

G. Pulla Reddy Engineering College (Autonomous): Kurnool

Department of Electrical & Electronics Engineering

(Authorization issued by CEIG/HYD/vide letter No. CEIG/HT/OTK)

Memo No: DES & CEIG/TS/OTK/D.No: 119/2019, dated: 25.01.2019, valid upto 17.03.2022

Test Certificate No: 1

Date: 18/01/2021

1. Received from: *Sai Krishna Educational Society*
(Full address to be given) *G. Pullaiah College of Eng & Tech, Pasupala(V),
Nandikotkur Road, Kurnool.*

2. Transformer Details: Make	Sl.No	Capacity	VR
<i>PETE</i>	<i>5880</i>		<i>250KVA</i>

3. Details of Transformer oil test:
Number of Samples tested Top: *1*
Bottom: *1*

- (i) Di-electric strength:

Top: *29KV*

Bottom: *26KV*

- (ii) Acidity Test: *0.2 mgh*

4. Date of Test: *18/01/2021*

5. Test Results: *Satisfaction.*

Tested by

M. Bange Reddy

Issued by

Reddy

G. Pullaiah
PRINCIPAL
G. Pullaiah College of Engg & Tech.
Nandikotkur Road, VENKAYAPALI
KURNOOL-518 452 (A.P)

G. Pulla Reddy Engineering College
(Autonomous), Kurnool
HOD, EEE DEPARTMENT
G. Pulla Reddy Engineering College
(Autonomous), Kurnool

Southern Power Distribution Company of Andhra Pradesh Ltd.

O/o The Divisional Engineer,
Operation:Kurnool

Proceedings No: DE/O/KNL/Coml/F.SRT:09/16-17/D.No: 194 /16, dt: 11.07.2016

Sir,

Sub:-Operation Division, Kurnool- Installing of 100 KW Solar Roof Top SPV Generator at The M/s Sri Sai Educational Society, SC No: HT KNL-350, Cat-HT-II, Pasupula(V), Kurnool(M)- Approval- Reg.

Ref:- Your Application No: 83222CN03402016JUL01, Dt: 01.07.2016

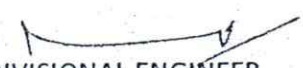
&&&

With reference to your application for installation of solar SPV generator for M/s Sri Sai Educational Society, SC No: HT KNL-350, Cat-HT-II, Pasupula(V), Kurnool(M) is inspected by the undersigned on 11.07.2016 and found feasible.

Hence approved vide SRT NO: 10/2016-17, dt:11.07.2016

You are further requested to approach this office with relevant documents (Meter, SPV Modules, Grid Tie Invertor, Protective System) after completion of installation of SPV generator and obtaining CEIG approval, for further processing.

Encl: Technical Feasibility Report.


DIVISIONAL ENGINEER,
OPERATION: KURNOOL

To,

- ✓ The M/s Sri Sai Educational Society, SC No: HT KNL-350, Cat-HT-II, Pasupula(V), Kurnool(M)
Copy Submitted to the Superintending Engineer/Operation/Kurnool for favour of information please.
Copy to the Divisional Engineer/M&P/Kurnool
Copy to the Asst. Divisional Engineer/M&P/Kurnool.
Copy to the Asst. Divisional Engineer/Operation /Kurnool
Copy to the Asst. Engineer/Operation/Kurnool Rural.


PRINCIPAL
G.Pullaiah College of Engg & Tech.
Nandikotkur Road, VENKAYAPALLI
KURNOOL-518 452 (A.P)

TECHNICAL FEASIBILITY FORMAT FOR THE SOLAR ROOF TOP SPV UNIT

A	Name of the applicant	M/s Sri Sai Educational society
	Service Number	KNL350
2	Category	HT Cat-II
3	Distribution	Pasupula(V), Kurnool
4	Pole number	Loc no:58
5	Section	Kurnool rural
6	Address	Nandikotkur road, Pasupula(V),Kurnool(M)
	Mobile Number	7799977989
B	Distribution Transformer Details	-
1	Name of the SS	33/11KV Pullaiah engg. College
2	DTR capacity in KVA	250KVA, PETE
3	Voltage Ration	11KV/433V
4	Total Connected load on the DTR(in KVA)	240KVA
5	Addl. Loads sanctioned so far (in KVA)	-
6	Already proposed loads (in KVA)	-
7	Total Load on DTR : X=4+5+6 (in KVA)	240KVA
8	SPV Generators already connected capacity in KW	-
9	Proposed SPV generators capacity in KW	100KW
10	Total generation capacity Y=8+9 (in KW)	100KW
11	Difference between load and generation capacity Z=X-Y	140KW(Considered KW=KVA)
12	Whether the transformer capacity is adequate to cater the proposed generator in addition to the existing loads and generators capacity with SPDCL and other sources (if any)	Yes
C	FEEDER DETAILS	
1	Name of the 11KV feeder	11KVCollege Waterworks
2	Name of 33/11 SS from which 11KV feeder is emanating	33/11KVSS Military colony
3	Type and size of the conductor	55 Sq mm
4	Current carrying capacity of the feeder	234A(standard conditions)
5	Total connected DTR capacity on this 11KV feeder(KVA)	800KVA
6	SPV generators connected on this feeder, if any, and their	-
7	Maximum load reached on the feeder in Amps & KVA	30Amps,
8	Remarks	-
D	Whether technically feasible or not to export the power from proposed SPV generator (Yes or No)	Yes

Condition:

1.The consumer is requested to procure solar roof top SPV units from the approved companies.

G. Pullaiah
PRINCIPAL
 G.Pullaiah College of Engg & Tech.
 Nandikotkur Road, VENKAYAPALLI
 KURNOOL-518 452 (A.P)

DIVISIONAL ENGINEER
 OPERATION:KURNOOL

Dr. C.SrinivasaRao
Principal

Dt: 09-11-2021

To,
The Deputy Electrical Inspector
Kurnool Sub-Division,
H.No.79/72,Krishnanagar,
Kurnool (Dist)-518002
Sir,

Sub: Request to inspect HT service – submission of original chalan - Reg.

It is bring to your kind notice that HT inspection needs to be carried out at our college. The necessary fee in this regard (Rs 3,900/-) has also been paid in the form of Chalan. I request you kindly look into the matter and depute engineers to inspect the HT service on any convenient day.



Received

C. Srinivas
PRINCIPAL
G. Pullaiah College of Engg & Tech.
Nandikotkur Road, VENKAYAPALLI
KURNOOL-518 452 (A.P)

Yours Sincerely,

C. Srinivas
(Dr.C.SrinivasaRao)

PRINCIPAL
G. Pullaiah College of Engg. & Tech
Nandikotkur Road-Venkayapalli (V),
KURNOOL - 518 452

G.PULLAIAH COLLEGE OF ENGINEERING AND TECHNOLOGY
(Autonomous)

(Approved by AICTE, New Delhi | NAAC Accreditation with 'A' Grade | Accredited by NBA (CSE, ECE & EEE) | Permanently Affiliated to JNTUA)
Campus: Nandikotkur Road, Venkayapalli (V), Kurnool - 518452, Andhra Pradesh
Landline : 08518-285011/88 Fax: 08518-285033, Mobile: 92469 22869
Email: principal@gpcet.ac.in, Website: www.gpcet.ac.in

GOVERNMENT OF ANDHRA PRADESH

DIRECTORATE OF ELECTRICAL SAFETY

FROM:
The Deputy Electrical Inspector,
Kurnool Sub-Division,
B/B-126,Near Birla Gate P.O
Kurnool District

M/s. Sri Sai Krishna Educational Society
Sy No:314/1 & 314/2,
Sudireddypalli(V),Pasupula(M),
Kurnool Dist.

TO:

Lr. No. Dy. EI/KNL/H.T/D.No 122 / 2021. Dated : 22/02/2021

Sir,

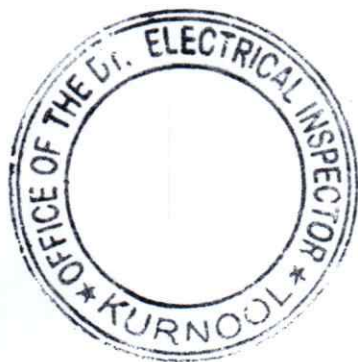
Sub: Electrical Inspectorate – The Electricity Act 2003 – Electrical Installation of
M/s Sri Sai Krishna Educational Society, Sy No:314/1 & 314/2,
Sudireddypalli(V),Pasupula(M),Kurnool Dist.Inspection under section 53 of the
Electricity Act,2003 and U/r 30 of Central Electricity Authority (Measures relating
to Safety and Electricity supply) Regulations, 2010 -compliance report received -
Regarding.

Ref: 1) Date of Inspection 29.12.2020
2) Lr No. DyEI/KNL/LT/D.No: 01/2021Dated 02.01.2021
3) Your letter No: Nil dated : 21.01.2021 received on 21-01-2021

The compliance report for the defects noticed under reference 3rd cited is received in this office on 02/01/2021 and is found satisfactory hence the installation is treated as safe condition.

Under Regulation 43(4) of the Central Electricity Authority (Measures relating to Safety and Electricity supply) Regulations, 2010 any addition or alterations in your installation shall not be connected to supply until the same are approved in writing by the Director of Electrical safety and Electrical Inspector, Kurnool.

Under Regulation 13(4), 46(7) of the Central Electricity Authority (Measures relating to Safety and Electricity supply) Regulations, 2010 you are at times solely responsible for maintenance of the above installation on such condition as to be free from danger.



Yours faithfully

#Digitally Signed#
Dy Electrical Inspector
Kurnool Sub-Division
Kurnool

Signed by D Sudhakar
Reddy
Date: 22-02-2021 16:32:08
Reason: Approved


PRINCIPAL
G.Pullaiah College of Engg & Tech.
Nandikotkur Road, VENKAYAPALLI
KURNOOL-518 452 (A.P)

MARUTI ELECTRICALS

GOVT SUPPLIERS & CONTRACTORS

D.No. 4-49-2, G-2, SLV Homes, Near Rythu Bazar, V.R. Colony, KURNOOL-518001.

Works :: 132/33 KV SS Compound, Bellary Road, APSPDCL, KURNOOL-518 003

Date : 05/02/2021

To,
M/S. Sai Krishna Educational Society,
G.Pullaiah College of Eng & Tech,
Pasupula Village,
Nandikotkur Road,
Kurnool 518 002.

Transformer Oil Testing

Name of the Customer	:: M/S. Sai Krishna Educational Society
Place	:: Kurnool
Location	:: Nandikotkur Road
Transformer Make	:: PETE
Capacity	:: 250 KVA
Serial No	:: 5880
Details of Transformer oil test	
Number of Samples tested	:: Top: 1 Bottom: 1
BDV Test	:: Oil with stood (2.5 mm gap in the test kit)
Di-electric strength	:: Top oil 45 KV/ 60 seconds Bottom oil 35 kv / 60 seconds
Acidity Test	:: 0.2 mgh
Date of Test	:: 05/02/2021

The above transformer oil testing results found satisfactory.

Tested by

J. Sreenivasulu

PRINCIPAL

G.Pullaiah College of Engg & Tech
Nandikotkur Road, VENKAYAPALLI
KURNOOL-518 452 (A.P)

Issued by

M/s MARUTI ELECTRICALS
PROPRIETOR