

Green and Energy Audit Report

Mar Elias College 2023-2024

Team of Auditors

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Background

Mar Elias College, was established in the year 2006 at Kottappady near Kothamangalam. It is affiliated to Mahatma Gandhi University and approved by the Government of Kerala. The college functions in a serene campus that provides a conducive ambience for learning. It is administered under the auspices of Kalkunnel Mar Gee Varghese Sahada Church, Kottappady. The college offers job-oriented Graduate and Post Graduate courses and is a co-educational institution believing in inclusive education.

Students

Total No of Boys : 411

Total No of Girls : 301

Total No of Students : 712

Teachers

Male : 04

Female : 42

Total : 46

Non – Teaching Staff

Male : 03

Female : 07 **Total**

: 10

Mar Elias College, is a fairly new college, and is committed towards going green. In this age where the environment is recognized as a vital component of human existence and progress, the college has formulated policies to ensure that the environment is taken care of and an atmosphere conducive to education is provided. The aspects of safety, security and well-being are addressed in a good manner. The institution has initiated and implemented measures to reduce its carbon foot print and move in compliance with norms and rules pertaining to an educational institution.

Basic Data

Mar Elias College stands on a property of 7.49 acres.

The Land Use- Land Cover ratio of the college property is given below.

Total Area	Area used for construction	Area covered by greenery	Percentage of land with green cover
Campus 7.49 acres	52841.54 sq ft	4 acres	53.40 %

Policies towards reducing the carbon foot print and serve as guidelines for the green initiatives of the college are included in the Annexure 1

As part of the institution's commitment toward becoming a cleaner, greener campus that provides a conducive environment suitable for learning and human activity measures are being adopted in planned stages. To ensure that various academic and allied activities are carried out with minimal harm to the environment and resources are put to judicious use, policies have been framed and ratified. Wholly imbibing the spirit of Lester Brown's words that "we have not inherited this earth from our forefathers, we have borrowed it from our children" the institution which is a center of learning tries to reflect this in all its operations, while at the same time recognizing that many of these measures are to be progressively upscaled and stepped up. The management of the college believes that future generations who walk through the portals of the college should feel that significant efforts were made to make the campus clean and green.

Greenery on the Campus



The college has a good mix of fruit trees and ornamental plants.

The list of trees and other greenery on the campus is given in Annexure II

Apart from this, the plantation of pineapple on the plot adjacent to the campus and part of the college property is a good carbon sink that helps to balance the carbon emissions by the college. Together with serving a commercial purpose, it is an example of how land owned by the college but not used for academic purposes can be used for human benefit. Recommendation

1. Conduct a proper biodiversity study of the flora on the campus
2. Label and document the trees on the campus
3. Use more land for ornamental and fruit trees
4. Use more land for gardens, vegetable gardens



Pineapple Plantation on the Campus

Water Audit

The sources of fresh water is a well on the campus, the water of which is periodically tested. The report of water testing is attached in the Annexure III. Water that comes from the well is supplied for drinking through the coolers, the picture of which is given below



Cooler for Drinking Water

Recommendation

1. Waste water treatment and sewage treatment using aquatic plants or root zone method to be set up.
2. Carbon filtering of well water recommended

Rainwater Harvesting

A rainwater harvesting unit has been installed in the campus to store the run off from the roof of the college. Pictures of the unit are given below.



Rain Water Harvesting Unit

Waste Management Audit

Facilities available

1. Colour coded Waste bins are available
2. No flex banners are permitted on the campus
3. Base line study for implementation of Green Protocol banning use of single-use disposable plastic plates and cups is proposed.

Colour Coded bins

Waste is thus segregated at source and dry waste is handed over to the agency authorized by the local self-government.





Dry waste particularly plastic being collected by the government agency

Bin to store plastic waste

Food waste and organic waste are not a problem on the campus as the canteen mostly serves kanji (rice gruel) which is a zero-waste food item. Most of the food items served in the canteen are again with zero packaging. Pictures are given below.



Kanji (Rice gruel) served in the canteen for lunch



Disposable plates are not used in the canteen, instead washable and reusable plates are used.



Most of the snacks served in the canteen are non-packaged items reducing the generation of plastic waste in the campus.

Organic waste like dead leaves and garden trimmings are composed in compost rings.



E-Waste is stored in a separate storage room set aside exclusive for this. The room is covered and kept under lock and key. Picture is given below.



Recommendations

1. Have system to number, document and safely dispose e-waste components in a systematic way.
2. Enter into an agreement with a licensed agency to dispose e-waste
3. Monitor volume of paper waste and plastic waste disposed
4. Have monthly clearances of dry waste done, educate and train cleaning staff to eliminate any kind of rubbish or trash burning
5. Scale up the Green Protocol – steel cups and glasses to avoid use of single use disposable plates and cups
6. Popularize the Green Campus Concept on use of single use decoration items made of Styrofoam, Straws, disposable plates and cups, eatables in plastic wrappers, bringing plastic carry bags to college, online food ordering and delivery
7. Associate with government or NGOs for more green initiatives

Environmental Quality Audit

Toilets on the Campus (Students)

Total Toilets for Girls : 24

Total Toilets for Boys : 29

Total Toilet for students : 53

Toilets on Campus (Teaching & Non – Teaching Staff)

Total Toilets used by Teachers & Non - Teaching Staff : 09

Both female and male teaching and non – staffs use same toilets.

Total No. of Toilets on the Campus : 62

Total No. of concreted septic tank : 02

Total No. of concealed (beneath the earth) septic tank : 02

Total No. of septic tank : 04



Separate well-constructed toilets are available for men and women. Pics given below



Air and Noise

1. No studies have been conducted to monitor quality of air
2. No studies have been conducted to monitor noise level but since heavy machinery is not operated, the noise levels would seem to be well within limits
3. Student vehicles are not permitted on the campus

Recommendations

1. Conduct a study to check quality of air on the campus
2. Have a No-Horn zone declared within the campus

Health Audit

Awareness classes, Health Checkups, Blood donation camps are organized under the Social Work Department which include awareness classes done on various health aspects like women's' hygiene, use of menstrual cups, anti-narcotics, anti-tobacco day, road safety Safety Measures

First aid kit: first aid kit is available in every department of the college. It is easily accessible



1. Availability of First Aid Kits available in all department
2. Easy Access to First Aid Kits
3. **Sick rooms:** sick rooms are available for sick students. First aid kit is available in sick rooms.



Ramp

A good ramp with a handrail is available enabling differently abled students and staff to access the college. The picture of this is given below.





Fire Extinguishers

Fire Extinguishers are installed on all floors. Pictures of Fire-extinguishers are given below.





Recommendations

1. Need to indicate a Common Assembly Point in case of disasters like fires
2. Disaster Training and First Aid training can be given to students

Using Renewable Energy

A remarkable feature observed about the buildings on the campus is that all class rooms have access to natural sunlight and this does away with the need for artificial lighting.

Pictures of well-lit class rooms given below



Solar Panels

Solar Panels have been installed to harness the energy of the sun and this source of green energy is a big step towards reducing the carbon footprint of the college.



Solar panels installed

Annual Maintenance Contract for the Solar Panel is given in Annexure VI

Carbon Accounting

Area under land cover

1. Green Canopy : 4 Acres
2. Number of Trees: 51
3. Species of Trees contributing to Biodiversity: 25
4. Number of Potted Plants : 93
5. Carpooling system is practiced by teachers

Recommendations

6. Carbon Sequestration : Bamboo plants can be planted and maintained
7. Cycle/ Walking Week can be observed
8. No Plastic week can be observed

Energy Audit

The power consumption of the College is recorded in the Power Bills attached in Annexure

The number of devices that work on power are listed in Annexure V

Credit is due to the institution which has of LED bulbs and tubes and CFL Bulbs installed which significantly contributes to the reduction in consumption of power. Only 10 A/c units have been installed throughout the campus as the well aerated rooms do not require artificial cooling.

Fuel Consumption by Vehicles owned by Institution

The college owns three buses. These buses are used for the commutation of the students and staff. This itself reduces the need of students and staff to use their own vehicles keeping the carbon footprint low. Recommendations

1. Future purchase of Devices, BEE star rating to be ensured
2. Save electricity signs to be put up near all switch boxes
3. College buses need to be monitored in terms of fuel consumption.
4. A system has to be put into place to monitor the monthly consumption of fuel and work towards bringing down the fuel consumption.
5. Pollution Checks have to be done regularly and the proof of testing needs to be filled.
6. Measures have to be taken as a policy to keep the vehicles in good maintenance and regularly check Tyre pressure and ensure maximum fuel efficiency

Consolidated Report

Mar Elias College can be said to be aspiring to be an ideal green campus as is evident in the policies, initiatives and measures taken by the college in areas relevant to environment as well as the well being of human beings occupying and using the campus. The measures and steps taken by the college to ensure a conducive environment for students and staff are noteworthy. While man's existence in harmony with the environment is always a project under progress, there are commendable and progressive measures on the campus in terms of drinking water, toilets, management of waste, shift to renewable energy and far-sighted policies to ensure least pollution and threat to the environment.

Fresh water is from the well on the campus, the water of which is systematically tested and drinking quality ensured. Water coolers and filters are available and accessible. The number of toilets is sufficient to ensure zero open defecation. Waste is being disposed scientifically. The institution has already installed rainwater harvesting unit and solar panels marking a shift to clean and renewable sources of energy. The college has policies on zero waste and zero pollution and actively organizes and involves students in programs towards sustainable policies and practices.

The detailed report above points out the initiatives of the college in important areas as well as makes recommendations on how the institution can move even further towards becoming a green campus in every sense.

List of Annexures

Annexure I – Policies of the College

Annexure II – List of Trees and Plants on the Campus

Annexure III – Report of Water Testing

Annexure IV – Power Bills for the period 2023-24

Annexure V – List of Devices that work on Power

Annexure VI – AMC for the Solar Panel

Annexure VII - List of Environmentally Relevant programs

Annexure I – Green Policies of the College

Policy on Energy Conservation

The institution acknowledges the fact that energy is needed for most of the activities that need to be conducted on the campus and the institution in all humility accepts that energy is a valuable resource. Hence at every level the institution strives to make sure that energy and resources are judiciously.

Lighting and Ventilation

The classrooms and other rooms of the college are well ventilated and well-lit by sunlight during the day time which constitutes almost all the activity for the college. Hence there is minimal if no need to depend on artificial lighting. This goes a long way towards reducing the need for other sources of energy for the purpose of lighting. Care is taken during construction to ensure proper penetration of sunlight as well as cross ventilation limiting the need for air conditioning. In majority of the rooms occupied, a ceiling fan or two ensures circulation of air and limits and almost entirely eliminates the need for air conditioning.

Nevertheless, the college has considered and finalized the need to shift towards installing solar panels and thereby reduce the dependency on the state power supply. This transition towards solar energy is hereby recorded as part of the institutions policy towards energy. Solar panels would be installed in phases and at the end of the phased installation, the college hopes to meet its energy needs with the help of solar power.

Main Points on the Policy of Energy Conservation

1. All classrooms and other rooms to be constructed in such a way that there is sufficient natural lighting from the sun and ventilation. This will reduce the need to use electrical devices for lighting and air circulation.
2. Reminders Messages to be displayed near all switchboards in classrooms and other rooms to remind users to turn off lights and fans when the room is not occupied.
3. Possibilities and potential to install solar panels to be explored. Solar panels to be installed in phases so as to reduce the dependency on the state power supply and make the operations of the college more sustainable and carbon positive.
4. Since the college is located along a bus route, private vehicles are discouraged from entry into the campus as a means to encourage more and more staff and students to use public transport. This practice will bring down the carbon foot

print of the institution as a whole. Students are encouraged to use the college buses.

Policy on Waste Reduction and Management

Recognizing that plastic disposables are a major threat to the environment and sound waste management practices can go a long way towards making the campus carbon positive, the following measures have been incorporated into the zero-waste policy of the campus. The college aims to become a zero-waste campus within a period of 5 years.

1. All kind of burning is discouraged in the campus. This part of the policy ensures that even dead leaves and garden cuttings do not get burnt and contribute to carbon dioxide emissions. Instead, such garden waste is composted in leaf composters or compost pits.
2. Paper is by no means to be burnt but has to be collected and recycling ensured by handing over to scrap dealers who will ensure recycling
3. Plastic waste too must not be burnt but is to be handed over to recyclers or government agencies authorized to carry out scientific processing or disposal of plastic waste.
4. At the same time, in keeping with the state government's norm of zero waste, The Green Protocol has to be implemented in the campus.
5. As part of the Green Protocol, plastic disposables are to be banned on the campus especially disposable plates, cups and straws.
6. The college has to take initiative and invest in reusable utensils like steel plates and cups to be used as substitutes for plastic disposables and thus bring down the use of plastic disposables.
7. Flex banners have to be banned on the campus.
8. Styrofoam decorations and thermocol decorations have to be completely banned.
9. A system needs to be set up for the collection of disposable pens that students tend to use and the disposal of these through plastic recyclers.
10. E-waste generated on the campus has to be generated and documented. Ewaste needs to be properly stored in a closed room with proper roofing. Ewaste needs to be disposed only through authorized agencies.
11. The furnace and chimney that was originally constructed for burning of garden waste is to be decommissioned and used for some other purpose.
12. Sanitary waste like sanitary napkins have to be discouraged in favour of more sustainable practices like the menstrual cup.

13. The practice of selling packaged snacks in the canteen has to be stopped. Or the canteen operators need to take the responsibility of the disposal of such packaging generated after the consumption of such snacks.
14. Packaged and parceled lunch in plastic packaging is discouraged, and students are encouraged to bring lunch in reusable lunch boxes or packages made of banana leaves.
15. Awareness programs have to be conducted for the students and staff on days like June 5th (World Environment Day) to educate them on the need to reduce waste.

Policy on Green Protocol

Green protocol

- 1 Reduce waste, promote reuse and recycling
- 2 Conserve energy, turn off lights, fans and other appliances when not in use
- 3 Promote the use of ink/paper pens and refills for white board markers
- 4 Use bags pencil pouches and purses made of cloth
- 5 Avoid rexine binding and plastic covering on projects and reports
- 6 Prevent food wastage
- 7 Bring food and drinking water in reusable utensils: Avoid packaged food and drinks
- 8 Do not use disposables where food is served
- 9 Serve water in reusable tumblers, avoid using plastic bottles
- 10 Avoid distributing sweets with wrappers
- 11 Welcome dignitaries with a sapling or flower instead of bouquets with plastic
- 12 Decorations may be done without balloons, thermocol cello tape, insulation tape and other plastic items
- 13 Minimise the use of printed material and promote e copies wherever possible
- 14 Use cloth banners or electronic display boards and avoid flex
- 15 Encourage eco-friendly practices among peers and in the community

Annexure II – List of Trees and Plants on the Campus

TYPES OF TREES

RAMBUTAN-4

MULLATHA-2

MANGO TREE -6

MANGOESTIA-1

PALM-17

JACKFRUIT-1

GRANBU-1

COCONUT-1

GUVA-1

VELVET APPLE-1

LAKSHMITHARU-2

CHEMBAKAM-1

UNIDENTIFIED-13

Total number of trees inside the campus -51

POTTED PLANTS

PLANTS IN POTS- 15

GROW BAGS-75

PLANT POTS MADE FROM PLASTIC-27 (INITIATIVE FOR GREENER CAMPUS)

BIODIVERSITY

INSIDE THE CAMPUS

POTTED PLANTS – 90

PLANTS - 153

TREES – 51

AROUND THE CAMPUS

TREES – above 500

PLANTATION –above 300

Annexure III

Report of Water Testing



KERALA WATER AUTHORITY

Telephone 0485-2995332
email: qcSDLKTM@gmail.com



QUALITY CONTROL SUB DISTRICT LAB, KOTHAMANGALAM-686691

WATER TEST REPORT

ULR NO: TC105552400000243F

Report Issue Date: 29.01.2024

Customer Name & Address	Date of Receipt of Payment	22.01.2024
Mar Elias College Kottappady Kottappady P.O Kothamangalam	Date of Sample received	23.01.2024
	Sample given by	Customer
	Sample Code	247/1/24
	Sample Name	Drinking Water
	Sample Condition	Good
	Source of Sample	Open Well
	Sample Quantity	2 Litre
	Test performing dates : From: 24.01.2024 To 27.01.2024	

Sl.No	Characteristics	Unit	Test Method	Acceptable Limit as per IS 10500-2012	Result
1	Colour	Hazen	IS 3025 (Part 4)-2021	5	1
2	Odour		IS 3025 (Part 5)-2018	Agreeable	Agreeable
3	Turbidity	NTU	IS 3025 (Part 10)-1984 (Reaffirmed 2017)	1.0	0.95
4	pH at 25° C		IS 3025 (Part 11)-2022	6.5 to 8.5	6.01
5	Total Alkalinity (as CaCO ₃)	mg/L	IS 3025 (Part 23)-1986 (Reaffirmed 2019)	200	22.9
6	Total Dissolved Solids (TDS) at 180°C	mg/L	IS 3025 (Part 16)-2023	500	50
7	Total Hardness (as CaCO ₃)	mg/L	IS 3025 (Part 21)-2009 (Reaffirmed 2019)	200	26
8	Calcium (as Ca)	mg/L	IS 3025 (Part 40)-1991 (Reaffirmed 2019)	75	8.01
9	Magnesium (as Mg)	mg/L	IS 3025 (Part 46)-1994 (Reaffirmed 2019)	30	1.45
10	Chloride (as Cl)	mg/L	IS 3025 (Part 32)-1988 (Reaffirmed 2019)	250	11.4

Remarks:-

- NB:-1) The result stated above related only to the sample(s) submitted for testing by the customer .
2) The samples retain for 15 days from the end date of analysis
3) The test certificate shall not be reproduced except in full without the written approval of the Laboratory
4) BDL :- Below Detectable Limit
5) DL :- Detectable Limit

Analysed By

Technical Manager

Reviewed & Authorized By

Quality Manager



QUALITY MANAGER
KWA, QCSDL
KOTHAMANGALAM

KWA/QCSDL/KTML/F-26	Issue Date : 02.07.2021
Rev No:02	Rev Date : 31.07.2023
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Annexure IV

Power Bills for the Period 2023-24

KERALA STATE ELECTRICITY BOARD LIMITED									
DEMAND CUM DISCONNECTION NOTICE									
(As per Regulation 122 & 123 of Kerala Electricity Supply Code 2014)									
Section	5588-Electrical Section Kurupampady			Phone#	0484-2523448		Customer Care	1912	
Consumer#	1155880016022			Reg. Mch#	860xxxxx600		Regular CC Bill	KSEB GSTIN: 32AARF22779821	
Name & Mailing Address				For redressing complaints/grievance approach the concerned CGRF					
MANEING TRESTEE				South: Chairperson, CGRF (South), KSEB Ltd, Vidyut Bhavanam, Kottarakkuda 471006, Ph: 9474-2555229					
KALKUNNEL MAR GHEEVARGHEE SAHADHAYA TRUST, K				Central: Chairperson, CGRF (Central), KSEB Ltd, Power House Building Ernakulam 682018, Ph: 9484-2354228					
OTTAPADY				North: Chairperson, CGRF (North), KSEB Ltd, Gandhi Road, Kozhikode-32, Ph: 9495-2367829					
				State Electricity Ombudsman, Palikavil Building, Mannargalam, Edappally, Kochi-482024 Ph: 9484-2344488					
Bill#	5588230500441			Bill Area	M01/2		DTR	1/SP/PA/AT/UCHRA	
Billing Period	5/2023[Monthly]			Tariff/Phase	LT-6F/Three		Pole#	XX-213L-4	
Bill Date	02-05-2023			Due Date	12-05-2023		DC Date	27-05-2023	
Contract Demand	(Nil) VA [75% : 0KV, 130% : 0KV]			Connected Load	23840 Watts		Security Deposit	Rs.30158.00	
Meter#	VTK020220001229257			Average consumption(Monthly)					
Meter Digits	5.1			Power Unit/Zone	CUMULATIVE				
Meter Type/Owner	NET Meter/KSEB			KWH	50				
Last Billed Rdg. Date		Prev. Rdg. Date		Prev. Meter Rdg. Status		Prst. Rdg. Date		Prst. Meter Rdg. Status	
01-04-2023		01-04-2023		Working		02-05-2023		Working	
Power Unit	Zone	Trading	Initial Reading(IR)	Final Reading(FR)	OMF	Units*			
KWH	Cumulative	Import	2331.00	3383.00	1	1052			
KWH	Cumulative	Export	200.00	383.00	1	183			
Remarks :				Bill Details					
Last Paid Amount - Rs.19527.00				[NR] Amount(Rs.)					
Last Payment Date - 10-04-2023				a) Fixed Charges					
				Fixed Charge[FC]					
				4080.00					
				Sub Total					
				4080.00					
				b) Energy Charges					
				Energy Charge[EC]					
				2038.25					
				Fuel Surcharge[FS]					
				78.21					
				Sub Total					
				8116.46					
				c) Other Charges					
				Electricity Duty[ED]					
				803.83					
				Meter Rent[MR]					
				35.00					
				ED[Self Generation]					
				7.28					
				Sub Total					
				846.11					
				d) GST					
				MR-CGST					
				3.15					
				MR-SGST					
				3.15					
				Sub Total					
				6.30					
				e) Round Off					
				0.13					
				f) Total Amt.(Bill#5588230500441) (a+b+c+d+e)					
				13049.00					
				g) Surcharge					
				0.00					
				h) Reconnection Fee					
				0.00					
				i) Interim Bills					
				0.00					
				j) Arrears					
				0.00					
				k) Less paid/adj.					
				-1329.00					
				l) Less Advance					
				-0.00					
				Net Payable(f+g+h+i+j-k-l)					
				11720.00					
Demand for 5/2023 is Rupees Thirteen Thousand and Forty Nine Only									
E&OE Payment Options: Cash, Cheque, DD, MO, Online: www.kseb.in (Debit/Credit Cards, Net Banking). Other Platforms: BBPS, Friends, Akshaya, CSC, NACH									

KERALA STATE ELECTRICITY BOARD LIMITED									
DEMAND CUM DISCONNECTION NOTICE									
(As per Regulation 122 & 123 of Kerala Electricity Supply Code 2014)									
Section	5588]-Electrical Section Kurupampady				Phone#	0484-2523448		Customer Care	1912
Consumer#	1155880016022				Reg. Mob#	860xxxx600		Regular C.C Bill	KSEBL GSTIN: 32AAEKG2277NB21
Name & Mailing Address					For redressing complaints/grievance approach the concerned CGRF				
MANAGING TRUSTEE KALKUNNEL MAR GHEEVARGHESE SAHADHAYA TRUST, K OTTAPADY					South: Chairperson, CGRF (South), KSEBL, Vidyuthi Bhavanam, Kottarakkara-681506, Ph: 0474-2451300				
					Central: Chairperson, CGRF (Central), KSEBL, 220KV SubStation, Kalamassery-683503, Ph: 0484-2556530				
					North: Chairperson, CGRF (North), KSEBL, Vidyuthi Bhavanam, Gandhi Rd., Kozhikode-673011, Ph: 0495-2367820				
					State Electricity Ombudsman D.H.Rd & Foreshore Rd. In., Near Gandhi Square, Ernakulam-682016, Ph: 0484-2346488				
Bill#	5588230602636				Bill Area	M01/2		DTR	VRP/PAKATTUCHIRA
Billing Period	6/2023[Monthly]				Tariff/Phase	LT-6F/Three		Pole#	KK-213/L-4
Bill Date	01-06-2023				Due Date	12-06-2023		DC Date	27-06-2023
Contract Demand	[Nil] VA [75% : 0KV, 130% : 0KV]				Connected Load	23840 Watts		Security Deposit	Rs.30198.00
Meter#	VTK020220001229257				Average consumption(Monthly)				
Meter Digits	5,1				Power Unit/Zone	CUMULATIVE			
Meter Type/Owner	NET Meter/KSEB				KWH	50			
Last Billed Rdg. Date	Prev. Rdg. Date		Prev. Meter Rdg. Status		Prst. Rdg. Date		Prst. Meter Rdg. Status		
02-05-2023	02-05-2023		Working		01-06-2023		Working		
Power Unit	Zone	Trading	Initial Reading(IR)	Final Reading(FR)	OMF	Units*			
KWH	Cumulative	Import	3383.00	4923.00	1	1540			
KWH	Cumulative	Export	383.00	483.00	1	100			
Remarks :					Bill Details				
Security Deposit Interest refund @4.25% - Rs.1329.00 Fuel Surcharge[FS] @9 Ps./Unit (Vide Order dt. 25-01-2023) Auto Recovery FS[FSM] @10Ps./Unit Last Paid Amount - Rs.11720.00 Last Payment Date - 12-05-2023					[INR] Amount(Rs.)				
					a)	Fixed Charges	Fixed Charge[FC]	4080.00	
							Sub Total	4080.00	
					b)	Energy Charges	Energy Charge[EC]	13320.00	
							Fuel Surcharge[FS]	125.28	
							Auto Recovery FS[FSM]	144.00	
							Sub Total	13589.28	
					c)	Other Charges	Electricity Duty[ED]	1332.00	
							Meter Rent[MR]	35.00	
							ED(Self Generation)	6.82	
		Sub Total	1373.82						
d)	GST	MR-CGST	3.15						
		MR-SGST	3.15						
		Sub Total	6.30						
e)	Round Off		-0.40						
e)	Total Amt.(Bill#5588230602636)	(a+b+c+d+e)	19049.00						
f)	Surcharge		0.00						
g)	Reconnection Fee		0.00						
h)	Interim Bills		0.00						
i)	Arrears		0.00						
j)	Less paid/adj.		-0.00						
k)	Less Advance		-0.00						
	Net Payable(a+f+g+h+i-j-k)		19049.00						
Demand for 6/2023 is Rupees Nineteen Thousand and Forty Nine Only									

KERALA STATE ELECTRICITY BOARD LIMITED **DEMAND CUM DISCONNECTION NOTICE**

(As per Regulation 122 & 123 of Kerala Electricity Supply Code 2014)

Section	[5588]-Electrical Section Kurupampady		Phone#	0484-2523448	Customer Care	1912
Consumer#	1155880016022		Reg. Mob# 860xxxx600	Regular CC Bill	KSEBL GSTIN: 32AAECK2277NBZ1	
Name & Mailing Address			For redressing complaints/grievance approach the concerned CGRF			
MANEGING TRESTEE			South: Chairperson, CGRF (South), KSEBL, Vidyuthi Bhavanam, Kottarakkara-691506, Ph: 0474-2451309			
KALKUNNEL MAR GHEEVARGHESE SAHADHAYA TRUST, K			Central: Chairperson, CGRF (Central), KSEBL, 220KV SubStation, Kalamassery-683503, Ph: 0484-2556509			
OTTAPADY			North: Chairperson, CGRF (North), KSEBL, Vidyuthi Bhavanam, Gandhi Rd., Kozhikode-673011, Ph: 0495-2367820			
State Electricity Ombudsman, D.H.Rd & Foreshore Rd Jn., Near Gandhi Square, Emakulam-682016, Ph: 0484-2346488						
Bill#	5588230800432		Bill Area	M01/2	DTR	MRIPPAKKATTUCHIRA
Billing Period	8/2023[Monthly]		Tariff/Phase	LT-6F/Three	Pole#	KK-213/L-4
Bill Date	01-08-2023		Due Date	11-08-2023	DC Date	31-08-2023
Contract Demand	(Nil) VA [75% : 0KV, 130% : 0KV]		Connected Load	23840 Watts	Security Deposit	Rs.30198.00
Meter#	VTK020220001229257		Average consumption(Monthly)			
Meter Digits	5.1		Power Unit/Zone	CUMULATIVE		
Meter Type/Owner	NET Meter/KSEB		KWH	50		
Last Billed Rdg. Date	Prev. Rdg. Date	Prev. Meter Rdg. Status		Prst. Rdg. Date	Prst. Meter Rdg. Status	
01-07-2023	01-07-2023	Working		01-08-2023	Working	
Power Unit	Zone	Trading	Initial Reading(IR)	Final Reading(FR)	OMF	Units*
KWH	Cumulative	Import	6287.00	7280.00	1	993
KWH	Cumulative	Export	578.00	674.00	1	96
Remarks :			Bill Details			
Fuel Surcharge[FS] @9 Ps./Unit (Vide Order dt. 25-01-2023)			[INR] Amount(Rs.)			
Auto Recovery FS[FSM] @10Ps./Unit			a)	Fixed Charges	Fixed Charge[FC]	4080.00
Last Paid Amount - Rs.17266.00					Sub Total	4080.00
Last Payment Date - 11-07-2023			b)	Energy Charges	Energy Charge[EC]	8297.25
Payable amt.(excluding ACD) as on 2023-08-03 21:22:23:Rs.13423/-					Fuel Surcharge[FS]	80.73
					Auto Recovery FS[FSM]	89.70
					Sub Total	8467.68
			c)	Other Charges	Electricity Duty[ED]	829.73
					Meter Rent[MR]	35.00
					ED[Self Generation]	4.70
					Sub Total	869.43
			d)	GST	MR-CGST	3.15
					MR-SGST	3.15
					Sub Total	6.30
			e)	Round Off		-0.41
			e)	Total Amt.(Bill#5588230800432)	(a+b+c+d+e)	13423.00
			f)	Surcharge		0.00
			g)	Reconnection Fee		0.00
			h)	Interim Bills		0.00
			i)	Arrears		0.00
			j)	Less paid/adj.		-0.00
			k)	Less Advance		-0.00
				Net Payable(e+f+g+h+i-j-k)		13423.00
Demand for 8/2023 is Rupees Thirteen Thousand Four Hundred and Twenty Three Only						

Solar Generation						
Description	Date	Zone	Tr.	IR	FR	Units
Regular	01-08-2023	WAL	I	2504.00	2896.00	1
Reading Point						392

KERALA STATE ELECTRICITY BOARD LIMITED **DEMAND CUM DISCONNECTION NOTICE**

(As per Regulation 122 & 123 of Kerala Electricity Supply Code 2014)

Section	[5588]-Electrical Section Kurupampady		Phone#	0484-2523448	Customer Care	1912
Consumer#	1155880016022		Reg. Mob# 860xxxx600	Regular CC Bill	KSEBL GSTIN: 32AAECK2277NB21	
Name & Mailing Address			For redressing complaints/grievance approach the concerned CGRF			
MANAGING TREESTEE			South: Chairperson, CGRF (South), KSEBL, Vidyuthi Bhavanam, Kottarakkara-691506, Ph: 0474-2451300			
KALKUNNEL MAR GHEEVARGHESE SAHADHAYA TRUST, K			Central: Chairperson, CGRF (Central), KSEBL, 220KV Sub Station, Kalamassery-683503, Ph: 0484-2556500			
OTTAPADY			North: Chairperson, CGRF (North), KSEBL, Vidyuthi Bhavanam, Gandhi Rd., Kozhikode-673011, Ph: 0495-2367820			
State Electricity Ombudsman, D.H.Rd & Foreshore Rd Jn., Near Gandhi Square, Ernakulam-682016, Ph: 0484-2346488						
Bill#	5588231000567		Bill Area	M01/2	DTR	VIRIPPAKKATTUCHIRA
Billing Period	10/2023[Monthly]		Tariff/Phase	LT-6F/Three	Pole#	KK-213/L-4
Bill Date	03-10-2023		Due Date	13-10-2023	DC Date	28-10-2023
Contract Demand	(Nil) VA [75% : 0KV, 130% : 0KV]		Connected Load	23840 Watts	Security Deposit	Rs.30198.00
Meter#	VTK020220001229257		Average consumption(Monthly)			
Meter Digits	5.1		Power Unit/Zone	CUMULATIVE		
Meter Type/Owner	NET Meter/KSEB		KWH	50		

Last Billed Rdg. Date		Prev. Rdg. Date	Prev. Meter Rdg. Status		Prst. Rdg. Date	Prst. Meter Rdg. Status	
01-09-2023		01-09-2023	Working		03-10-2023	Working	
Power Unit	Zone	Trading	Initial Reading(IR)	Final Reading(FR)	OMF	Units*	
KWH	Cumulative	Import	8558.00	9962.00	1	1404	
KWH	Cumulative	Export	858.00	968.00	1	110	

Remarks :

Fuel Surcharge[FS] @9 Ps./Unit
(Vide Order dt. 25-01-2023)

Last Paid Amount - Rs.15468.00

Last Payment Date - 05-09-2023

Payable amt.(excluding ACD) as on 2023-10-03 20:56:52:Rs.17538/-

Solar Generation							
Description	Date	Zone	Tr.	IR	FR	MF	Units
Regular	03-10-2023	WAL	I	3479.00	3872.00	1	393
Reading Point							

Bill Details			[INR] Amount(Rs.)
a)	Fixed Charges	Fixed Charge[FC]	4080.00
		Sub Total	4080.00
b)	Energy Charges	Energy Charge[EC]	11969.50
		Fuel Surcharge[FS]	116.46
		Auto Recovery FS[FSM]	129.40
		Sub Total	12215.36
c)	Other Charges	Electricity Duty[ED]	1186.95
		Meter Rent[MR]	35.00
		ED[Self Generation]	4.72
		Sub Total	1236.67
d)	GST	MR-CGST	3.15
		MR-SGST	3.15
		Sub Total	6.30
e)	Round Off		-0.33
e)	Total Amt.(Bill#5588231000567)	(a+b+c+d+e)	17538.00
f)	Surcharge		0.00
g)	Reconnection Fee		0.00
h)	Interim Bills		0.00
i)	Arrears		0.00
j)	Less paid/adj.		-0.00
k)	Less Advance		-0.00
	Net Payable(e+f+g+h+i-j-k)		17538.00

Demand for 10/2023 is Rupees Seventeen Thousand Five Hundred and Thirty Seven Only

KERALA STATE ELECTRICITY BOARD LIMITED **DEMAND CUM DISCONNECTION NOTICE**

(As per Regulation 122 & 123 of Kerala Electricity Supply Code 2014)

Section	[5588]-Electrical Section Kurupampady		Phone#	0484-2523448	Customer Care	1012
Consumer#	1155880016022		Reg. Mob#	860xxxx600	Regular CC Bill	KSEBL GSTIN: 32AAECK2277H021
Name & Mailing Address	For redressing complaints/grievance approach the concerned CGRF					
MANAGING TREESTEE	South: Chairperson, CGRF (South), KSEBL, Vidyuthi Bhavanam, Kottarakkara-691506, Ph: 0474-2451300					
KALKUNNEL MAR GHEEVARGHESE SAHADHAYA TRUST, K	Central: Chairperson, CGRF (Central), KSEBL, 220KV Substation, Kalamassery-683503, Ph: 0484-2556500					
OTTAPADY	North: Chairperson, CGRF (North), KSEBL, Vidyuthi Bhavanam, Gandhi Rd., Kozhikode-673011, Ph: 0495-2367820					
	State Electricity Ombudsman, D.H.Rd & Foreshore Rd Jn., Near Gandhi Square, Ernakulam-682018, Ph: 0484-2346488					
Bill#	5588231100481	Bill Area	M01/2	DTR	VIREPAKKATTUCHIRA	
Billing Period	11/2023[Monthly]	Tariff/Phase	LT-6F/Three	Pole#	KK-213/L-4	
Bill Date	01-11-2023	Due Date	13-11-2023	DC Date	28-11-2023	
Contract Demand	(Nil) VA [75% : 0KV, 130% : 0KV]	Connected Load	23840 Watts	Security Deposit	Rs.30198.00	
Meter#	VTK020220001229257		Average consumption(Monthly)			
Meter Digits	5.1	Power Unit/Zone	CUMULATIVE			
Meter Type/Owner	NET Meter/KSEB		KWH	50		
Last Billed Rdg. Date	Prev. Rdg. Date	Prev. Meter Rdg. Status		Prst. Rdg. Date	Prst. Meter Rdg. Status	
03-10-2023	03-10-2023	Working		01-11-2023	Working	
Power Unit	Zone	Trading	Initial Reading(IR)	Final Reading(FR)	OMF	Units*
KWH	Cumulative	Import	9962.00	11308.00	1	1346
KWH	Cumulative	Export	968.00	1109.00	1	141
Remarks :			Bill Details			
Fuel Surcharge[FS] @9 Ps./Unit (Vide Order dt. 25-01-2023)			[INR] Amount(Rs.)			
Last Paid Amount - Rs.17538.00			a)	Fixed Charges	Fixed Charge[FC]	4080.00
Last Payment Date - 10-10-2023					Sub Total	4080.00
Payable amt.(excluding ACD) as on 2023-11-03 21:27:51:Rs.16618/-			b)	Energy Charges	Energy Charge[EC]	11146.25
					Fuel Surcharge[FS]	108.45
					Auto Recovery FS[FSM]	120.50
					Sub Total	11375.20
			c)	Other Charges	Electricity Duty[ED]	1114.63
					Meter Rent[MR]	35.00
					ED[Self Generation]	6.66
					Sub Total	1156.29
			d)	GST	MR-CGST	3.15
					MR-SGST	3.15
					Sub Total	6.30
			e)	Round Off		0.21
			f)	Total Amt.(Bill#5588231100481)	(a+b+c+d+e)	16618.00
			g)	Surcharge		0.00
			h)	Reconnection Fee		0.00
			i)	Interim Bills		0.00
			j)	Arrears		0.00
			k)	Less paid/adj.		-0.00
			l)	Less Advance		-0.00
				Net Payable(f+g+h+i+j-k-l)		16618.00
Demand for 11/2023 is Rupees Sixteen Thousand Six Hundred and Eighteen Only						

Solar Generation						
Description	Date	Zone	Tr.	IR	FR	MF Units
Regular	01-11-2023	WAL	I	3872.00	4427.00	1 555
Reading Point						

KERALA STATE ELECTRICITY BOARD LIMITED **DEMAND CUM DISCONNECTION NOTICE**

(As per Regulation 122 & 123 of Kerala Electricity Supply Code 2014)

Section	5588]-Electrical Section Kurupampady	Phone#	0484-2523448	Customer Care	1912
Consumer#	1155883016499	Reg. Mob#	974xxxx759	Regular CC Bill	KSEBL OSTIN: 32AAECK2277N921
Name & Mailing Address		For redressing complaints/grievance approach the concerned CGRF			
TRUSTEE KALKUNNEL MAR GHEEVARGHESE SAHADHAYA TRUST, K OTTAPADY, KOTTAPADY P O		South: Chairperson, CGRF (South), KSEBL, Vidyuthi Bhavanam, Kottarakkara-691509, Ph: 0474-2451300 Central: Chairperson, CGRF (Central), KSEBL, 220KV SubStation, Kalamassery-683503, Ph: 0484-2556500 North: Chairperson, CGRF (North), KSEBL, Vidyuthi Bhavanam, Gandhi Rd., Kozhikode-673011, Ph: 0495-2367820 State Electricity Ombudsman, D.H.Rd & Foreshore Rd Jn., Near Gandhi Square, Ernakulam-682016, Ph: 0484-2346488			
Bill#	5588240100702	Bill Area	A01/1	DTR	VIRIPPAKATTUCHIPA
Billing Period	1/2024[Bi-Monthly]	Tariff/Phase	LT-6F/Three	Pole#	KK-213
Bill Date	01-01-2024	Due Date	11-01-2024	DC Date	27-01-2024
Contract Demand	(Nil) VA (75% : 0KV, 130% : 0KV)	Connected Load	3910 Watts	Security Deposit	Rs.7329.00
Meter#	L&T5588M0010481862	Average consumption(Monthly)			
Meter Digits	6.2	Power Unit/Zone	CUMULATIVE		
Meter Type/Owner	Static/KSEB	KWH	204		
Last Billed Rdg. Date	Prev. Rdg. Date	Prev. Meter Rdg. Status	Prst. Rdg. Date	Prst. Meter Rdg. Status	
01-11-2023	01-11-2023	Working	01-01-2024	Working	
Power Unit	Zone	Trading	Initial Reading(IR)	Final Reading(FR)	OMF
KWH	Cumulative	Import	28104.00	28536.00	1
Remarks :			Units*		
Last Paid Amount - Rs.4425.00 Last Payment Date - 16-11-2023 Payable amt.(excluding ACD) as on 2024-01-01 20:29:23:Rs.5126/-			Bill Details		[INR] Amount(Rs.)
			a) Fixed Charges	Fixed Charge[FC]	1440.00
				Sub Total	1440.00
			b) Energy Charges	Energy Charge[EC]	3240.00
				Fuel Surcharge[FS]	38.88
				Auto Recovery FS[FSM]	43.20
				Sub Total	3322.08
			c) Other Charges	Electricity Duty[ED]	324.00
				Meter Rent[MR]	30.00
				Sub Total	354.00
			d) GST	MR-CGST	2.70
				MR-SGST	2.70
				Sub Total	5.40
			e) Round Off		-0.48
			e) Total Amt.(Bill#5588240100702)	(a+b+c+d+e)	5121.00
			f) Surcharge		5.00
			g) Reconnection Fee		0.00
			h) Interim Bills		0.00
			i) Arrears		0.00
			j) Less paid/adj.		-0.00
k) Less Advance		-0.00			
	Net Payable(a+f+g+h+i-j-k)	5126.00			

Demand for 1/2024 is Rupees Five Thousand One Hundred and Twenty One Only

E&OE Payment Options: Cash, Cheque, DD, MO. Online: www.kseb.in (Debit/Credit Cards, Net Banking). Other Platforms: BBPS, Friends, Akshaya, CSC, NACH

Senior Superintendent

KERALA STATE ELECTRICITY BOARD LIMITED **DEMAND CUM DISCONNECTION NOTICE**

(As per Regulation 122 & 123 of Kerala Electricity Supply Code 2014)

Section	5588]-Electrical Section Kurupampady		Phone#	0484-2523448	Customer Care	1912
Consumer#	1155880016022		Reg. Mob#	860xxxx600	Regular CC Bill	KSEBL GSTIN: 32AAECK2277NB21
Name & Mailing Address			For redressing complaints/grievance approach the concerned CGRE			
MANAGING TRUSTEE			South: Chairperson, CGRE (South), KSEBL, Vidyuthi Bhavanam, Kottarakkara-691506, Ph: 0474-2451300			
KALKUNNEL MAR GHEEVARGHESE SAHADHAYA TRUST, K			Central: Chairperson, CGRE (Central), KSEBL, 220KV SubStation, Kalamassery-683503, Ph: 0484-2556500			
OTTAPADY			North: Chairperson, CGRE (North), KSEBL, Vidyuthi Bhavanam, Gandhi Rd., Kozhikode-673011, Ph: 0495-2367820			
			State Electricity Ombudsman, D.H Rd & Foreshore Rd Jn., Near Gandhi Square, Ernakulam-682016, Ph: 0484-2346408			
Bill#	5588240200584		Bill Area	M01/2	DTR	VIRIPPAKATTUCHIRA
Billing Period	2/2024[Monthly]		Tariff/Phase	LT-6F/Three	Pole#	KK-213/L-4
Bill Date	01-02-2024		Due Date	12-02-2024	DC Date	27-02-2024
Contract Demand	(Nil) VA [75% : 0KV, 130% : 0KV]		Connected Load	23840 Watts	Security Deposit	Rs.30198.00
Meter#	VTK02020001229257		Average consumption(Monthly)			
Meter Digits	S.1		Power Unit/Zone	CUMULATIVE		
Meter Type/Owner	NET Meter/KSEB		KWH	50		
Last Billed Rdg. Date	Prev. Rdg. Date	Prev. Meter Rdg. Status		Prst. Rdg. Date	Prst. Meter Rdg. Status	
01-01-2024	01-01-2024	Working		01-02-2024	Working	
Power Unit	Zone	Trading	Initial Reading(IR)	Final Reading(FR)	OMF	Units*
KWH	Cumulative	Import	13931.00	15408.00	1	1477
KWH	Cumulative	Export	1436.00	1616.00	1	180

Remarks:

Last Paid Amount - Rs.12970.00

Last Payment Date - 09-01-2024

Payable amt.(excluding ACD) as on 2024-02-05 20:55:18:Rs.17813/-

Solar Generation							
Description	Date	Zone	Tr.	IR	FR	MF	Units
Regular	01-02-2024	WAL		5476.00	6159.00	1	683
Reading Point							

Bill Details			[INR] Amount(Rs.)
a)	Fixed Charges	Fixed Charge[FC]	4320.00
		Sub Total	4320.00
b)	Energy Charges	Energy Charge[EC]	11997.25
		Fuel Surcharge[FS]	116.73
		Auto Recovery FS[FSM]	129.70
		Sub Total	12243.68
c)	Other Charges	Electricity Duty[ED]	1199.73
		Meter Rent[MR]	35.00
		ED[Self Generation]	8.20
		Sub Total	1242.93
d)	GST	MR-CGST	3.15
		MR-SGST	3.15
		Sub Total	6.30
e)	Round Off		0.09
f)	Total Amt.(Bill#5588240200584)	(a+b+c+d+e)	17813.00
g)	Surcharge		0.00
h)	Reconnection Fee		0.00
i)	Interim Bills		0.00
j)	Arrears		0.00
k)	Less paid/adj.		-0.00
l)	Less Advance		-0.00
	Net Payable(f+g+h+i+j-k-l)		17813.00

Demand for 2/2024 is Rupees Seventeen Thousand Eight Hundred and Thirteen Only
 17813.00 ONLY (INR)

KERALA STATE ELECTRICITY BOARD LIMITED **DEMAND CUM DISCONNECTION NOTICE**

(As per Regulation 122 & 123 of Kerala Electricity Supply Code 2014)

Section	[5588]-Electrical Section Kurupampady		Phone#	0484-2523448		Customer Care	1912																																
Consumer#	1155880016022		Reg. Mob#	860xxxx600		Regular CC Bill	KSEBL GSTIN: 32AAECK2277NBZ1																																
Name & Mailing Address			For redressing complaints/grievance approach the concerned CGRE																																				
MANAGING TRUSTEE KALKUNNEL MAR GHEEVARGHESE SAHADHAYA TRUST, K OTTAPADY			South: Chairperson, CGRE (South), KSEBL, Vidyuthi Bhavanam, Kottarakkara-691505, Ph: 0474-2451300 Central: Chairperson, CGRE (Central), KSEBL, 720KV Sub Station, Kalamassery-683503, Ph: 0484-2556500 North: Chairperson, CGRE (North), KSEBL, Vidyuthi Bhavanam, Gandhi Rd., Kozhikode-673011, Ph: 0495-2367820 State Electricity Ombudsman, D.H.Rd & Foreshore Rd Jn., Near Gandhi Square, Emakulam-682016, Ph: 0484-2346488																																				
Bill#	5588240300013		Bill Area	M01/2	DTR	VERIPPAKATTUCHIRA																																	
Billing Period	3/2024[Monthly]		Tariff/Phase	LT-6F/Three	Pole#	KK-213/L-4																																	
Bill Date	01-03-2024		Due Date	11-03-2024	DC Date	30-03-2024																																	
Contract Demand	(Nil) VA (75% : 0KV, 130% : 0KV)		Connected Load	23840 Watts	Security Deposit	Rs.30198.00																																	
Meter#	VTK020220001229257		Average consumption(Monthly)																																				
Meter Digits	5.1		Power Unit/Zone	CUMULATIVE																																			
Meter Type/Owner	NET Meter/KSEB		KWH	50																																			
Last Billed Rdg. Date	Prev. Rdg. Date	Prev. Meter Rdg. Status		Prst. Rdg. Date	Prst. Meter Rdg. Status																																		
01-02-2024	01-02-2024	Working		01-03-2024	Working																																		
Power Unit	Zone	Trading	Initial Reading(IR)	Final Reading(FR)	OMF	Units*																																	
KWH	Cumulative	Import	15408.00	17014.00	1	1606																																	
KWH	Cumulative	Export	1616.00	1728.00	1	112																																	
Remarks :			Bill Details																																				
Last Paid Amount - Rs.17813.00 Last Payment Date - 12-02-2024 Payable amt.(excluding ACD) as on 2024-03-04 21:15:26:Rs.19853/- <table border="1"> <thead> <tr> <th colspan="8">Solar Generation</th> </tr> <tr> <th>Description</th> <th>Date</th> <th>Zone</th> <th>Tr.</th> <th>IR</th> <th>FR</th> <th>MF</th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>Regular</td> <td>01-03-2024</td> <td>WAL</td> <td>I</td> <td>6159.00</td> <td>6724.00</td> <td>1</td> <td>565</td> </tr> <tr> <td>Roading Point</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			Solar Generation								Description	Date	Zone	Tr.	IR	FR	MF	Units	Regular	01-03-2024	WAL	I	6159.00	6724.00	1	565	Roading Point								a)	Fixed Charges	Fixed Charge[FC]	4320.00	
			Solar Generation																																				
			Description	Date	Zone	Tr.	IR	FR	MF	Units																													
			Regular	01-03-2024	WAL	I	6159.00	6724.00	1	565																													
			Roading Point																																				
					Sub Total	4320.00																																	
			b)	Energy Charges	Energy Charge[EC]	13819.50																																	
					Fuel Surcharge[FS]	134.46																																	
					Auto Recovery FS[FSM]	149.40																																	
					Sub Total	14103.36																																	
			c)	Other Charges	Electricity Duty[ED]	1381.95																																	
					Meter Rent[MR]	35.00																																	
					ED[Self Generation]	6.78																																	
					Sub Total	1423.73																																	
			d)	GST	MR-CGST	3.15																																	
					MR-SGST	3.15																																	
					Sub Total	6.30																																	
			e)	Round Off		-0.39																																	
			e)	Total Amt.(Bill#5588240300013)	(a+b+c+d+e)	19853.00																																	
			f)	Surcharge		0.00																																	
g)	Reconnection Fee		0.00																																				
h)	Interim Bills		0.00																																				
i)	Arrears		0.00																																				
j)	Less paid/adj.		-0.00																																				
k)	Less Advance		-0.00																																				
	Net Payable(e+f+g+h+i-j-k)		19853.00																																				

Demand for 3/2024 is Rupees Nineteen Thousand Eight Hundred and Fifty Three Only

KERALA STATE ELECTRICITY BOARD LIMITED **DEMAND CUM DISCONNECTION NOTICE**

(As per Regulation 122 & 123 of Kerala Electricity Supply Code 2014)

Section	[5588]-Electrical Section Kurupampady		Phone#	0484-2523448		Customer Care	1912																																
Consumer#	1155880016022		Reg. Mob#	860xxxx600		Regular CC Bill	KSEBL GSTIN: 32AAECK2277NBZ1																																
Name & Mailing Address#			For redressing complaints/grievance approach the concerned CGRF																																				
MANAGING TRESTEE KALKUNNEL MAR GHEEVARGHESE SAHADHAYA TRUST, K OTTAPADY			South: Chairperson, CGRF (South), KSEBL, Vidyuthi Bhavanam, Kottarakkara-691506, Ph: 0474-2451300 Central: Chairperson, CGRF (Central), KSEBL, 220KV SubStation, Kalamassery-683503, Ph: 0484-2556500 North: Chairperson, CGRF (North), KSEBL, Vidyuthi Bhavanam, Gandhi Rd., Kozhikode-673011, Ph: 0495-2367820 State Electricity Ombudsman, D.H.Rd & Foreshore Rd Jn., Near Gandhi Square, Emakulam-682016, Ph: 0484-2346488																																				
Bill#	5588240400013		Bill Area	M01/2	DTR	VERIPAKKATTUCHIRA																																	
Billing Period	4/2024 [Monthly]		Tariff/Phase	LT-6F/Three	Pole#	KK-213/L-4																																	
Bill Date	01-04-2024		Due Date	11-04-2024	DC Date	27-04-2024																																	
Contract Demand	(Nil) VA [75% : 0KV, 130% : 0KV]		Connected Load	23840 Watts	Security Deposit	Rs.30198.00																																	
Meter#	VTK020220001229257		Average consumption (Monthly)																																				
Meter Digits	5.1		Power Unit/Zone	CUMULATIVE																																			
Meter Type/Owner	NET Meter/KSEB		KWH	541																																			
Last Billed Rdg. Date	Prev. Rdg. Date	Prev. Meter Rdg. Status			Prst. Rdg. Date	Prst. Meter Rdg. Status																																	
01-03-2024	01-03-2024	Working			01-04-2024	Working																																	
Power Unit	Zone	Trading	Initial Reading (IR)	Final Reading (FR)	OMF	Units*																																	
KWH	Cumulative	Import	17014.00	18460.00	1	1446																																	
KWH	Cumulative	Export	1728.00	1957.00	1	229																																	
Remarks :			Bill Details																																				
Last Paid Amount - Rs.19853.00 Last Payment Date - 07-03-2024 Payable amt.(excluding ACD) as on 2024-04-03 20:51:26:Rs.16983/- <table border="1"> <tr> <th colspan="8">Solar Generation</th> </tr> <tr> <th>Description</th> <th>Date</th> <th>Zone</th> <th>Tr.</th> <th>IR</th> <th>FR</th> <th>MF</th> <th>Units</th> </tr> <tr> <td>Regular</td> <td>01-04-2024</td> <td>WAL</td> <td>I</td> <td>6724.00</td> <td>7358.00</td> <td>1</td> <td>634</td> </tr> <tr> <td>Reading Point</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>			Solar Generation								Description	Date	Zone	Tr.	IR	FR	MF	Units	Regular	01-04-2024	WAL	I	6724.00	7358.00	1	634	Reading Point								a) Fixed Charges		Fixed Charge[FC]	4320.00	
			Solar Generation																																				
			Description	Date	Zone	Tr.	IR	FR	MF	Units																													
			Regular	01-04-2024	WAL	I	6724.00	7358.00	1	634																													
			Reading Point																																				
					Sub Total	4320.00																																	
			b) Energy Charges		Energy Charge[EC]	11257.25																																	
					Fuel Surcharge[FS]	109.53																																	
					Auto Recovery FS[FSM]	121.70																																	
					Sub Total	11488.48																																	
			c) Other Charges		Electricity Duty[ED]	1125.73																																	
					Meter Rent[MR]	35.00																																	
					ED[Self Generation]	7.61																																	
					Sub Total	1168.34																																	
			d) GST		MR-CGST	3.15																																	
		MR-SGST	3.15																																				
		Sub Total	6.30																																				
e) Round Off			-0.12																																				
e) Total Amt.(Bill#5588240400013)		(a+b+c+d+e)		16983.00																																			
f) Surcharge				0.00																																			
g) Reconnection Fee				0.00																																			
h) Interim Bills				0.00																																			
i) Arrears				0.00																																			
j) Less paid/adj.				-0.00																																			
k) Less Advance				-0.00																																			
Net Payable(a+f+g+h+i-j-k)				16983.00																																			

Demand for 4/2024 is Rupees Sixteen Thousand Nine Hundred and Eighty Three Only

KERALA STATE ELECTRICITY BOARD LIMITED **DEMAND CUM DISCONNECTION NOTICE**

(As per Regulation 122 & 123 of Kerala Electricity Supply Code 2014)

Section	5588]-Electrical Section Kurupampady		Phone#	0484-2523448		Customer Care	1912	
Consumer#	1155880016022		Reg. Mch#	860xxxx609		Regular CG Bill	KSEB GSTN: 32AARCG2277TMCZ1	
Name & Mailing Address			For redressing complaints/grievance approach the concerned CGPF					
MANEOING TRESTEE			South: Chairperson, CGPF (South), KSEB Ltd, Vidyut Bhavanam, Kottarakkara 401506, Ph: 94474-2965229					
KAI KUNNEL MAR GHEEVARGHESE SAHADHAYA TRUST, K			Central: Chairperson, CGPF (Central), KSEB Ltd, Power House Building Ernakulam 482018, Ph: 94474-2964288					
OTTAPADY			North: Chairperson, CGPF (North), KSEB Ltd, Gandhi Road, Kozhikode-32, Ph: 94495-2367829					
			State Electricity Ombudsman, Panikkaril Building, Marangalam, Edappally, Kochi-402024 Ph: 94474-2344438					
Bill#	5588230500441		Bill Area	M01/2		DTR	VSEB-PAYATTUCKPA	
Billing Period	5/2023(Monthly)		Tariff/Phase	LT-6F/Three		Pole#	XX-213/L-4	
Bill Date	02-05-2023		Due Date	12-05-2023		DC Date	27-05-2023	
Contract Demand	(Nil) VA (75% : 0KV, 130% : 0KV)		Connected Load	23840 Watts		Security Deposit	Rs.30198.00	
Meter#	VTK020220001229257		Average consumption(Monthly)					
Meter Digits	5.1		Power Unit/Zone	CUMULATIVE				
Meter Type/Owner	NET Meter/KSEB		KWH	50				
Last Billed Rdg. Date	Prev. Rdg. Date		Prev. Meter Rdg. Status		Prst. Rdg. Date		Prst. Meter Rdg. Status	
01-04-2023	01-04-2023		Working		02-05-2023		Working	
Power Unit	Zone	Trading	Initial Reading(IR)	Final Reading(FR)	OMF	Units*		
KWH	Cumulative	Import	2331.00	3383.00	1	1052		
KWH	Cumulative	Export	200.00	383.00	1	183		
Remarks :			Bill Details			[INR] Amount(Rs.)		
Last Paid Amount - Rs.19527.00			a) Fixed Charges			Fixed Charge[FC]		
Last Payment Date - 10-04-2023						Sub Total		
Solar Generation			b) Energy Charges			Energy Charge[EC]		
Description	Date	Zone	Tr.	IR	FR	MF	Units	
Regular	02-05-2023	WAL	I	963.00	1570.00	I	607	
Reading Point								
						Fuel Surcharge[FS]		
						Sub Total		
			c) Other Charges			Electricity Duty[ED]		
						Meter Rent[MR]		
						ED(Self Generation)		
						Sub Total		
			d) GST			MR-CGST		
						MR-SGST		
						Sub Total		
			e) Round Off					
			f) Total Amt.(Bill#5588230500441)			(a+b+c+d+e)		
			g) Surcharge					
			h) Reconnection Fee					
			i) Interim Bills					
			j) Arrears					
			k) Less paid/adj.					
			l) Less Advance					
			Net Payable(f+g+h+i+j-k-l)			11720.00		

Payment Options: Cash, Cheque, DD, MO, Online: www.kseb.in (Debit/Credit Cards, Net Banking). Other Platforms: BBPS, Friends, Akshaya, CSC, NACH

Annexure V

List of Devices that Work on Power

Administrative Block	FIRST	104	BSc -II	2	2	
Administrative Block	FIRST	105	BSc -I	2	2	
Administrative Block	FIRST	----	Girl's Toilet	---	1	
Administrative Block	FIRST	B 12	Exam Control Room University & Internal	2	2	System-1
Administrative Block	SECOND		Boy's Toilet		1	
Administrative Block	SECOND	Additional 1	BCA-I	4	7	
Administrative Block	SECOND	OB 03	Counselling Room	1	1	
Administrative Block	SECOND		Girl's Toilet		1	
Administrative Block	SECOND		Boy's Toilet		1	
Administrative Block	SECOND	OB 20	Department of Language	2	3	System-1 Printer-1 Intercom-1
Administrative Block	SECOND	Additional 2	Quarantine Room	1	2	
Administrative Block	SECOND	201	BSc-III	2	2	ICT
Administrative Block	SECOND	202	B.A-I	3	2	
Administrative Block	SECOND	203	BA-III	3	2	ICT
Administrative Block	SECOND	204	BA-II	3	2	
Administrative Block	SECOND	205	Boy's waiting/sick Room	2	3	
Administrative Block	SECOND	206	Quarantine Room	2	3	

Mar Ignatius Block

4.1.3 ICT enabled classrooms and seminar halls						
Ignasious block	Ground Floor	Room NO:	Purpose	No: of Fans	No: of Lamps	Remarks/any other facility
		401	Auditorium including Stage	11	11	CC Cam-2, Speaker-5, Sound System-1
		402				
		403				
		404	StaffRoom BBA	2	3	System1, Printer -1, Intercom
		405	1st BBA	3	4	CC Cam with Speaker
		406	2nd BBA	3	4	"
		407	3rd BBA	3	3	ICT Enabled,"
			Varantha	-	5	2 Cam
	1st Floor	408	Bcom	3	3	CC CAM, Speaker-1
		409	Bcom	3	3	"
		410	BCOM	3	3	ICT CAM, Speaker
		412	DEPT OF COMMERCE	4	4	System1, Printer -1, Intercom
		413	BCOM	3	3	CC CAM, Speaker-1
		414	BCOM	3	3	CC CAM, Speaker-1
			Varantha	-	5	Cam-2
	2nd floor	415	BSW	2	4	ICT CAM, Speaker
		416	BSW	3	3	CC CAM, Speaker-1
		417	BSW	3	3	ICT CAM, Speaker
		418	Dept of Social Work	2	3	System1, Printer -1, Intercom
		419	Bcom TT	3	4	CC CAM, Speaker-1
			Seminar Hall	4	5	ICT, 2 Speaker
		420	Bcom Com	3	4	CC CAM, Speaker-1
		421	Bcom Tax	3	4	CC CAM, Speaker-1
			Varantha	-	8	2cam

Block	Floor	Room No.	Purpose	No. Fans	No. Lamps	Any Other Facility
Administrative Block	GROUND	OB 01	Administrative office-1	6	4	Mobile-1 System-3 Printer-3 Intercom-1
Administrative Block	GROUND	OB 02	Reception and enquiry			
Administrative Block	GROUND	OB 03	Administrative office-2			
Administrative Block	GROUND	OB 04	Manager's office	3	2	Intercom-1
Administrative Block	GROUND	OB 05	Library	4	7	System -5 Printer-2 Intercom
Administrative Block	GROUND	OB 06	Computer lab-I			System -39
Administrative Block	GROUND	OB 07	Computer lab-II			System -14
Administrative Block	GROUND	OB 210	Girls Toilet	—	5	
Administrative Block	GROUND	OB 1	House Keeping	1	1	Gas connection
Mar Athanasius Block	GROUND	CB03	MSW I			ICT
Mar Athanasius Block	GROUND		Canteen	4	4	
Administrative Block	FIRST	101	Girl's waiting Room	1	2	
Administrative Block	FIRST	OB 110	Online Exam Control Room Server Room	2	2	System Printer Photocopier-3
Administrative Block	FIRST	OB 10	Department of Computer	4	4	System-1 Printer-1 Intercom
Administrative Block	FIRST	102	BCA-III	2	2	ICT
Administrative Block	FIRST	103	BCA-II	2	2	

Annexure VI – AMC for the Solar Panel



DATE: 4 April 2022

AMC Agreement of Installed Solar Power Plant for 2022-2023

This Agreement is made on this 4th of April 2022 at Kottapady between **The Manager, Mar Elias College, Kottapady, Ernakulam Dist.**

And BETWEEN

M/s. **4 Quadrant Energy Innovation.**

Reg. Office 383N, First Floor, Pottakkal Building, P.O Junction Mudakuzha, PIN: 683546. Here referred as COMPANY/CONTRACTOR as second party, of the agreement.



AMC CONDITIONS AND APPLICABLE WARRANTIES

- 1) Periodic system electrical checks including solar panel cleaning twice in an year.
- 2) Solar PV Module– 10 Years Manufacturer Warranty (on 90% of the nominal performance), 25 Years performance Warranty (on 85% of the nominal performance) .
Figures as per corresponding datasheet.
- 3) Grid Tied Inverter (Sofar) – 7 years Manufacturer warranty.
- 4) Installation : 5 year's warranty from the date of commissioning .

Annexure VIII

List of Environmentally Relevant programs and other programs that were conducted under various clubs and programs

ACTIVITIES THAT ADDRESS ENVIRONMENTAL/SOCIAL ISSUES

- 26/09/2023 -Parydan- Field visit to Vagamon by Department of Tourism
- 27/09/2023- Clean drive at Bhoothathankettu by Department of Tourism
- 08/10/2023 -14/10/2023 – Rural camp,Vattavada by Social Work Association
- 19/10/2023 –Bhoomika-Clean Nelliampathy,plastic eradication programme by Social Work Association
- 15/10/2023-20/10/2023 – INICIO-Rural Camp at Nenmara by Social Work Association
- 18/01/2024-Sneharamami- cleaning programme conducted by NSS unit.