



SACRED HEART COLLEGE (AUTONOMOUS)

Tirupattur – 635 601, Tamil Nadu, S.India Resi : (04179) 220103

College : (04179) 220553

Fax : (04179) 226423

Ready for
Every Good Work

A Don Bosco Institution of Higher Education, Founded in 1951 * Affiliated to Thiruvalluvar University, Vellore * Autonomous since 1987

Accredited by NAAC (4th Cycle – under RAF) with CGPA of 3.31 / 4 at 'A+' Grade

7.1.2. Permission document for connecting to the grid from the Government/ Electricity authority.

GOVERNMENT OF TAMIL NADU
ELECTRICAL INSPECTORATE

From
Electrical Inspector,
No.19,10th East Main Road, 1st Floor,
(Opp: TNEB Office),
Gandhi Nagar East,
Vellore-632 006.

To
✓ M/s. Sacred Heart College, Autonomous,
Thirupathur – 635 601,
Vellore District.

Letter No. VLR 2972/ EI/VLR / R.43 /LT-Solar/SC/ 2018 Dated: 28.11.2018

Sirs,


Sub: Electricity- New Electrical Installations of voltage exceeding 650V at the premises of
M/s. Sacred Heart College, Autonomous, Thirupathur – 635 601, Vellore District - (LT.SC.No.401-303-815)– 28 KWP Solar Power Plant - Inspection under Regulation 43 of Central Electricity Authority [Measures relating to safety and Electric supply] Regulations 2010, on: 22.11.2018 Approval - Accorded.

Ref: 1. This office Lr. No. 2972/EI/VLR/D/SR/LT-Solar/2018, Dated: 05.11.2018.
2. Your Lr. No. Nil, Dated: Nil, received in this office on:19.11.2018.
3. This office Lr. No.VLR 2972/EI/LT-Solar/R.43/DR/2018, Dated: 23.11.2018
4. Your Lr. No. Nil, Dated: 28.10.2018.

Approval is hereby accorded under Regulation 43(3) Central Electricity Authority [Measures relating to safety and Electric Supply] Regulations, 2010 to commission the Electrical Installations inspected on: 22.11.2018 at the above premises as detailed in the annexure subject to complying with the terms and conditions of the supplier.

The date of energisation of the installation should be intimated to this office. The equipments permitted should be commissioned with in six months from the date of issue of this letter failing which fresh permission should be obtained.

Under Regulation 46(7) of Central Electricity Authority [Measures relating to safety and Electric Supply] Regulations, 2010 the owner of the installation shall maintain and operate the installations in a condition free from danger and as recommended by the manufacturer or by the relevant codes of practice of the Bureau of Indian Standards.


ELECTRICAL INSPECTOR
VELLORE

Encl: Annexure containing List of Electrical Equipments [Page - 1] (with Annexure)

Copy to: M/s. Power Lead Enterprises Pvt, Ltd., No.51, Bye Pass Road,
Thiruvalluvar Nagar, New Town, Vaniyambadi.

Copy to: The Superintending Engineer/Thiruppathur TANGEDCO Ltd / Thiruppathur Electricity
Distribution Circle. (With Annexure)

Copy submitted to: The Chief Electrical Inspector to Government / Chennai-32. (With Annexure)

measured to this office) S.No: VLR 2972/EI/VLR/R43/JT-Solar/Sc/2018/28.11.2018

List of equipments

1. 28KW SOLAR PLANT CONSIST OF THE FOLLOWING ITEMS:

PV MODULES:

1. Each module capacity : 325wp
2. No of Modules : 85Nos
3. No of Strings : 5Nos

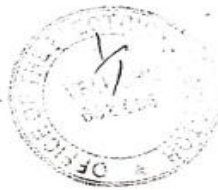
2. 40 KWp SOLAR GRID-TIED INVERTER

1. Inverter Capacity 40KWp
2. DC Voltage 200-100 D.C.V
3. DC Current 2*38 D.C.A
4. AC Voltage 3W/N/PE /230/400 A.C.V
5. AC Current 3*58 A.C.V
6. Frequency 50/60 HZ
7. Make GROWWATT40000TL3-NS
8. SL.NO XUB174400F

From PV modules to inverter - 2 Core x 4 SQ.mm PVC Solar Cable

From Inverter to LT Panel - 4RX1CX25 SQ.mm Flexible copper cable to 63 Amps 4 Pole MCB

From 63 Amps 4 pole MCB to Meter board - 3.5 Core x 70 SQ.mm XLPE Al.Cable



28/11/18
ELECTRICAL INSPECTOR,
VELLORE