	488.26996	549.03125	4372.978	5410.279
07-02-2022 06:55	49.95977	254.4364	258.0814	248.93529	444.2734	441.098	433.52768	21.635586	33.534912	43.24401	-0.08935119	-0.06692137	-0.41674972	-0.22244428	481.7046	580.84644	4447.627	5510.178
07-02-2022 06:56	49.90675	254.38129	258.06335	248.66504	444.21655	440.53238	433.5645	21.61845	33.358383	42.48584	-0.08540167	-0.06639185	-0.4539102	-0.23505002	455.397	565.3938	4732.4766	5753.2676
07-02-2022 06:57	49.911263	254.2822	258.37033	248.47508	444.2188	441.0023	433.1212	21.616219	34.1869	42.47684	-0.08413346	-0.047755606	-0.45220253	-0.225709	447.5743	423.83728	4723.899	5595.3105
07-02-2022 06:58	49.91973	253.74222	258.70755	248.99359	444.08545	441.28198	433.53125	22.080297	33.23327	42.539917	-0.14033441	-0.08426139	-0.452166	-0.25380692	778.89764	720.833	4723.088	6222.8184
07-02-2022 06:59	49.91067	253.80194	259.7107	249.82446	445.40836	442.13547	434.64767	25.539814	40.96894	44.843246	-0.16905905	-0.1083982	-0.43951738	-0.25285348	1084.4567	1150.7017	4860.311	7095.469
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
07-02-2022 07:00	49.932743	253.70738	259.507	249.90706	445.4877	442.3479	433.97705	26.605862	44.275055	48.29824	-0.16207892	-0.124933295	-0.4326947	-0.25556585	1077.9008	1410.5969	5173.45	7661.948
07-02-2022 07:01	50.017826	253.97383	259.87872	250.18929	445.9752	442.76755	434.66687	26.664783	44.336296	48.657974	-0.16036633	-0.11854464	-0.42949384	-0.25381964	1077.573	1376.1327	5174.833	7628.538
07-02-2022 07:02	50.045803	253.61047	259.79825	250.04199	445.64087	442.5115	434.23535	26.740473	44.087357	48.760468	-0.15871689	-0.11155082	-0.4282304	-0.24833016	1066.6323	1259.3927	5167.2583	7493.2837
07-02-2022 07:03	50.062675	253.57286	259.72684	249.86952	445.238	442.30438	434.35822	26.768753	44.27305	48.753815	-0.15785575	-0.114075534	-0.43109867	-0.2503786	1062.6097	1286.6526	5203.3735	7552.6357
07-02-2022 07:04	50.04368	253.23013	259.5375	249.61922	444.9839	441.7535	433.81064	26.767616	44.116165	48.762207	-0.15716395	-0.09997141	-0.42714682	-0.24304852	1052.0049	1128.6718	5150.411	7331.088
07-02-2022 07:05	49.98944	253.13878	259.19318	248.76181	444.2939	440.94507	433.07117	26.583282	43.268528	47.931618	-0.15644962	-0.12009783	-0.4618998	-0.2645415	1038.3403	1330.2422	5458.6255	7827.208
07-02-2022 07:06	49.971256	252.99289	258.98883	247.97052	443.77106	440.22867	432.33636	27.596264	43.210262	47.88551	-0.11702394	-0.12031504	-0.46169612	-0.25421363	806.27295	1335.0969	5421.0444	7562.4146
07-02-2022 07:07	49.948536	253.03235	258.26788	248.27876	443.58676	439.61203	432.48325	27.579613	43.686794	47.824615	-0.11814982	-0.13271697	-0.46569315	-0.26027316	812.135	1475.6624	5461.597	7749.3945
07-02-2022 07:08	49.946022	252.54874	258.03894	248.14493	442.9003	439.40244	431.91193	27.587498	43.672825	48.172432	-0.12106653	-0.12869027	-0.41736814	-0.24106978	834.40576	1403.6123	4948.0557	7186.074
07-02-2022 07:09	49.92694	252.64706	257.7876	248.00647	442.6372	439.52356	431.54156	27.53011	42.694126	48.143955	-0.121368356	-0.13021418	-0.41883397	-0.24318178	837.6214	1418.9893	4949.4146	7205.4937
07-02-2022 07:10	49.901638	251.92094	256.93002	247.18867	441.3767	437.79144	430.37793	27.442846	42.470154	47.958	-0.12210048	-0.12883416	-0.41679215	-0.24201304	838.70056	1368.0288	4891.195	7097.9243
07-02-2022 07:11	49.894886	251.54103	256.7897	246.95763	440.90543	437.3034	430.03903	27.390959	42.54908	47.86019	-0.12130553	-0.13103908	-0.4209896	-0.24420999	827.5895	1420.6904	4925.8916	7174.171
07-02-2022 07:12	49.91304	251.30766	256.60544	247.04051	440.5898	437.46835	429.60498	27.433397	42.696243	47.930878	-0.121584974	-0.13112366	-0.41724357	-0.24322306	828.5556	1447.9993	4886.293	7162.8477
07-02-2022 07:13	49.922474	250.73206	256.4808	246.82246	440.03122	436.92123	429.12506	27.462254	43.667088	48.00657	-0.12125652	-0.115495615	-0.41787967	-0.23729174	833.25134	1300.4869	4892.2974	7026.0356
07-02-2022 07:14	49.912292	251.17497	256.38327	246.30489	440.17712	436.87918	428.71942	26.449575	43.065308	47.231483	-0.1605275	-0.10818663	-0.45467705	-0.25722393	1059.8671	1207.4907	5248.248	7515.606
07-02-2022 07:15	49.94484	250.80988	256.18143	246.73294	440.20242	436.74503	428.58582	26.52092	43.579407	47.341457	-0.16190635	-0.11426562	-0.4528438	-0.25887212	1072.332	1287.1234	5230.928	7590.384
07-02-2022 07:16	50.002148	251.0231	256.48312	247.02184	440.59827	437.391	428.93494	26.596758	43.580204	47.496727	-0.16126963	-0.11069322	-0.45026153	-0.2565323	1069.609	1243.3945	5229.3	7542.3037
07-02-2022 07:17	50.040024	251.00027	256.6739	246.75867	440.6058	437.43118	428.72653	26.61068	43.38533	47.725143	-0.16263811	-0.11060252	-0.43076366	-0.24950756	1073.8108	1233.7849	5023.833	7331.4287
07-02-2022 07:18	50.06321	251.16028	256.8528	245.43996	440.19495	436.54385	428.33957	26.441181	43.392048	48.7405	-0.15394185	-0.11608699	-0.5653072	-0.3029975	1015.7226	1280.2782	6676.7227	8972.724
07-02-2022 07:19	50.055397	248.26437	253.19083	244.31628	435.23648	432.23325	424.28076	26.424377	43.075222	47.49627	-0.16385055	-0.11003477	-0.42948112	-0.24951589	1069.9788	1189.7452	4932.2017	7191.926
07-02-2022 07:20	50.064816	253.85437	258.84497	250.28917	445.48242	442.00943	434.07635	26.84198	46.310745	49.483437	-0.18467899	-0.32216373	-0.42096654	-0.33708528	1246.7666	3997.791	5137.5396	10382.098
07-02-2022 07:21	50.031887	254.14114	258.60437	250.68782	445.66412	442.3901	434.27048	26.899395	48.33213	52.674347	-0.17333092	-0.16470724	-0.42273083	-0.2711586	1181.4705	2045.1967	5517.74	8739.471
07-02-2022 07:22	50.019867	253.04999	259.02194	249.8253	445.57742	441.49268	432.61298	26.205187	55.34111	54.97831	-0.22149402	-0.161973	-0.5361614	-0.32107943	1444.1743	2286.5781	7232.1265	10962.879
07-02-2022 07:23	50.00066	253.0152	258.83014	249.36177	445.10318	441.33527	432.04968	28.807026	56.12116	58.791733	-0.2438272	-0.16212599	-0.5358542	-0.32854548	1751.3706	2326.965	7752.506	11830.842
07-02-2022 07:24	49.972557	253.61598	259.02567	249.63199	445.721	441.68506	432.9291	29.948547	56.248917	59.086456	-0.22780146	-0.16017702	-0.5336179	-0.32316294	1700.4889	2309.0735	7757.217	11766.779
07-02-2022 07:25	49.94693	253.41544	258.79636	249.48796	445.328	441.379	432.63324	30.010963	55.818268	59.091167	-0.22557111	-0.153932	-0.5315072	-0.31980085	1687.1438	2200.135	7728.1646	11615.444
07-02-2022 07:26	49.943523	253.68185	258.72678	249.97096	445.77332	441.71756	433.01575	30.078808	55.9835	59.632126	-0.22538869	-0.15544753	-0.50393474	-0.30979165	1698.5505	2230.7632	7400.2974	11329.611
07-02-2022 07:27	49.93217	252.84193	258.4979	249.08136	444.34982	440.73782	432.0431	30.004154	56.19187	58.812668	-0.22369213	-0.1464187	-0.5201575	-0.310978	1674.7466	2109.4883	7520.493	11304.728
07-02-2022 07:28	49.95277	252.30595	257.74356	248.53831	443.34323	439.56033	431.04852	30.133568	56.786804	59.129314	-0.22028428	-0.13057658	-0.5067685	-0.2983822	1647.6943	1915.744	7363.222	10926.66
07-02-2022 07:29	49.95959	252.4013	258.31732	248.28535	443.79077	439.83362	431.06024	30.032902	57.125057	59.111023	-0.22232042	-0.13490416	-0.5072918	-0.30030882	1662.3651	1972.517	7356.6504	10991.533
07-02-2022 07:30	49.976437	251.89224	257.77438	248.15393	443.24133	439.26746	430.1173	30.005795	56.257904	58.87185	-0.2351598	-0.28229493	-0.5072306	-0.36229032	1747.8096	4030.7737	7323.5537	13102.137
07-02-2022 07:31	50.03163	251.94841	257.6173	248.17737	442.91626	439.3316	430.24136	30.107807	56.861526	59.282036	-0.22134067	-0.13914387	-0.5048052	-0.30127823	1653.3704	2024.5823	7341.6157	11019.568

07-02-2022 07:32	50.028362	251.8795	257.741	247.66711	442.74884	439.10468	429.8548	30.061405	57.09115	58.646225	-0.21890447	-0.14331189	-0.53124994	-0.31165573	1642.4034	2111.4312	7620.9014	11374.736
07-02-2022 07:33	50.03107	251.75073	257.69086	247.19919	442.75476	438.49435	429.34518	30.032843	57.05719	58.83655	-0.2202766	-0.14407498	-0.53440416	-0.31371135	1638.6147	2106.1624	7581.689	11326.466
07-02-2022 07:34	50.01726	251.60039	257.25372	247.294	442.37854	438.2595	429.09338	29.98125	56.83564	59.31818	-0.22189242	-0.13911548	-0.5082254	-0.30280203	1652.9403	2013.4547	7361.8877	11023.564
07-02-2022 07:35	49.997955	251.7341	257.1875	247.27187	442.35168	438.2534	429.20352	29.963606	56.965786	59.273643	-0.22143342	-0.1413319	-0.51064736	-0.30467278	1650.5281	2062.0413	7393.085	11105.654
07-02-2022 07:36	49.967964	251.31572	256.67477	247.25282	441.7335	437.68842	428.73456	29.914206	56.219307	59.12615	-0.22349605	-0.15677774	-0.50883865	-0.3091327	1658.9263	2208.2302	7345.3037	11212.461
07-02-2022 07:37	49.940895	251.02078	255.9381	247.29787	441.17358	436.888	428.3742	29.88565	56.391773	58.829147	-0.2205791	-0.1615904	-0.50369644	-0.3099807	1628.8312	2309.3455	7230.771	11168.947
07-02-2022 07:38	49.958496	250.7451	256.1588	247.17082	441.0676	437.0496	428.0083	29.84762	55.844757	58.827953	-0.22074561	-0.15087026	-0.50343424	-0.30619636	1628.8547	2138.9963	7230.248	10998.098
07-02-2022 07:39	49.933025	250.45505	255.88402	246.7845	440.64633	436.43344	427.3992	29.797499	55.866642	58.734146	-0.21846779	-0.15222031	-0.5059807	-0.30712488	1610.1385	2178.9583	7239.2847	11028.381
07-02-2022 07:40	49.923523	250.78671	255.87967	246.14374	440.38867	435.9719	427.58823	30.622557	55.802933	58.274895	-0.18212257	-0.15592664	-0.53155565	-0.3096223	1383.1306	2208.4282	7530.2173	11121.776
07-02-2022 07:41	49.925987	250.60542	256.03607	245.75685	440.40152	435.5877	427.2562	30.60899	55.515423	57.99309	-0.18161818	-0.15385889	-0.53045356	-0.30782568	1368.6285	2172.7185	7481.1284	11022.476
07-02-2022 07:42	49.92298	250.39406	255.77316	245.99564	440.2124	435.79996	426.8125	30.60809	55.857243	58.0888	-0.18224923	-0.15782598	-0.5298338	-0.30943713	1379.0656	2235.3696	7481.1206	11095.556
07-02-2022 07:43	49.955555	251.0693	255.92506	246.70541	441.03564	436.46735	427.97577	30.742819	56.03207	58.662952	-0.18485203	-0.15746295	-0.5052693	-0.30118102	1403.8336	2258.535	7230.745	10893.114
07-02-2022 07:44	49.9871	250.87692	256.1754	247.10944	441.2001	436.93588	428.14218	30.80096	57.003464	58.81813	-0.18293636	-0.14798819	-0.5030469	-0.2950853	1397.6648	2137.4526	7227.087	10762.205
07-02-2022 07:45	49.999973	250.86647	256.27643	247.03215	441.1816	437.03305	428.0891	30.868557	57.161407	58.865524	-0.18367139	-0.15047136	-0.5022659	-0.29585195	1403.5479	2184.4795	7221.568	10809.595
07-02-2022 07:46	50.002495	250.90802	256.19122	246.96313	441.04068	436.8488	428.22116	30.831253	56.70462	58.79559	-0.1821293	-0.14145453	-0.5003373	-0.29292715	1391.7852	2041.2604	7233.608	10666.652
07-02-2022 07:47	50.01534	250.83739	255.84103	246.99782	440.7621	436.66687	428.0046	30.996014	57.12504	59.704353	-0.18314117	-0.14826542	-0.48720562	-0.29011086	1400.3961	2148.466	7102.8228	10651.685
07-02-2022 07:48	50.02209	250.2763	255.7289	247.32545	440.6997	436.41473	427.71423	30.088982	57.88144	59.962772	-0.22520256	-0.15927352	-0.48895428	-0.30371416	1672.4087	2339.467	7139.0938	11150.969
07-02-2022 07:49	50.03167	250.28702	255.60684	247.44139	440.7088	436.29773	427.82635	29.732294	58.19886	62.486362	-0.21508281	-0.1663242	-0.6170694	-0.35940275	1581.9155	2455.4358	9368.284	13405.636
07-02-2022 07:50	50.0318	250.41405	255.61755	246.76541	440.44934	435.88916	427.57526	30.001114	57.712475	59.08805	-0.21886827	-0.15835056	-0.51299727	-0.31083116	1621.1946	2318.4731	7393.557	11333.225
07-02-2022 07:51	50.032776	250.13399	255.58762	246.49959	440.3143	435.52698	427.07767	29.969967	57.858906	59.03106	-0.21908805	-0.16032784	-0.5150684	-0.31416556	1622.6326	2361.2168	7411.6816	11395.531
07-02-2022 07:52	50.01452	250.07396	254.8956	246.66414	439.91132	435.1255	426.84644	29.959219	57.354103	59.468174	-0.2246262	-0.17968753	-0.4860913	-0.3109376	1659.4321	2645.5557	7051.0967	11356.084
07-02-2022 07:53	50.000015	249.67838	255.35011	246.16364	439.51514	435.1228	426.50262	29.88638	57.003113	59.47514	-0.22278696	-0.17335328	-0.48657808	-0.30840418	1637.1377	2494.9502	7042.797	11174.885
07-02-2022 07:54	49.983105	249.63857	255.18867	246.296	439.6151	434.96252	426.43668	29.93717	56.933422	59.04394	-0.22346418	-0.17353639	-0.50100875	-0.31394914	1647.8099	2476.8513	7206.495	11330.406
07-02-2022 07:55	50.006927	249.43321	254.54214	245.8938	438.76788	434.32373	425.74442	29.838055	56.437088	59.075146	-0.22509222	-0.18179591	-0.49781445	-0.31490946	1650.0096	2583.5479	7137.5054	11371.063
07-02-2022 07:56	50.002098	249.51532	254.47267	246.121	439.0986	434.2439	425.90158	29.871223	56.414394	59.08298	-0.22736865	-0.17942934	-0.4975223	-0.31633487	1674.9302	2558.4756	7150.5757	11383.982
07-02-2022 07:57	50.042114	249.65364	254.35036	246.22214	439.08295	434.04352	426.3211	29.897858	55.766712	59.180298	-0.22529513	-0.16862924	-0.4962971	-0.31195754	1658.9895	2365.9211	7148.924	11173.836
07-02-2022 07:58	50.055714	249.8398	254.82535	246.06293	439.4292	434.6087	426.2874	29.73878	55.934486	58.804115	-0.23596078	-0.17066321	-0.5266079	-0.32640815	1727.423	2406.8564	7531.8535	11666.133
07-02-2022 07:59	50.07566	250.14763	255.27054	246.33629	439.74075	435.27698	427.0912	29.830173	56.20895	58.787746	-0.23546948	-0.1777267	-0.52588403	-0.32848507	1733.542	2526.8923	7534.6436	11795.078
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
07-02-2022 08:00	50.078735	249.7245	255.27783	246.12929	439.73163	434.761	426.54184	30.003946	56.620964	58.781868	-0.2546804	-0.15830976	-0.5236436	-0.32315814	1881.4625	2276.6938	7495.412	11653.568
07-02-2022 08:01	50.07161	250.0311	255.36952	246.76042	440.10425	435.39676	427.3088	30.081427	56.702286	59.383278	-0.25306538	-0.1552855	-0.49609455	-0.3114877	1876.5334	2228.3267	7187.718	11292.578
07-02-2022 08:02	50.081318	250.57883	255.99995	247.16129	441.0445	436.58765	427.91266	30.094072	56.81121	59.451107	-0.2540435	-0.15688643	-0.49640232	-0.3122695	1893.7616	2261.568	7208.658	11363.988
07-02-2022 08:03	50.076878	250.71587	256.0727	247.23018	441.2817	436.36896	428.38055	30.145676	56.80361	59.433346	-0.2532329	-0.15754658	-0.49830976	-0.31313825	1889.384	2270.849	7237.9834	11398.217
07-02-2022 08:04	50.050575	250.89835	256.4091	247.3417	441.79233	436.7296	428.6033	30.17709	56.918175	59.36406	-0.25286955	-0.15746804	-0.4980809	-0.3126814	1888.6348	2276.4343	7228.272	11393.341
07-02-2022 08:05	50.010033	250.16026	256.00235	248.061	441.3005	436.95105	428.11282	27.47735	56.94217	59.62571	-0.35110536	-0.15789591	-0.49121532	-0.3303687	2374.282	2292.0576	7177.8965	11844.236
07-02-2022 08:06	49.9611	249.93697	255.75226	247.62544	440.66022	436.57632	427.55847	27.558327	56.930584	59.450188	-0.3510268	-0.16217773	-0.4906151	-0.33181268	2379.434	2342.991	7140.448	11862.873
07-02-2022 08:07	49.93263	249.71072	255.6688	247.07332	440.03403	436.0607	427.22122	27.581406	56.151154	58.842407	-0.34925744	-0.1760452	-0.52126676	-0.34962356	2358.0447	2499.498	7493.4966	12351.04
07-02-2022 08:08	49.947376	248.80713	255.81679	246.85863	439.32324	435.93936	426.3822	27.50973	55.6419	58.8319	-0.3466478	-0.1715297	-0.51740414	-0.34605262	2335.0156	2424.3894	7436.201	12195.605
07-02-2022 08:09	49.935947	250.4425	256.16577	247.22154	441.03778	436.51196	428.15695	27.556068	55.680965	58.819218	-0.35069153	-0.17107926	-0.5172233	-0.34657797	2375.603	2419.7366	7444.654	12239.992
07-02-2022 08:10	49.93847	250.59088	255.89842	247.6391	441.22623	436.6989	428.28287	27.595417	55.82735	59.687233	-0.35307455	-0.17056882	-0.47809756	-0.3316431	2405.0798	2408.5227	6978.251	11791.854
07-02-2022 08:11	49.951527	251.11009	256.39038	248.1225	441.99042	437.5117	429.2976	27.74662	55.843166	59.728043	-0.35343277	-0.16946663	-0.47949505	-0.3320038	2409.939	2405.1643	7024.453	11839.556
07-02-2022 08:12	49.97064	251.38298	256.58353	248.20718	442.52383	437.84726	429.37912	27.669317	56.038857	59.865	-0.35321778	-0.1700588	-0.4769818	-0.33108127	2412.661	2440.1387	7013.5547	11866.355
07-02-2022 08:13	49.993534	252.15735	257.15216	248.85263	443.69363	439.03085	430.46582	27.716953	56.19809	60.03543	-0.35502866	-0.18484585	-0.47749463	-0.3375457	2435.837	2643.2217	7042.711	12121.77
07-02-2022 08:14	50.02309	251.96587	257.09738	248.8273	443.40717	438.90714	430.40836	27.770699	57.26741	60.098305	-0.35429153	-0.18723418	-0.47543883	-0.3346148	2436.855	2624.9883	7020.997	12082.841
07-02-2022 08:15	50.035374	251.89261	257.3379	248.87071	443.6439	439.1179	430.32724	27.83249	57.26075	60.34935	-0.35321316	-0.15668218	-0.48214135	-0.3268461	2418.9272	2314.0198	7160.8257	11893.771
07-02-2022 08:16	50.047855	252.04373	257.61447	248.01752	443.74344	438.3141	430.31848	28.50168	57.414074	59.460026	-0.30249396	-0.16190074	-0.5046105	-0.32688168	2141.818	2384.5388	7354.2603	11880.617
07-02-2022 08:17	50.050304	251.8338	257.35443	248.20569	443.3142	438.6247	429.93875	28.533766	57.215034	59.40592	-0.30376148	-0.15943876	-0.49988365	-0.32449198	2143.4768	2338.0254	7287.9355	11769.438
07-02-2022 08:18	50.01009	251.69273	256.83063	247.76816	442.74985	437.62888	429.59006	28.481009	57.066822	59.343018	-0.30430448	-0.16041136	-0.50223047	-0.32602042	2145.0693	2332.0994	7291.882	11769.051
07-02-2022 08:19	50.009636	250.5824	256.81924	248.08975	441.8649	437.80167	428.9146	28.70797	57.309093	59.935947	-0.30659235	-0.16129687	-0.47429395	-0.3160537	2170.859	2359.5688	6972.3467	11502.774
07-02-2022 08:20	50.01873	251.29349	256.4817	247.71835	442.1429	437.46124	428.97537	28.684977	57.215595	59.957275	-0.30667576	-0.15860255	-0.47556964	-0.31564072	2175.444	2290.1975	6973.167	11438.809
07-02-2022 08:21	50.01076	250.6717	256.2398	247.87523	441.51108	437.32663	428.51233	27.98891	57.492756	59.979332	-0.37468308	-0.16381532	-0.4754351	-0.3305356	2577.3184	2404.3833	6976.253	11957.954
07-02-2022 08:22	50.000835	251.23166	256.249	247.8508	442.4142	437.04855	428.82394	27.597921	58.197292	59.194126	-0.32929948	-0.1838099	-0.4920437	-0.33518472	2239.5786	2705.897	7120.845	12066.32
07-02-2022 08:23	50.023724	251.07129	256.07193	247.75566	442.06836	436.99466	428.47165	27.617083	57.336887	59.198338	-0.3279032	-0.19078225	-0.49144343	-0.33844286	2226.7488	2769.205	7108.3257	12104.279
07-02-2022 08:24	49.99068	250.69316	256.09512	247.66557	441.82626	436.82648	428.11356	26.94489	57.15401	59.066505	-0.37609962	-0.18911509	-0.49472648	-0.34816533	2494.6367	2765.5977	7141.293	12401.527
07-02-2022 08:25	49.981518	250.5802	256.013	247.27876	441.39694	436.37906	427.99365	26.860756	57.127525	58.55467	-0.37039205	-0.19461949	-0.5210824	-0.35937345	2438.4883	2803.5862	7445.064	12687.139
07-02-2022 08:26	49.981926	250.53972	256.25793	247.50162	441.61136	436.5343	428.36722	26.811192	57.11862	58.43307	-0.37110934	-0.19555023	-0.52132106	-0.3598984	2445.7346	2770.0757	7439.499	12657.06
07-02-2022 08:27	50.03032	250.77634	256.6649	247.2383	441.8604	436.79218	428.53207	26.899738	57.30903	58.6701	-0.3701755	-0.19863136	-0.52020764	-0.35656297	2430.1511	2746.7576	7449.9263	12626.835
07-02-2022 08:28	50.041527	250.59908	256.14084	247.62596	441.66068	436.6802	428.27997	26.926077	57.461838	59.142082	-0.37310052	-0.19727115	-0.49422258	-0.3504799	2467.094	2896.4326	7135.5815	12499.109
07-02-2022 08:29	50.062904	250.59062	256.02933	248.0403	441.6866	437.08527	428.34653	26.913929	57.46438	59.315434	-0.3718247	-0.18788312	-0.49077743	-0.34529442	2464.4548	2784.2124	7126.695	12375.361
07-02-2022 08:30	50.064713	250.52034	256.1157	247.69443	441.4827	436.75833	428.3191	26.911839	57.28099	59.00099	-0.36811835	-0.18063468	-0.50326955	-0.34649533	2447.912	2656.8877	7264.0693	12368.869
07-02-2022 08:31	50.067947	250.56584	256.25632	247.97221	442.05362	436.6428	428.66077	27.037735	58.11753	59.08126	-0.3700494	-0.16875534	-0.5050397	-0.34180197	2459.0615	2476.9744	7305.16	12234.071
07-02-2022 08:32	50.04539	250.47704	256.1671	247.89381	441.8105	436.7514	428.35068	26.977884	58.105118	59.075703	-0.37119886	-0.17002702	-0.5071579	-0.34169984	2451.8643	2441.147	7322.856	12215.867
07-02-2022 08:33	50.035583	250.57698	256.5357	248.09404	442.24405	437.17664	428.6529	26.95757	58.1682	59.076767	-0.37267968	-0.17106058	-0.5047632	-0.34302458	2463.1392	2438.7642	7310.9863	12212.89
07-02-2022 08:34	50.017345	250.13525	256.74518	247.67616	441.86404	436.99338	428.1039	26.95611	58.026634	58.51282	-0.36845964	-0.17013411	-0.5322827	-0.3522752	2449.5645	2519.2883	7617.172	12586.024
07-02-2022 08:35	50.01097	250.27965	256.33246	247.52876	441.70584	436.53894	427.98987	26.946293	58.16463	58.40795	-0.37192583	-0.17644043	-0.5309309	-0.3547765	2453.4224	2576.841	7577.2324	12607.496
07-02-2022 08:36	50.01917	250.66982	257.01428	248.12262	442.53726	437.45447	429.13376	26.992123	58.347393	58.546585	-0.37113142	-0.17717633	-0.5335949	-0.35592714	2462.5977	2752.1084	7651.7085	12866.414
07-02-2022 08:37	49.98515	250.40889	256.76508	248.30939	442.15918	437.49585	428.90292	26.97953	58.18454	59.058987	-0.37424165	-0.17357348	-0.5062847	-0.3449524	2475.256	2547.803	7313.1274	12336.187
07-02-2022 08:38	50.001034	250.34491	256.55313	248.33871	441.9812	437.48688	428.6564	26.944885	57.248116	59.04407	-0.3715646	-0.18045332	-0.5046494	-0.34768647	2463.5117	2679.907	7301.402	12444.82
07-02-2022 08:39	50.025486	250.82439	256.93353	248.04636	442.66638	437.61694	428.83313	26.991098	57.418285	59.128036	-0.37342495	-0.18352334	-0.5045179	-0.34903452	2486.7297	2664.1133	7297.039	12447.882
07-02-2022 08:40	50.036953	250.46518	256.68585	248.48903	442.2743	437.9349	428.59232	27.026758	57.441963	59.086514	-0.37452728	-0.18206541	-0.5067631	-0.3496604	2485.07	2649.7937	7335.8145	12470.679
07-02-2022 08:41	50.031372	251.43318	257.42075	249.12604	443.77948	439.0115	430.08118	27.081472	57.604233	59.127907	-0.37681368	-0.1877781	-0.505953	-0.3519577	2516.7012	2748.7764	7350.741	12616.219
07-02-2022 08:42	50.04184	251.41655	257.0963	249.2579	443.41855	439.16653	429.91516	27.066193	57.102318	60.302864	-0.37745744	-0.19035526	-0.47738028	-0.34321007	2523.2407	2774.4858	7075.459	12373.186
07-02-2022 08:43	50.025032	251.5053	257.0641	248.82144	443.39246	438.51636	429.94418	26.990738	57.16509	59.597046	-0.37579423	-0.19837968	-0.5058902	-0.35703245	2520.3804	2936.0386	7413.793	12862.023
07-02-2022 08:44	50.044746	251.38249	256.98993	248.67017	443.1104	438.29803	429.84564	26.988018	57.06572	59.649254	-0.37571934	-0.19442509	-0.5054432	-0.35535344	2502.6125	2819.2075	7401.4717	12723.291
07-02-2022 08:45	50.03136	251.05766	256.77283	249.19456	443.31427	437.57825	430.3124	27.348707	56.903908	53.067345	-0.36669314	-0.19919515	-0.43989903	-0.32393795	2467.268	2869.87	5739.375	11076.514
07-02-2022 08:46	50.010864	251.37184	256.07623	249.10364	442.67468	437.7596	429.9429	23.53701	50.67097	53.83604	-0.34313795	-0.18325555	-0.40426973	-0.30432034	2006.9065	2416.1682	5355.4297	9778.505
07-02-2022 08:47	49.990128	251.01794	256.1734	249.00053	442.45285	437.60403	429.7024	23.534204	51.04135	53.788944	-0.34422085	-0.19407587	-0.40435535	-0.3085086	2002.295	2500.591	5343.86	9846.746
07-02-2022 08:48	49.98087	250.40593	255.41992	248.4628	441.29694	436.37427	428.78937	23.468798	50.701084	53.593628	-0.3420083	-0.19149289	-0.40696084	-0.30826473	1980.2782	2448.802	5351.6953	9780.775
07-02-2022 08:49	49.97219	250.44115	255.12631	248.38638	441.14777	436.11166	428.615	23.492916	50.66472	53.760345	-0.34429738	-0.18947795	-0.40672934	-0.3079751	1995.8868	2417.7039	5360.123	9773.714
07-02-2022 08:50	49.974438	250.1152	255.06754	247.87881	440.7978	435.4077	428.1323	23.496523	51.599823	53.541912	-0.34703255	-0.24038932	-0.40429026	-0.32715958	2006.459	3027.914	5305.611	10339.984
07-02-2022 08:51	49.99222	250.42638	254.50037	247.67894	440.7043	434.98575	427.84534	23.452702	51.415024	53.426746	-0.34706667	-0.2352027	-0.40428814	-0.32565847	2014.1406	3058.8164	5282.589	10355.547
07-02-2022 08:52	50.01379	250.42912	254.31366	247.43932	440.40298	434.78067	427.62073	23.421309	51.348118	52.84187	-0.34350866	-0.23156214	-0.43785706	-0.33627757	1988.2738	2991.8372	5651.4478	10631.559
07-02-2022 08:53	50.035305	249.92242	254.80035	248.10866	440.27512	435.01532	428.6493	24.456116	45.16069	42.021633	-0.28446743	-0.20663626	-0.30368906	-0.25949967	1717.8655	2347.3638	3123.9243	7189.1543
07-02-2022 08:54	50.06125	248.95721	254.76164	248.54909	439.79184	434.21927	428.93414	24.735817	44.094334	34.226784	-0.27373353	-0.22547647	-0.18714039	-0.22435309	1668.6228	2490.7463	1566.3811	5725.75
07-02-2022 08:55	50.07066	249.7065	253.70598	249.02988	439.4509	434.47092	429.31412	24.754562	44.11473	35.42666	-0.28036922	-0.23441833	-0.13936262	-0.2132703	1712.0289	2600.213	1214.9238	5527.1655
07-02-2022 08:56	50.095844	251.53563	254.67122	249.30743	440.94568	435.65265	431.99008	26.942242	37.05842	30.61755	-0.17209497	-0.25284255	-0.077664606	-0.17402217	1159.6941	2361.1458	586.75806	4107.598
07-02-2022 08:57	50.09508	264.72943	267.7597	261.96725	463.80722	458.44806	453.78305	22.988796	36.002487	31.36583	-0.10651178	-0.20464814	-0.08643645	-0.13916516	653.3773	1908.9246	698.53723	3260.8394

07-02-2022 08:58	50.10929	264.3831	267.31198	261.6696	463.53702	457.7903	452.8082	22.987312	36.04793	31.302654	-0.1087741	-0.20694341	-0.08394902	-0.13804477	640.8456	1939.7764	678.6531	3259.275
07-02-2022 08:59	50.09443	263.44067	266.31372	261.06314	461.87183	456.18494	451.66446	22.878551	35.646713	31.151268	-0.10705924	-0.1940509	-0.086321875	-0.1349235	639.7824	1826.9384	692.955	3159.6758
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
07-02-2022 09:00	50.043663	261.45047	266.38965	259.83707	460.08597	455.19464	449.01773	22.810926	35.586487	30.969372	-0.10611471	-0.19497702	-0.090245925	-0.13659087	625.98505	1830.0984	717.06635	3173.15
07-02-2022 09:01	50.027206	259.60828	265.13477	258.14426	457.37628	452.4822	446.1493	21.834734	35.671455	29.683168	-0.15068503	-0.17343983	-0.15963295	-0.16344371	837.6952	1636.0886	1205.591	3679.3748
07-02-2022 09:02	49.962715	253.16653	259.00073	251.74564	446.32193	441.48495	435.34247	21.287458	35.91449	29.091045	-0.1480628	-0.15453763	-0.15433015	-0.15569693	786.60925	1492.7496	1114.8182	3394.177
07-02-2022 09:03	49.923523	248.20175	253.74596	246.92667	437.16638	432.9829	426.95422	21.040285	35.393696	28.642122	-0.14807856	-0.15849522	-0.15084352	-0.15041162	763.58636	1340.5237	1052.8236	3156.9336
07-02-2022 09:04	49.93396	247.14175	252.67902	245.98734	435.6062	431.10565	425.07394	21.01104	35.40393	29.698341	-0.15036021	-0.16231968	-0.10437077	-0.13970426	770.76978	1366.5471	747.5135	2884.8303
07-02-2022 09:05	49.908104	245.55583	251.09595	244.86804	432.54803	428.96725	422.84506	20.944248	35.192547	29.59815	-0.15261544	-0.16511959	-0.09596006	-0.13947758	775.97284	1443.1272	689.927	2909.027
07-02-2022 09:06	49.909447	245.22493	251.05942	244.54205	432.03873	428.52112	422.60498	21.571245	34.88843	29.636118	-0.2153969	-0.14404379	-0.096866064	-0.14566407	1121.9465	1248.0918	691.88245	3061.921
07-02-2022 09:07	49.930557	244.7319	250.36183	243.98114	431.242	427.27783	421.60538	21.54528	35.039757	29.011173	-0.21555717	-0.15560274	-0.1177078	-0.15789181	1120.5966	1346.2292	820.1095	3286.9355
07-02-2022 09:08	49.947884	246.18645	251.72275	245.35394	433.75586	429.68835	423.934	21.60421	34.223423	29.111599	-0.21343018	-0.11493249	-0.12129306	-0.14180496	1117.8453	982.8474	852.1746	2952.8674
07-02-2022 09:09	49.97897	245.62013	250.51833	244.62741	432.2265	428.04022	422.78113	21.584457	33.46796	29.103676	-0.21492182	-0.13794756	-0.11517671	-0.14952612	1121.4904	1144.4297	805.3036	3071.2234
07-02-2022 09:10	49.98265	251.95883	256.1868	250.45164	442.6351	438.301	432.9945	21.889526	34.514114	28.433357	-0.21596423	-0.14783683	-0.16620997	-0.17167948	1177.876	1295.6375	1164.8561	3638.3694
07-02-2022 09:11	50.03574	251.96442	257.02908	251.35612	443.4907	439.42773	434.04483	22.007315	34.51525	28.559841	-0.21692352	-0.14390363	-0.162708	-0.1686039	1181.4907	1259.9875	1153.9463	3595.4246
07-02-2022 09:12	50.033234	251.944	256.63733	251.06079	443.0144	438.9066	433.81824	22.005167	34.954494	28.44569	-0.21862367	-0.16140775	-0.16939086	-0.17871886	1192.3418	1377.1791	1179.4902	3749.0112
07-02-2022 09:13	50.04453	251.21535	256.93637	251.13306	442.39377	439.17044	433.56305	22.015493	34.901203	29.694084	-0.220588	-0.16307043	-0.11375429	-0.16086894	1198.7439	1388.6255	828.1003	3414.751
07-02-2022 09:14	50.053333	253.19789	258.1484	252.4455	444.95734	441.50784	436.47037	22.061758	34.63189	29.845678	-0.21942398	-0.14287272	-0.11096192	-0.15143467	1214.5543	1262.7751	824.30115	3301.6306
07-02-2022 09:15	50.06271	253.77922	258.49622	253.26103	445.99664	442.77826	437.17517	22.194803	34.8757	29.949173	-0.21891156	-0.14702034	-0.110323675	-0.15272908	1217.022	1312.7179	824.62683	3354.3667
07-02-2022 09:16	50.043697	254.41924	259.1231	253.7024	447.12854	443.42923	438.35175	22.178143	34.80075	29.938335	-0.21993154	-0.14246258	-0.11433834	-0.15252213	1225.4637	1271.0217	855.9784	3352.4639
07-02-2022 09:17	50.02553	254.97148	260.26556	254.19884	448.50153	444.66876	439.5409	22.397131	35.7829	28.874006	-0.22156084	-0.12734312	-0.14041902	-0.15572067	1252.0785	1173.2651	1015.1279	3440.4714
07-02-2022 09:18	50.01218	255.29073	260.7093	254.94617	449.31473	445.59995	440.40704	22.333183	35.773396	29.52981	-0.22140999	-0.12504022	-0.13610113	-0.1531528	1250.8318	1153.3187	1008.1921	3412.3425
07-02-2022 09:19	50.000294	255.2808	260.93082	254.58693	449.2233	445.54883	440.3031	22.213749	35.795746	28.311996	-0.21237199	-0.12881042	-0.18732865	-0.16909009	1190.6105	1189.7657	1329.0392	3709.4153
07-02-2022 09:20	49.990486	255.17879	260.72614	254.58664	449.17368	445.3243	440.04056	22.174652	36.212	28.184778	-0.21375358	-0.15014157	-0.19249804	-0.17996633	1196.485	1397.5194	1359.1991	3953.2036
07-02-2022 09:21	50.003765	255.3072	260.879	254.52164	449.24677	445.47488	440.1962	22.217571	35.823605	28.302975	-0.21382207	-0.13596961	-0.18518417	-0.17469375	1206.1736	1318.665	1313.3032	3838.1418
07-02-2022 09:22	49.985104	254.92804	260.50073	254.3388	448.57907	445.13187	439.57785	22.150824	35.784447	29.478527	-0.21591388	-0.1323138	-0.13330787	-0.15465517	1205.0266	1236.5142	987.0365	3428.5771
07-02-2022 09:23	49.95458	254.42484	260.2265	253.7461	447.8508	444.19952	438.86746	22.200249	35.740887	29.379969	-0.21625878	-0.13466719	-0.1332001	-0.15379408	1199.5419	1230.1597	977.5283	3407.23
07-02-2022 09:24	50.007736	254.87318	260.73328	253.98357	448.45062	445.0848	439.45435	22.18486	35.68092	29.596987	-0.21379049	-0.13086838	-0.14807543	-0.15746665	1195.1146	1206.902	1096.793	3498.8096
07-02-2022 09:25	50.01125	254.94968	260.52106	253.39989	448.176	444.30338	439.26736	22.201015	34.63551	29.421183	-0.22011714	-0.16707146	-0.13366877	-0.16940346	1231.5134	1497.4241	983.14636	3712.0837
07-02-2022 09:26	50.031673	254.34103	260.04706	253.38371	447.2934	444.02634	438.5212	22.155117	34.674408	29.464132	-0.22135508	-0.1564863	-0.1339123	-0.16437748	1223.1333	1386.0725	985.8716	3595.0776
07-02-2022 09:27	50.045223	254.62201	260.29712	253.66806	447.71994	444.45227	439.08066	22.225294	34.751736	29.499794	-0.21948233	-0.15564474	-0.14025469	-0.16678269	1228.9941	1418.6311	1050.3002	3697.9253
07-02-2022 09:28	50.046246	254.44736	260.25803	252.77412	447.43204	443.70444	438.20596	22.092915	34.76638	28.92972	-0.21689874	-0.1566782	-0.16489044	-0.17483616	1211.7067	1402.8022	1198.3108	3812.8198
07-02-2022 09:29	50.062534	254.32407	260.1702	253.09709	447.20084	443.91718	438.4151	22.08318	34.36377	28.251028	-0.2180669	-0.17522165	-0.17712496	-0.18695693	1208.4926	1539.5828	1263.7377	4011.8135
07-02-2022 09:30	50.067703	253.63405	259.63577	252.48941	446.54385	442.88785	436.92587	22.070826	34.170723	28.26513	-0.21808304	-0.17181277	-0.1786162	-0.18472897	1211.7557	1485.2734	1251.5297	3948.5586
07-02-2022 09:31	50.08832	254.39223	259.1965	252.71217	446.63477	442.78183	437.87445	22.147333	34.25457	29.344566	-0.22148941	-0.16888912	-0.12808716	-0.1691366	1230.5421	1494.4799	940.5163	3665.5383
07-02-2022 09:32	50.09762	254.09206	259.23743	252.463	446.39325	442.56488	437.45496	22.896288	33.5873	29.471355	-0.16590796	-0.18891837	-0.12497405	-0.16120559	955.7761	1626.2867	916.3213	3498.3843
07-02-2022 09:33	50.070538	253.71513	258.73364	252.2012	445.79453	441.90744	436.7287	24.030619	33.687458	29.48072	-0.12686855	-0.19109158	-0.12450649	-0.1512551	758.96344	1638.0403	905.18994	3301.5215
07-02-2022 09:34	50.03412	253.54057	258.0073	251.97525	445.1443	441.23526	436.1127	23.971493	34.13382	29.383785	-0.12751105	-0.20744167	-0.123488635	-0.1577169	777.39044	1789.8179	906.25305	3473.4614
07-02-2022 09:35	50.01308	253.14574	257.51974	251.57144	444.3629	440.58188	435.29977	23.907215	34.048157	29.261482	-0.1277632	-0.1978066	-0.12950394	-0.1558949	766.738	1699.1892	938.2569	3404.184
07-02-2022 09:36	50.01254	253.87729	258.6176	252.16963	445.7604	441.90613	436.78958	23.96554	33.400658	29.445461	-0.12665324	-0.19337879	-0.12972441	-0.15375856	764.7897	1657.8008	949.7753	3372.3657
07-02-2022 09:37	49.984074	253.70145	258.87283	251.62894	445.56186	441.6617	436.44275	24.347057	33.53875	29.231419	-0.14051814	-0.19768009	-0.13927522	-0.1634402	859.72656	1708.1859	1020.71906	3588.6316
07-02-2022 09:38	49.99963	253.65422	258.39822	251.76405	445.23718	441.43555	436.31772	24.354403	33.70669	29.30088	-0.13964456	-0.20023465	-0.13649513	-0.1623069	856.1346	1724.0632	992.19147	3572.3892
07-02-2022 09:39	50.006287	253.48506	258.29074	251.77151	445.17184	441.15674	436.1924	22.892159	34.019943	29.198387	-0.16432722	-0.17839314	-0.1393677	-0.1616276	956.1447	1546.5532	1012.2016	3514.8997
07-02-2022 09:40	50.012238	253.43707	257.9545	251.98347	444.78052	441.37653	436.06195	22.984278	33.369926	30.459343	-0.17989689	-0.2032852	-0.085496694	-0.15633062	1039.6343	1731.5529	647.1256	3418.3127
07-02-2022 09:41	49.995975	252.80615	257.31128	251.42448	443.95984	440.2341	434.8454	22.922218	33.332664	30.385971	-0.17767036	-0.2166518	-0.08726146	-0.16124044	1018.5601	1832.4192	657.77734	3508.7568
07-02-2022 09:42	50.00508	252.62877	255.96	251.6771	443.3618	439.11362	434.32352	22.906988	35.378117	30.103287	-0.19125026	-0.406151	-0.09193678	-0.24472503	1097.0376	3605.7007	698.7637	5401.502
07-02-2022 09:43	49.98625	252.11827	255.72157	251.51573	442.73233	438.70755	433.78152	23.128292	35.260605	29.588366	-0.19586168	-0.40589225	-0.1055158	-0.25103477	1133.1416	3624.5654	774.81323	5532.52
07-02-2022 09:44	49.983234	251.73157	255.46976	251.39014	442.23944	438.2569	433.39932	23.086662	35.316093	29.558954	-0.19633693	-0.40532273	-0.10890834	-0.25206152	1134.3274	3641.1704	790.0849	5565.583
07-02-2022 09:45	49.980644	251.40826	255.99449	251.32005	442.30832	438.46625	433.35733	23.113611	35.403934	29.538467	-0.19531874	-0.41181454	-0.10523866	-0.25360364	1126.2379	3721.9917	773.3445	5621.574
07-02-2022 09:46	49.99428	250.67487	256.91562	250.27391	441.68277	438.58496	432.41113	22.992073	32.228657	28.433	-0.17764232	-0.2614308	-0.17061453	-0.2081223	1019.1366	2142.5786	1185.9429	4346.8457
07-02-2022 09:47	50.01552	250.36711	256.74603	250.11108	441.3411	438.11414	432.1128	22.98346	32.262234	28.487839	-0.1797998	-0.26101202	-0.15966417	-0.2048718	1024.5814	2148.255	1121.6858	4294.522
07-02-2022 09:48	50.02935	250.13806	257.23883	249.61914	441.3039	438.0997	431.78064	23.048653	33.660362	28.54724	-0.17796016	-0.2317541	-0.16877824	-0.19451961	1009.9072	1942.9047	1181.9742	4134.786
07-02-2022 09:49	50.049217	249.63103	256.25598	249.64682	440.48355	437.1545	430.9986	23.039715	33.752888	29.679764	-0.18250169	-0.23541158	-0.10961732	-0.1787798	1045.7701	1998.0421	795.3906	3839.203
07-02-2022 09:50	50.057453	249.16347	255.93703	249.01457	439.80997	436.2121	430.15875	23.062267	33.227955	29.511412	-0.18315732	-0.21763034	-0.11381464	-0.17320365	1027.8339	1842.411	828.77246	3699.0173
07-02-2022 09:51	50.051247	248.10388	255.01534	248.3423	438.13672	434.89798	428.54837	22.957275	33.209473	29.544666	-0.18335082	-0.21868308	-0.11143997	-0.17380881	1044.3315	1840.976	807.73627	3693.044
07-02-2022 09:52	50.036343	247.03018	254.23293	247.63464	436.54993	433.50964	427.0815	22.925968	33.21478	29.430735	-0.1851324	-0.21896923	-0.10999622	-0.17297702	1032.054	1826.35	791.25555	3649.6594
07-02-2022 09:53	50.036587	247.45248	254.58032	247.89963	437.28412	433.88358	427.76303	22.925976	33.240562	29.475056	-0.18444008	-0.21722619	-0.11182904	-0.17269933	1045.6746	1877.8542	796.48773	3720.0166
07-02-2022 09:54	50.041965	247.20033	254.39354	247.69319	436.92618	433.59406	427.2934	22.92641	33.20291	29.97714	-0.18548018	-0.22082856	-0.089014746	-0.16618353	1041.4087	1849.1986	655.91425	3546.5215
07-02-2022 09:55	50.038685	247.98058	255.4303	247.97255	438.2634	434.93796	428.25592	22.928883	32.506767	28.881931	-0.18239301	-0.24243256	-0.14079964	-0.19291352	1023.7568	1996.526	999.4905	4019.7734
07-02-2022 09:56	50.046764	248.10281	255.28268	248.16531	438.18536	434.8143	428.7423	22.976196	33.09282	28.953945	-0.18219508	-0.26377395	-0.13705108	-0.19929649	1020.9216	2164.0881	969.55927	4154.5693
07-02-2022 09:57	50.039536	248.15144	255.43788	248.35405	438.44388	435.10574	428.8713	22.953547	32.96221	28.835052	-0.18057217	-0.25980365	-0.14269179	-0.19919872	1012.91895	2096.404	1005.7212	4115.0444
07-02-2022 09:58	50.050686	248.92691	256.0124	249.15555	439.49847	436.49915	430.1513	23.045046	32.788483	30.203808	-0.18692124	-0.2499052	-0.08623735	-0.17650469	1067.2299	2068.7625	639.26086	3775.2534
07-02-2022 09:59	50.044674	249.05301	256.8104	250.12398	440.3997	437.7345	431.2875	23.11573	32.6097	30.285395	-0.18702626	-0.23851447	-0.086875364	-0.1717786	1060.2017	1975.5571	648.45575	3684.2144
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
07-02-2022 10:00	50.03764	249.9749	257.63715	249.86368	441.7683	438.48077	431.76443	23.027798	32.577892	29.19749	-0.18202125	-0.25029543	-0.13387936	-0.19257034	1037.8782	2093.2654	964.022	4095.1655
07-02-2022 10:01	50.05343	249.71973	257.12344	249.82332	441.03958	438.03107	431.5376	23.003275	32.593582	29.157059	-0.18362388	-0.24312666	-0.13696718	-0.19217215	1052.053	2032.0637	989.61316	4073.73
07-02-2022 10:02	50.0442	247.11429	254.78539	247.44798	436.68512	433.78064	427.4648	22.858847	32.381737	29.072872	-0.18422072	-0.2421768	-0.1328097	-0.18939596	1025.2146	1963.9878	934.652	3923.8545
07-02-2022 10:03	49.99852	245.04572	253.32994	245.8964	433.53262	431.14316	424.4659	22.730888	32.97695	28.912922	-0.18215695	-0.22161555	-0.14016147	-0.18367514	1006.6805	1835.0581	970.24316	3809.4192
07-02-2022 10:04	49.972374	246.22772	254.54036	246.61165	435.6095	432.72522	426.19177	22.745857	33.49437	27.874384	-0.17844753	-0.2322658	-0.19417292	-0.20537587	991.0221	1946.4824	1313.7854	4251.29
07-02-2022 10:05	49.975243	246.2577	253.64163	245.97371	435.0496	431.52258	425.34213	22.733404	33.018635	27.747196	-0.17984319	-0.21942626	-0.19318531	-0.2001494	998.613	1815.5065	1296.5886	4110.708
07-02-2022 10:06	49.96784	246.25226	253.36937	245.75351	434.56177	431.37088	425.1238	22.711002	32.677387	27.814962	-0.17911799	-0.1910878	-0.18806325	-0.18685201	997.82965	1567.9535	1266.2607	3832.0437
07-02-2022 10:07	49.955112	246.111	252.41823	245.76836	433.90027	430.6891	424.59018	22.70606	33.01644	28.86818	-0.18349916	-0.20307983	-0.13251588	-0.17196812	1018.07764	1625.1854	921.97577	3565.2388
07-02-2022 10:08	49.98429	244.98643	250.69994	244.17096	431.385	427.78015	422.3221	22.64067	32.862602	28.755167	-0.18356754	-0.19445571	-0.13146764	-0.1703659	1010.7724	1586.6608	911.81384	3509.2468
07-02-2022 10:09	49.979607	244.23407	250.38411	243.9388	430.5737	427.31027	421.3496	22.725098	32.996956	28.701847	-0.22558048	-0.20416366	-0.13635519	-0.18720792	1243.4349	1677.1914	961.4281	3882.0544
07-02-2022 10:10	50.014805	244.47748	250.23227	243.41208	430.08972	427.15118	421.24973	22.762829	32.490734	28.789017	-0.22552228	-0.23410629	-0.13123144	-0.19710208	1237.9386	1882.4843	934.6858	4055.1086
07-02-2022 10:11	49.998314	244.71461	249.97461	243.09413	430.25687	426.6208	421.02487	23.554234	32.94068	27.61324	-0.17587562	-0.24921986	-0.16174918	-0.20050189	1004.58923	2025.3217	1065.384	4095.295
07-02-2022 10:12	50.03157	243.84705	249.81076	242.03082	429.20493	425.27826	419.7991	23.395962	32.58365	25.404509	-0.1725027	-0.24804722	-0.24144596	-0.22494979	984.45795	2006.8181	1452.0233	4443.2993
07-02-2022 10:13	50.016068	244.02237	250.04659	242.06068	429.5279	425.40375	420.11542	23.447884	32.282654	24.54476	-0.16874976	-0.23123695	-0.30712053	-0.23579513	955.4253	1845.5883	1791.1572	4592.171
07-02-2022 10:14	50.019787	244.33513	250.53452	242.06934	430.06955	425.78577	420.59747	23.478035	32.200325	24.584888	-0.16757767	-0.2341679	-0.30207607	-0.23507266	947.26807	1880.39	1746.6823	4572.0747
07-02-2022 10:15	49.992836	243.75925	249.44336	241.77489	428.85907	424.61053	419.57843	23.41768	32.353992	24.577951	-0.17012359	-0.24033713	-0.3023208	-0.23844948	958.6065	1919.0441	1754.787	4632.4375
07-02-2022 10:16	49.98682	243.8537	249.6626	242.80666	429.1414	425.88162	420.3501	23.461954	32.006527	25.388084	-0.18316409	-0.25205016	-0.24936496	-0.23131834	1037.8169	1993.0981	1505.5267	4536.4414
07-02-2022 10:17	49.96624	243.74619	249.58566	242.38155	429.06534	425.24423	420.00833	23.307503	32.027454	25.052876	-0.18109094	-0.23966901	-0.27253088	-0.23276001	1015.97595	1922.6584	1626.1736	4564.8076
07-02-2022 10:18	49.98112	241.84663	250.25398	242.26141	428.00546	425.1915	418.78232	23.33214	33.04312	25.151924	-0.20376986	-0.23490627	-0.27626997	-0.23861414	1139.4845	1917.5195	1641.1737	4698.1777
07-02-2022 10:19	49.952633	241.45496	249.87712	241.7989	427.45105	424.21567	418.17508	22.468895	32.77099	24.277252	-0.25332654	-0.2194994	-0.3497677	-0.2678226	1369.6467	1774.9419	2009.5636	5154.1523
07-02-2022 10:20	49.952682	242.48257	250.65306	242.63551	429.1081	425.59717	419.70804	22.558954	32.51809	24.239803	-0.2511065	-0.20743592	-0.35056627	-0.2644285	1356.7974	1739.0082	2013.9427	5109.7485
07-02-2022 10:21	49.95185	241.96657	250.40404	242.11281	428.25977	424.93362	418.99237	22.632011	32.100628	24.657972	-0.2632635	-0.22754878	-0.31070036	-0.26290515	1431.4226	1815.3247	1794.0472	5040.795
07-02-2022 10:22	49.965385	242.38724	250.12692	242.32687	428.61398	424.91144	419.27518	22.687328	32.307484	24.673635	-0.2638385	-0.22949266	-0.30734178	-0.26475897	1430.8606	1839.9086	1804.4309	5075.1997

07-02-2022 10:23	49.98068	241.77553	249.78462	241.43037	427.5779	423.87747	418.14636	22.678974	32.164654	24.649439	-0.26041707	-0.22807442	-0.31333774	-0.26305413	1410.6642	1791.3085	1810.898	5017.3706
07-02-2022 10:24	49.98426	242.17001	249.53009	240.8205	427.44708	423.601	417.75177	22.567223	32.585327	24.546003	-0.2547141	-0.21683341	-0.4089869	-0.2851933	1368.0748	1708.2322	2622.6987	5699.005
07-02-2022 10:25	50.024914	242.47934	250.29471	241.63307	428.23514	424.92496	418.90616	23.029394	32.74814	24.053276	-0.27634573	-0.22095414	-0.38010207	-0.28355846	1523.4404	1744.7483	2142.917	5411.1055
07-02-2022 10:26	50.01821	241.0931	251.06558	242.35895	427.61273	425.4709	419.1572	23.136454	32.059128	24.769997	-0.28313679	-0.24042824	-0.30980468	-0.27366805	1558.8649	1911.04	1810.2065	5280.1113
07-02-2022 10:27	49.988373	241.38466	250.98094	242.98105	428.15027	425.7486	419.7683	23.21581	31.944118	24.723747	-0.28554228	-0.23486933	-0.3148527	-0.2736931	1580.2993	1849.1534	1847.1797	5276.633
07-02-2022 10:28	50.032093	240.97348	250.62909	242.88963	427.3239	425.3956	419.4661	23.997463	31.5952	24.833357	-0.27968472	-0.25655895	-0.31037268	-0.27967644	1602.3857	2032.7173	2166.23	5803.677
07-02-2022 10:29	50.037956	241.00131	251.0335	242.17012	427.29404	425.28687	419.1172	23.896229	31.285347	24.132229	-0.27604246	-0.2562125	-0.3741283	-0.29714486	1571.371	1997.3622	2122.5298	5691.2637
07-02-2022 10:30	50.03949	240.5799	250.2375	242.30821	426.41885	424.7248	418.6804	23.977015	31.376677	24.832975	-0.27953565	-0.25562027	-0.30657685	-0.27829003	1599.9109	1981.0166	1793.3776	5374.3047
07-02-2022 10:31	50.051514	240.60306	250.07373	242.25511	426.29263	424.3904	418.79895	23.80018	31.927786	24.780815	-0.27177635	-0.24034347	-0.3151253	-0.27209094	1529.6038	1870.542	1835.5577	5235.7036
07-02-2022 10:32	50.063694	238.55496	249.25201	240.51213	423.59033	422.17834	415.73047	24.040764	31.56642	23.00348	-0.28884435	-0.2349702	-0.323876	-0.2769433	1639.7084	1839.5505	1733.3728	5212.632
07-02-2022 10:33	50.063316	238.99747	248.72507	239.64928	423.63168	421.17984	415.05588	23.810532	32.27968	26.194284	-0.28705695	-0.2525036	-0.5154258	-0.34324682	1613.7327	1991.6238	3049.104	6654.4604
07-02-2022 10:34	50.046474	240.32713	250.44186	239.93983	425.70877	423.46008	416.49905	23.690907	32.735603	31.355742	-0.28638336	-0.21578284	-0.4854832	-0.32849222	1617.787	1758.2566	3559.628	6935.6714
07-02-2022 10:35	50.060997	241.29562	250.45526	241.37894	427.14502	424.61478	418.09332	23.852865	33.517914	32.909615	-0.29091135	-0.21149002	-0.4293394	-0.31003526	1663.504	1753.9185	3314.0515	6731.474
07-02-2022 10:36	50.056255	241.55023	250.36302	241.90915	427.2597	425.30692	418.48825	23.848091	33.331448	33.44464	-0.2924786	-0.2014293	-0.43161273	-0.30842602	1664.508	1683.5679	3404.1833	6752.26
07-02-2022 10:37	50.04301	241.94055	250.78957	242.50833	427.91724	426.10074	419.4858	23.657825	33.457943	33.427612	-0.26576498	-0.2075996	-0.46675307	-0.31448713	1503.9178	1704.4431	3681.1162	6889.4775
07-02-2022 10:38	50.0419	240.43135	249.35133	240.85245	425.02838	423.55545	416.94867	24.06617	32.407005	33.00792	-0.2861341	-0.25017956	-0.51415104	-0.355117	1630.9331	1991.0569	3977.8901	7599.88
07-02-2022 10:39	50.038048	240.9979	249.61632	241.46931	425.78894	424.348	417.90216	24.216194	32.7111	33.489754	-0.29506367	-0.27737275	-0.46232742	-0.34919253	1710.7808	2228.1975	3637.6028	7576.581
07-02-2022 10:40	50.02348	241.35391	249.90758	242.15645	426.74362	424.99448	418.60773	24.811817	32.989258	33.691853	-0.3376914	-0.28407416	-0.46437612	-0.36371303	2012.4973	2343.0645	3674.3706	8028.057
07-02-2022 10:41	50.000896	241.20679	248.91164	241.59145	425.70914	423.84094	417.83627	23.953722	33.06588	33.45632	-0.29187414	-0.3560667	-0.45902276	-0.3764299	1668.2323	2960.034	3599.2837	8227.55
07-02-2022 10:42	50.005093	241.851	249.32645	241.88261	426.8794	424.3822	418.4629	23.815496	33.382607	32.986305	-0.2835446	-0.3658558	-0.51567626	-0.39784774	1620.0642	2978.996	4000.3794	8599.439
07-02-2022 10:43	49.981667	242.8365	250.46303	242.61108	428.3021	426.25677	420.10947	23.819868	33.382347	32.914284	-0.28237355	-0.37113723	-0.51093334	-0.3978318	1623.4695	3027.63	3967.2402	8618.34
07-02-2022 10:44	50.00173	241.96333	249.07823	242.5529	426.8046	424.97842	418.86353	23.488062	33.724	33.492767	-0.31329	-0.37567377	-0.46068588	-0.39040762	1753.5007	2994.6692	3629.288	8377.458
07-02-2022 10:45	49.97906	242.04616	249.61	242.22296	426.97684	425.1435	419.0259	23.507349	33.345116	33.281475	-0.30935097	-0.36441985	-0.45522523	-0.38471544	1744.2966	3018.5425	3560.9956	8323.834
07-02-2022 10:46	49.978653	242.11961	248.91478	242.68623	426.94104	424.75525	419.16245	23.029802	33.337215	33.58726	-0.29832703	-0.36059588	-0.4404584	-0.37404326	1640.3563	2894.4258	3483.3555	8018.137
07-02-2022 10:47	49.949486	242.39604	248.55371	242.87135	427.40833	424.43613	419.17636	22.98605	33.187687	32.988197	-0.3004829	-0.36278257	-0.48406678	-0.39084935	1656.776	2949.0808	3772.1636	8378.0205
07-02-2022 10:48	49.961555	242.8372	250.30849	244.0659	428.72943	426.98505	421.1896	23.115715	33.82138	33.611553	-0.3012639	-0.36916417	-0.43369865	-0.3754051	1674.5505	3051.0889	3461.2034	8186.843
07-02-2022 10:49	50.009624	244.24211	251.38284	244.64145	430.84616	428.49988	422.85315	25.181232	34.01607	33.708378	-0.29964375	-0.3379185	-0.43233094	-0.36122796	1829.1115	2841.5352	3463.0935	8133.74
07-02-2022 10:50	50.024097	244.6856	251.4429	244.7069	431.42474	428.7631	422.99805	25.32396	34.31749	33.71824	-0.2911631	-0.34173074	-0.43316934	-0.35675767	1777.7533	2801.2622	3478.5	8057.5156
07-02-2022 10:51	50.043053	244.5583	251.91176	245.0686	431.42438	429.45013	423.53183	24.261356	34.08336	34.837677	-0.25396475	-0.33024415	-0.40830246	-0.33959416	1502.4526	2781.5525	3402.2349	7686.24
07-02-2022 10:52	50.042698	244.09854	251.02579	244.4325	430.2716	428.3795	422.3237	24.593832	33.892826	35.146873	-0.2287271	-0.32888982	-0.3366528	-0.30553532	1360.6372	2732.645	2857.6978	6950.9805
07-02-2022 10:53	50.043316	244.64388	251.59003	244.0141	430.75635	429.00708	422.42093	23.762848	32.02486	35.20819	-0.14255804	-0.20531315	-0.3386007	-0.23951963	812.4036	1621.4802	2844.0457	5277.9297
07-02-2022 10:54	50.036243	244.8417	251.84663	244.18367	431.27655	429.1337	422.85324	23.771156	31.932167	35.23634	-0.1405237	-0.20871948	-0.33862326	-0.24037333	809.1719	1651.7015	2844.9639	5305.8374
07-02-2022 10:55	50.03715	244.78795	251.2411	243.68065	430.765	428.38733	422.09818	23.756474	32.438046	35.23608	-0.14234127	-0.22792728	-0.33462858	-0.24721806	821.6322	1835.1953	2812.683	5469.5107
07-02-2022 10:56	50.054585	243.51239	251.46248	242.9503	429.4748	427.77133	420.9209	23.65987	31.684845	34.455334	-0.13670065	-0.20898342	-0.38255394	-0.2553583	780.59204	1642.1318	3130.622	5553.3457
07-02-2022 10:57	50.043465	243.64519	251.52043	243.64435	429.9452	428.315	421.435	22.695667	31.108566	34.72838	-0.181368	-0.21587312	-0.35894933	-0.26228783	992.07983	1669.5393	2965.5405	5627.2217
07-02-2022 10:58	50.046772	244.72247	252.58499	244.6906	431.70035	429.99594	423.51782	22.765406	31.151829	34.889797	-0.1781317	-0.20867665	-0.3569888	-0.2582389	982.37463	1604.7969	2971.177	5558.3486
07-02-2022 10:59	50.05358	245.14673	252.8987	245.2024	432.5551	430.8331	423.9917	22.767906	31.34793	34.93154	-0.17658405	-0.21000297	-0.35522828	-0.25954804	970.6469	1654.6877	2976.5522	5601.887
Date_Time	Frequency	Voltage_Phase_R	Voltage_Phase_Y	Voltage_Phase_B	Voltage_Phase_R_to_Y	Voltage_Phase_Y_to_B	Voltage_Phase_B_to_R	Current_Phase_R	Current_Phase_Y	Current_Phase_B	Power_Factor_R	Power_Factor_Y	Power_Factor_B	Total_Power_Factor	Active_Power_R	Active_Power_Y	Active_Power_B	Total_Active_Power
07-02-2022 11:00	50.04814	245.24971	252.93446	245.42577	432.76013	430.9558	424.2883	22.7944	31.312769	35.00293	-0.17689386	-0.2070551	-0.35630774	-0.25707248	969.74884	1530.3639	2973.1475	5473.2607
07-02-2022 11:01	50.056637	246.24321	253.97945	246.02277	434.2544	432.44464	425.87317	22.825874	31.24332	35.015972	-0.17397787	-0.2074524	-0.35930234	-0.25756165	976.60486	1614.6321	3023.9321	5615.169
07-02-2022 11:02	50.051315	246.8058	254.49763	246.50114	435.07413	433.47827	426.72238	22.748842	31.433088	35.022396	-0.19289863	-0.2477258	-0.35512644	-0.27527496	1070.5198	1912.1547	2995.6619	5976.3047
07-02-2022 11:03	50.057755	247.15208	255.20158	246.00992	435.60626	434.1013	426.5474	22.731045	31.446014	34.345932	-0.18784435	-0.24633813	-0.4064039	-0.29230523	1038.5159	1971.2612	3351.6597	6361.4365
07-02-2022 11:04	50.05405	247.07167	255.1743	246.371	435.69495	433.99408	426.9987	22.73808	31.00985	34.370132	-0.18442549	-0.22374205	-0.406762	-0.2854197	1036.6997	1757.1455	3369.5073	6163.3525
07-02-2022 11:05	50.058228	247.41115	255.50095	246.59409	436.64377	434.5052	427.08282	22.78616	31.931934	34.37757	-0.1855907	-0.20611416	-0.40455788	-0.27592766	1027.7924	1628.5626	3335.854	5992.209
07-02-2022 11:06	50.047222	247.34007	255.3021	246.57124	436.405	434.20496	427.11145	22.812597	31.72042	34.33732	-0.1867599	-0.19911095	-0.3890129	-0.26784888	1041.6106	1615.9052	3207.5054	5865.0215
07-02-2022 11:07	50.03473	247.13318	255.38692	246.72928	436.0714	434.29395	427.41516	22.800148	31.689487	34.20341	-0.18572077	-0.20582737	-0.3861708	-0.26888543	1037.3804	1663.7804	3181.2236	5882.385
07-02-2022 11:08	50.03669	247.35077	255.48882	246.6334	436.33078	434.29886	427.53903	22.62863	31.802147	33.622494	-0.15573286	-0.2056507	-0.40731627	-0.26842147	865.2572	1635.2867	3290.708	5791.252
07-02-2022 11:09	50.065716	247.54547	255.5133	246.42361	436.4121	434.35278	427.42374	22.4736	31.841412	34.15383	-0.16165698	-0.2053787	-0.38704675	-0.26097724	885.4613	1613.3157	3168.0251	5666.8022
07-02-2022 11:10	50.054253	247.82005	255.57315	246.5665	437.06863	434.43454	427.51242	22.52845	32.22886	34.209064	-0.16602819	-0.21688193	-0.38454166	-0.26912877	912.86676	1800.6774	3162.5542	5876.0986
07-02-2022 11:11	50.05332	247.73694	255.13763	246.65797	436.40973	434.51068	427.35352	22.353989	31.725195	34.256	-0.13854513	-0.19990551	-0.38868684	-0.25421134	765.5012	1573.6724	3198.1033	5537.2764
07-02-2022 11:12	50.07739	248.12009	255.51016	246.54887	436.92465	434.71182	427.75964	22.304699	31.22388	33.503887	-0.13555889	-0.23512192	-0.43903363	-0.28649664	741.8567	1880.0072	3535.831	6157.6953
07-02-2022 11:13	50.063828	248.31456	255.47864	246.9899	437.28998	434.8362	428.31073	22.536842	31.235504	33.5012	-0.13339017	-0.23327525	-0.433771	-0.28292686	731.7571	1848.3477	3485.0469	6065.1514
07-02-2022 11:14	50.06721	248.82127	255.88994	247.32541	437.98218	435.52875	429.09732	22.551544	31.336971	33.554035	-0.13141386	-0.23634982	-0.43164048	-0.2826904	720.19617	1824.3613	3472.1802	6016.6597
07-02-2022 11:15	50.047714	249.194	255.3486	247.46904	438.2246	435.43088	428.90494	22.54306	31.202255	34.1146	-0.13578814	-0.23113196	-0.38319197	-0.26456568	757.1144	1806.3564	3144.914	5708.385
07-02-2022 11:16	50.0317	249.29018	255.61781	247.06984	438.00034	435.65308	428.8544	22.569769	31.0334	34.08068	-0.13799447	-0.23039289	-0.38692904	-0.26618573	767.768	1840.0972	3180.4355	5788.301
07-02-2022 11:17	50.00597	251.37894	254.95497	246.98138	439.66953	435.69156	429.44827	22.528725	31.53308	34.066166	-0.14357902	-0.24755323	-0.38054213	-0.27105543	805.0123	1994.7931	3139.8062	5939.612
07-02-2022 11:18	49.983875	249.47629	252.3194	245.54895	436.3562	431.9007	426.19577	22.427597	31.08758	33.87184	-0.14873415	-0.2316799	-0.37693128	-0.26538557	818.0108	1771.2715	3074.1025	5663.385
07-02-2022 11:19	49.974255	249.19395	253.04506	245.2862	436.35522	432.41718	426.007	22.420887	31.364922	33.848415	-0.148605	-0.24475975	-0.383682	-0.27251285	811.4646	1828.9434	3088.5215	5729.164
07-02-2022 11:20	49.990696	248.79059	253.05516	245.24562	435.9795	432.38278	425.66736	22.495623	31.823372	34.031452	-0.14712676	-0.20804659	-0.38106775	-0.257579	807.5936	1677.4733	3099.1567	5584.2236
07-02-2022 11:21	50.01734	248.48082	253.19202	244.11137	435.44882	431.5155	424.8163	22.508636	31.769222	33.39042	-0.15161194	-0.23856482	-0.43515667	-0.289769	842.25806	1898.7908	3456.4915	6197.54
07-02-2022 11:22	50.020035	247.83893	252.89587	243.88173	434.4964	431.14145	424.11978	22.492706	32.311806	33.346207	-0.14603966	-0.21812026	-0.42792574	-0.27700096	797.1215	1707.5479	3383.8027	5888.472
07-02-2022 11:23	50.01177	248.42061	253.47748	244.43204	435.4927	432.07053	425.163	22.490177	32.151466	33.359226	-0.14767158	-0.21328193	-0.4345225	-0.27626154	809.957	1669.6803	3449.2307	5928.8677
07-02-2022 11:24	50.029133	248.0222	252.89438	244.67455	435.04453	431.60684	424.7873	22.504036	32.44206	34.06038	-0.15316378	-0.21948916	-0.38164154	-0.2632702	844.682	1749.436	3092.0586	5686.177