

# KERALA STATE ELECTRICITY BOARD LTD



Office of the Assistant Engineer  
Electrical Section, Chemperi  
Ph: 04602 213 600

e mail: [www.aeeschemperi@gmail.com](mailto:www.aeeschemperi@gmail.com)

## CERTIFICATE OF CONNECTIVITY

Certified that a Grid interactive Solar Plant of 50 kW capacity has been tested and connected to the KSEBL's High Tension grid on 30.03.2017

Consumer No : 29/4341(1367210001727)  
(13 digit)  
Name : THE CHAIRMAN  
Address : VIMAL JYOTHI INSTITUTION  
JYOTHI NAGAR, CHEMPERI

Electrical Section : Chemperi  
Electrical Division : Iritty

*This Certificate is issued for presenting before ANERT (Agency for Non conventional Energy and Rural Technology), Thiruvananthapuram.*

Station : Chemperi  
Date : 30-3-17

  
ASST. ENGINEER  
ELECTRICAL SECTION  
CHEMPERI



Office Seal

REC/LTR/2020-21/24

21<sup>st</sup> Dec 2020**ENERGY CERTIFICATION**

This is to certify that the Rocky Engineering Company is the official electrical consultant for the MESHAR Diocesan Educational Trust and Vimal Jyothi Institute of Management & Research (VJIM), Jyothi Nagar, Chemperi P O, Kannur, 670 532.

This is to certify that VJIM campus

1. Presently meets 100% of its annual power requirement from renewable energy sources.
2. The existing 50 KWP Solar Power Plant produced 58300 KWh in the last year (2019-20).
3. The total power requirement of the institution is 4700KWh only.
4. The Institution is presently using 50% of its annual lighting power requirement is through LED bulbs.
5. Its annual lighting power requirement met through LED bulbs is 2190 KWh
6. Its annual lighting power requirement is 4380 KWh.
7. The Institution currently using 30 Nos of LED 18w Tube lights and 12 Nos of 9W LED bulbs and recommends to increase it further .

For Rocky Engineering Co



Proprietor

# MESHAR DIOCESAN EDUCATIONAL TRUST, THALASSERY

(REG.NO.193/IV/2001)

TEL : 0490 2344766, 2341058  
FAX : 0091-490-2341412  
E-mail : meshar@eth.net

ARCHBISHOP'S HOUSE  
P.B. NO. 70, THALASSERY  
KANNUR - 670101, KERALA, INDIA

Date ...17/02/2011.....

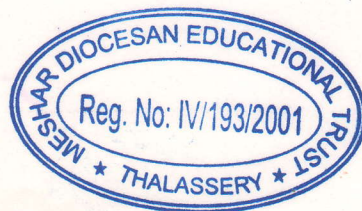
## Extract of Resolution of the Trust


That the MESHAR DIOCESAN EDUCATIONAL TRUST vide its Executive Meeting held on 15.02.2011 at Thalassery vide Resolution No. 3 have resolved to share the following common facilities between **Vimal Jyothi Engineering College Chemperi** and **Vimal Jyothi Institute of Management & Research Chemperi**.

- i. Campus Maintenance and Beautification
- ii. Water Supply and its Centralized Controls
- iii. Infrastructure Planning and Maintenance of Waste Management
- iv. Power Supply Systems and its Management
- v. Data Supply Controls and Servers
- vi. Digital Library and Associated Services
- vii. Accounting Systems in Campus Banking and Associated Services
- viii. Transportation Facility and Management
- ix. Canteen/Mess Facility and its Management
- x. Accommodation Facilities
- xi. Playground, Gymnasium and other Facilities

Meshar Diocesan Educational Trust shall also allocate required funds for the above mentioned facilities from time to time.

Msgr. Mathew M Chalil  
Chairman



  
CHAIRMAN  
MESHAR DIOCESAN EDUCATIONAL TRUST  
THALASSERY



Government of Kerala  
 Department of Electrical Inspectorate  
 Office of the Electrical Inspector  
 3<sup>rd</sup> Floor, Unity Complex, S.N Park Road, Kannur - 670001  
 Phone: 0497 2700882, Email : eiknr@ceikerala.gov.in



An IS 15700 : 2005 Certified Department

PROCEEDINGS OF THE ELECTRICAL INSPECTOR, KANNUR  
 (Present: Radhakrishnan.B)

Subject: Additional/Alteration of MV Installation, Addition of one number 250kVA DG set , 50kWp On grid Solar System and connected electrics at the premises of M/s Vimal Jyothi Engineering College, Chemperi, Kannur - Sanction for energisation - Regarding

- Read
1. Scheme Approval No. B2- 6793/2014/EIN dated 12.12.2014, B2-6048/2015/EIN dated 28.03.2016 and B2-4252/2016/EIN dated 20.09.2016.
  2. Completion report forward by M/s Rockey Engineering Co., (CA 352), First Floor, Matha Tower, Thamarasery, Kozhikode under cover of letter nil number dated 21.07.2016 received 04.08.2016.
  3. Inspection conducted from this office on 24.09.2016 and 18.10.2016.
  4. Defect report communicated on 30.09.2016 and 28.10.2016.
  5. Compliance report forward by M/s Rockey Engineering Co, (CA 352), First Floor, Matha Tower, Thamarasery, Kozhikode under cover of letter No: REC/LTR/VJEC/39/2016 received on 15.10.2016 and letter No: REC/LTR/VJEC/44/2016-17 dated 15.11.2016 received on 17.11.2016

Order No: - B2-4252/2016/EIN dated 05.12.2016

Sanction for energisation is hereby accorded under Section 54 of The Electricity Act 2003, Regulation 32 and Regulation 43(7) of Central Electricity Authority (Measures Relating to Safety and Electric Supply) Regulations, 2010 for the energisation of the following electrical installations covered in the completion report cited (2) and installed at the premises of M/s Vimal Jyothi Engineering College, Chemperi, Kannur subject to the conditions mentioned there under.

Conditions:

1. Any addition/alteration to the existing installation should not be carried out without prior sanction from this office.
2. Any defects that may be pointed out during or subsequent inspection of the installation will have to be rectified to the satisfaction of the Electrical Inspector.
3. Periodical inspection fee should be remitted periodically on demand from this office.
4. Lockable isolation for the solar unit shall be provided for the supplier.
5. Permission from KSEB shall be obtained for connecting the solar unit to the grid supply.
6. Any defect that may be pointed out during subsequent inspection of the installation shall be rectified by the owner.
7. Date of energisation should be intimated to this office.
8. Only authorised persons shall be in charge of the operation and maintenance of the installation.

Equipment Details

Item	Specification	Make	SI No
Solar Grid Inverter-1	30kVA	Delta	01Y15C02477WK
Solar Grid Inverter-2	20kVA	Delta	1416200561
PV Module	250Wp	Tata Power Solar System Ltd	200Nos
DG set 3			
Alternator	250KVA, 415V, 347.8A	Kirloskar Koel Green	GS3L1 160 203549
Engine	220KW/310HP	Kirloskar	GSL 1500TA G3

Switch and Load Details

Capacitor Panel(Addition)				
Incomer	TPN Isolator	250	A	1
Outgoing	MCB	100	A	6
	MCB	40	A	2
SSB -5C(Addition)				
Incomer	TPN Isolator	125	A	1
Outgoing	MCB	25	A	1
	MCB	32	A	4

	MCB	40	A	2
	MCB	63	A	2
	TPN Isolator	63	A	1
<b>VTPN DB-5C-GF(Addition)</b>				
Incomer	Isolator	63	A	1No
Outgoing	MCB	32	A	9Nos
	MCB	40	A	1 No
	MCB	16	A	2Nos
<b>Lift Panel(Addition)</b>				
Incomer	Isolator	63	A	1 No
Outgoing	MCB	32	A	1 No
	MCB	25	A	1 No
<b>Lightning Protection</b>				
<b>VTPN DB-5C-4F(Addition)</b>				
Incomer	Isolator	63	A	1 No
Outgoing	MCB	40	A	2 Nos
	MCB	32	A	4 Nos
	MCB	20	A	1 No
	MCB	16	A	1 No
<b>ACDB</b>				
Incomer	MCB	40	A	1 No
	MCB	63	A	1 No
Outgoing	MCCB	100	A	1 No
<b>STP</b>				
Incomer	Isolator	63	A	1 No
Outgoing	MCB	6	A	10 Nos
	MCB	10	A	3 Nos
<b>Connected load(Addition)</b>				
		49.8	KW	
	Motor	22.5	HP	
		25	KVA	
	Fire Pump	5.5	HP	
	UPS	20	kVA	1 No
	Capacitor	100	KVAR	

Existing Load on MSB : 703.831KW+232.58HP+202.2KVA+25.4KVAR+ 5HP (Fire Pump)  
Additional Load : 49.8KW+22.5HP+25KVA+100KVA+5.5HP (Fire Pump)  
Present Total Load : 753.631KW+255.08HP+227.2KVA+125.4KVAR+ 10.5HP (Fire Pump)

Sd/-  
Electrical Inspector

SFE Register SI No: 135/2016-17  
Acc: As fitted Drawings: 17Nos. (154/01/17/2016-17 to 154/17/17/2016-17)  
To

✓ The Administrator & Bursar,  
M/s Vimal Jyothi Engineering College, Chemperi, 670632.

Copy to

1. M/s Rockey Engineering Co, (CA 352), First Floor, Matha Tower, Thamarasery, Kozhikode, 673573.
2. The Assistant Engineer, Electrical Section, KSEB Ltd, Chemperi.
3. Stock File. 4. Spare.



Forwarded by Order  
  
Deputy Electrical Inspector



# KERALA STATE ELECTRICITY BOARD Ltd.

(Incorporated under the Indian Companies Act, 1956)

Reg. Office: Vidyuthi Bhavanam, Pattom, Thiruvananthapuram-695 004, Kerala.

Website: [www.kseb.in](http://www.kseb.in). CIN:U40100KL2011SGC027424

Office of the Deputy Chief Engineer  
Electrical Circle, Sreekandapuram

Phone (O) 0460 2233233 (CUG) +91 9496011074

E-mail [dyceskpm@gmail.com](mailto:dyceskpm@gmail.com)

No DCE/SKM/TS3/ Vimal Jyothi /2016-17/ 2024 /22.03.2017

To

M/S Vimal Jyothi Engineering College,  
Chemperi,

Sir,


Sub:- HT service connection to M/s Vimal Jyothi Engineering College,  
Chemperi under Electrical Section, Chemperi- Agreement acceptance-  
reg.

Ref: - (1) Letter No DB10 /HT/CHY/SOLAR/ 16-17/287 dtd 18.03.2017 of  
Assistant Executive Engineer, Electrical Sub Division, Sreekandapuram.

(2) Your application dated 06.05.2016.

The agreement executed by you for connecting 50KW solar energy  
system to the distribution system , under Electrical Section Chemperi , a  
contract demand of 250 KVA is hereby accepted as HT agreement No. 15 /  
2016-17 dated 22/03/2017 in this office.

Yours faithfully,

  
Deputy Chief Engineer

Acc:- Copy of accepted agreement - 1Set

Copy to.1) The Special Officer (Revenue), K S E Board Limited, Thiruvananthapuram.

2) The Executive Engineer, Electrical Division, Payyannur.

3) The Executive Engineer, TMR Division, Kannur

4) The Assistant Executive Engineer, Electrical Sub Division,  
Sreekandapuram.

5) The Assistant Engineer, Electrical Section, Chemperi.

# KERALA STATE ELECTRICITY BOARD LIMITED

Office of the Special Officer(Revenue), Pattom, Thiruvananthapuram

## DEMAND NOTICE for AUGUST 2018

(As per CHAPTER VII OF KERALA ELECTRICITY SUPPLY CODE -2014)



Con. Code	1367210001727	Bill Date	06-Aug-2018	Due Date	13-Aug-2018	Bill.No.	2102811646689 Ver : 0
Tariff	HT II (B) GENERAL	Last Date	28-Aug-2018	CD(cash)	784450	BG	0

<b>VIMAL JYOTHI ENGINEERING COLLEGE</b>  CHEMPERI, KANNUR.,670632 email id--vjecmail@gmail.com Mobile no--9447547673	*KSEB WISHES ALL ITS CONSUMERS A VERY HAPPY AND PROSPEROUS ONAM* Virtual Account No:- KSEB29C4341 Consumer GSTIN_ID-/KSEB (L)GST ID=32AAECK2277NBZ1
<b>LCN :29/4341</b>	

Arrears as on 30-Jun-2018				Date of Previous Reading	30-Jun-2018			
Disputed	0			Date of Present Reading	31-Jul-2018			
Contract Demand(kVA)	75% of CD (KVA)	130% of CD (KVA)	Connected Load (KW)	Average			Billing Type	DPS
250.0	187.5	325.0	1042.83	MD (kVA)	Consumption (kWh)	PF	Section	Chemperi
				116.66	30854	0.91	Circle	Sreekandapuram

Reading Details of meter 29-4341 net meter -Working (KVA,KWh,KVAh & KVArh) for 07-2018										
1. Energy Consumption(KWh)					3. Energy Consumption(KVArh)					
Zone	FR	IR	MF	Units	Zone	FR	IR	MF	Units	
1	90022	85983	3.00	12117	1	71812	68712	3.00	9300	
2	28387	27144	3.00	3729	2	663	630	3.00	100	
3	52450	50270	3.00	6540	3	0	0	3.00	0	
				Total					Total	9400
				22386						
2. Energy Consumption(KVAh)					4. Demand (KVA)					
Zone	FR	IR	MF	Units		Readings	MF	Units		
1	100861	96468	3.00	13179	1		37.6	3.00		
2	30103	28763	3.00	4020	2		23.54	3.00		
3	57992	55494	3.00	7494	3		22.8	3.00		
				Total						
				24693						
Ave.PF=KWh/KVAh					7. Generator					
0.91					3169.09					

INVOICE					
	Unit	Rate (Rs)	Amount (Rs)		Amount
1.Total Demand Charge			9.Other Charges		
a. Demand Charge - Normal	188.0	400.000	75200.00	Interest	267.00
b. Demand Charge - Peak	0.0	400.000	0.00		
c. Demand Charge - Off peak	0.0	400.000	0.00		
d. Excess Demand Charge (Normal)	0.0	200.000	0.00		
e. Excess Demand Charge(Peak)	0.0	200.000	0.00		
f. Excess Demand Charge (Off peak)	0.0	200.000	0.00		
<b>Sub Total (a+b+c+d+e+f)</b>			<b>75200.00</b>		
2.Total Energy Charges					
a. Energy charges - Normal	12117.0	6.200	75125.40		
b. Energy charges - Peak	3729.0	9.300	34679.70		
c. Energy charges - Off peak	6540.0	4.650	30411.00		
<b>Sub Total(a+b+c)</b>			<b>140216.10</b>		
3.PF Incentives /Penalty			-701.08		
<b>Total Energy Charge</b>			<b>139515.02</b>		
4.Energy Charges on Lighting load					
a.Factory Lighting	0	0.2		10.Total(add 1 to 9)	
b.Colony Lighting	0	0.2	0.00	229601.31	
<b>Sub Total(a+b)</b>					
5.Electricity Duty			140216.10		
6.Ele. Surcharge			559.65		
7.Duty on self generated energy			38.03		
8.Penalty for non-segn. of light load					
			<b>Net Payable</b>		
			<b>229601.00</b>		

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(Rupees Two Lakh Twenty Nine Thousand Six Hundred One Only)

E & O E Balance Advance at Credit, if any

(instructions overleaf) 
  
**SPECIAL OFFICER (REVENUE)**

Please Detach and enclose with the DD

1367210001727	2102811646689	Rs.229601.00	August 2018
<b>VIMAL JYOTHI ENGINEERING COLLEGE</b>			
Date	<input type="text"/>		
DD/Payment Instruction	<input type="text"/>		
Name of the Bank	<input type="text"/>	Signature	