

GOVERNMENT OF KARNATAKA
(Electrical Inspectorate)

No: ACEI/BN/AEI(O)/ /2015-16
9524-29

Office of the
Additional Chief Electrical Inspector,
Bangalore North,
No: 2/4 "Aragini Bhavana"
Dr. Rajkumar Road, Rajajinagar,
Bangalore-560 010

SPP No: 9AE-01 /15-16

Date: 30-1-2016

OFFICIAL MEMORANDAM

Sub: Approval to commission the electrical installation of 50kW roof top solar PV plant at M/s. Kristu Jayanthi College, K. Narayabapura, Kothanur (P), Bangalore-560077

- Ref: 1. Drawing approval letter No: ACEI/BN/AEI(O)/SD-17/6215-19/2015-16, Dt.26.10.15
2. Completion Report vide Ltr. No: Nil, DT: 14.12.2015.
3. T.O Observation Ltr No:ACEI/BN/AEI(O)/8414-15/2015-16 dated:22.12.2015
4. Compliance report No:nil, dated:20.01.2016 from Kristu Jayanthi
5. Compliance report No:nil, dated:23.01.2016 from Sri. Hari Electricals.

Approval as required under regulation 32 of the CEA regulations 2010 is hereby accorded to commission electrical installation of 50kW roof top solar PV plant at M/s. Kristu Jayanthi College, K. Narayabapura, Kothanur (P), Bangalore-560077, as the electrical installation is found to be in general conformity with the CEA regulations 2010.

This approval is issued subject to the conditions mentioned overleaf.

DETAILS OF EQUIPMENTS:

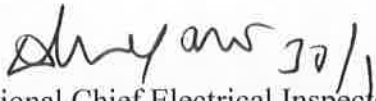
SI. No	Name of Details	Details
1	BESCOM RR No.	E8HT-03
2	Solar Panel/Module	Make: Tata Power Solar, Systems Limited, Qty:200No's, Capacity of each module: 250Wp,
3	Inverter	Make: Delta, Model-RPI303FA0E0000,30KW, SI.No:1) O1815500360WM, 2) O1815500361WM
4	AC DB Panel	Make: Tata Power Solar
5	LT Cable	3.5X70 Sq.mm- Inverter to Solar AC Panel
6	DC Cable	6RX1CX4sqmm
7	DC Junction Box	Make: Tata Power Solar, 2Nos
8	LT Breaker	Make: ABB, 4 P, MCCB, 200A
9	HT Metering Cubical	Make: Vivek Enterprises, SI. No: 150297 CT Details: Make: Kalpa, 10/1Amps, 2.5VA,cl:0.2 SL No: 1) 142593/15, 2) 142573/15, 3) 1425606/15 PTDetails:Make:Kalpa,25VA,11kV/ $\sqrt{3}$ //110V/ $\sqrt{3}$.25VA,cl:0.2, SI. No: 1) 85356/15, 2) 85357/15, 3) 85358/15
10	Bidirectional Energy Meter in HT metering Cubical	Bi Directional Energy Meter: Make: L&T, 3P4W,cl: 0.2, 50000impulse/kWh, Main Meter SI. No. 15193573, Check Meter SI.No:15193582

Further, the inspection fees of Rs. 3100/- (Rupees: Three Thousand One hundred only) is paid vide Rt No: Rt. No: 429357, Dt: 11.12.2015 at this office is hereby acknowledged.

CONDITIONS:

1. This approval is subject to condition of compliance of CEA regulations 2010, Electricity Act 2003 and Karnataka Electricity (Taxation on Consumption) Act 1959.
2. License under section 14 of Electricity Act 2003 shall be obtained from the KERC to transmit electricity or to distribute electricity or to undertake trading in electricity.
3. Monthly tax returns shall be filled in forms 'F' & 'G' and sent to the jurisdictional Deputy Electrical Inspector **Bangalore Additional East**, with a copy marked to this office.
4. This approval shall be displayed in the control room.
5. Log Book detailing the day-to-day generation of energy and fuel consumption shall be maintained.
6. The Energy meters and the Current Transformers shall be got calibrated once in a year and once in three years respectively and the Certificates shall be sent to this office, under intimation to jurisdictional Deputy Electrical Inspector, **Bangalore Additional East** Calibration may be done by the KPTCL or any other approved agencies
7. The installation shall be always kept open for inspection of the Electrical Inspectorate authorities
8. Any Change in the installation shall be intimated to this office and fresh approval shall be obtained.
9. It shall be responsibility of the owner of all installation to maintain and operate the installation in a condition free from danger and as recommended by the manufacturer or by the relevant codes of practice of Bureau of Indian Standards.
10. Insulation tests of all the electrical equipments and between conductors and earth of all LT Circuits shall be periodically conducted and the results shall be recorded in a register. The register shall be made available to the Electrical Inspectorate Officers during regular inspections
11. Tax at the rate of 6% of the energy bill shall be remitted if the generated energy is sold and also Electricity tax at the rate of 10 paise per unit on self consumption shall be remitted in the office of jurisdictional Deputy Electrical Inspector, if the aggregate installed capacity is more than 250KVA.

To,
The Principal
M/s. Kristu Jayanthi College,
K. Narayabapura,
Kothanur (P), Bangalore-560077


Additional Chief Electrical Inspector
Bangalore North, Bangalore-10.
Additional Chief Electrical Inspector
Bangalore North,
BANGALORE 10

Copy submitted to:

1. The Chief Electrical Inspector to Govt. Bangalore for kind information.

Copy To

2. The Deputy Chief Electrical Inspector, Bangalore Addl. East for information.
3. The Electrical Inspector, Bangalore Addl. East for information
4. The Deputy Electrical Inspector, Bangalore Addl. East for information
5. The Assistant Executive Engineer (Ele) E-8, Sub division BESCOM.
6. M.F & O.C.