



# Sadakathullah Appa College

\*An Autonomous Institution, Re-Accredited by NAAC at an 'A' Grade, \* ISO 9001: 2015 Certified \*

## CRITERION VII

### INSTITUTIONAL VALUES AND BEST PRACTICES

#### 7.1.2

The Institution has facilities for alternate sources of energy and energy conservation measures

#### SOLAR ENERGY

*Submitted to*

THE NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)

August 2022





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## 7.1.2

### The Institution has facilities for alternate sources of energy and energy conservation measures

#### Solar Energy

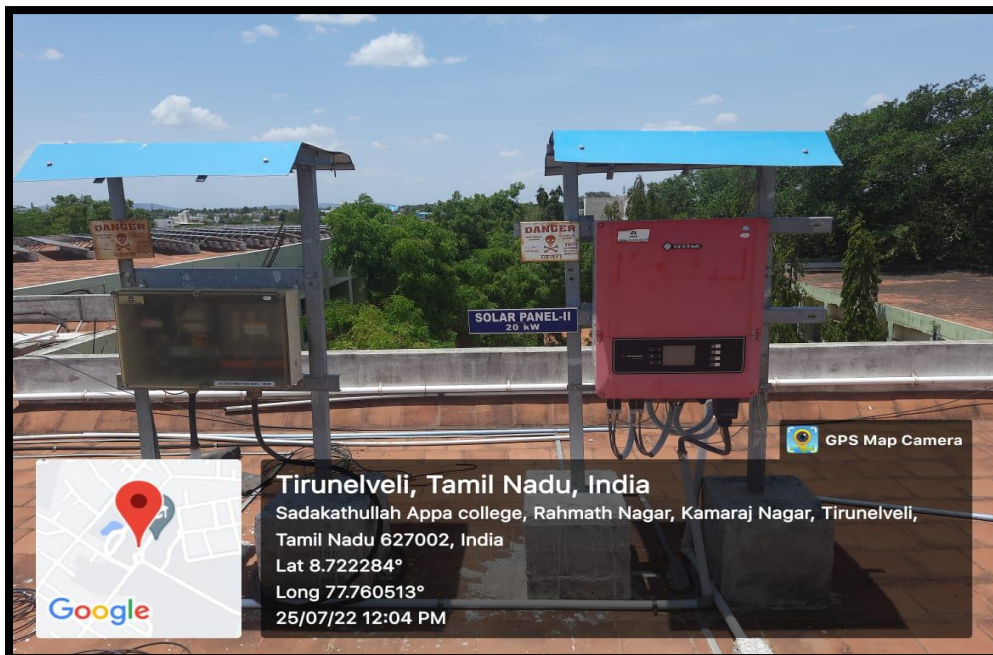
Sadakathullah Appa College has facilities for alternate sources of energy and energy conservation measures. It is taking steps to be self-reliant in the matter of power as three 20 kW roof-top solar power-generating panels, amounting to 60 kW, have been installed on the premises.



## Solar Panel-I



## Solar Panel-II



## Solar Panel-III



## Solar Panel Purchase order

GOVERNMENT OF TAMILNADU  
ELECTRICAL INSPECTORATE

13 SEP 2019

Phone & Fax : 0462 2530343

e-mail : [eitn@tn.gov.in](mailto:eitn@tn.gov.in)  
Visit : [www.tnei.tn.gov.in](http://www.tnei.tn.gov.in)

From  
The Electrical Inspector,  
B21/2, N.G.O. 'B' Colony,  
Jawahar Nagar,  
Tirunelveli - 627 007.

To  
M/s.Sadakathullah Appa College,  
Rahmath Nagar, Tirunelveli - 627 011.

Letter No. 2561A/EI/TIN/Reg 32/Solar/2019 Dated : 10-09-2019

Sirs,

Sub : Electricity - Solar PV Power Plant installations - Voltages upto and inclusive of 650V at the premises of M/s.Sadakathullah Appa College, Rahmath Nagar, Tirunelveli - 627 011. EB Service Connection No. 011-018-1184 - Inspection under Regulation 32 of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010 - Inspected on 05.09.2019 - Permission to Commission the 20kW Solar PV Power Plant Equipments - Regarding..

Ref : Your Letter No. Nil. Dated: Nil (Recd. on 05.09.2019).

Under Regulation 32 of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010, permission is hereby accorded to commission the 20kW Solar PV Power Plant as per the

	Solar PV Modules	Solar PV Grid Tied Inverter
Make	Tata Power Solar	GOODWE
Type / Model	--	SI.No. 9020KDTU187R0051
Capacity	320W-64Nos.	20kW, 490V

### CONDITIONS

Subject to the following Conditions:

- 1) Reverse power relay protection should always be ensured for the TANGEDCO supply of the above Electrical Installation.
- 2) The permission granted now ceases to be valid when the Solar set / Diesel Generator set is shifted from the above service connection.
- 3) The date of commissioning of the Solar set should be intimated to this office, The Superintending Engineer, Tirunelveli Electricity Distribution Circle / TANGEDCO, Tirunelveli, The Executive Engineer O&M, Tirunelveli (Urban), TANGEDCO and Chief Electrical Inspector to Government, Chennai-32.
- 4) Tax on Consumption or Sale of Electricity using Solar & DG supply should be remitted monthly and returns sent to this office as per Tamil Nadu Tax on Consumption or Sale of Electricity Act.2003.

*Committed*  
05.09.2019  
Electrical Inspector (i/c)  
Tirunelveli

Copy to: Thiru.Seeni Energy Engineers, 57, Palaya Gramam Street, Cheranmahadevi, Tirunelveli - 627 414.

Copy to: The Superintending Engineer/ TANGEDCO LTD.,  
Tirunelveli Electricity Distribution Circle, Tirunelveli

Copy submitted to: The Chief Electrical Inspector to Govt., Chennai.

*12/9/19*



TANGEDCO Madu Generation And Distribution Corporation Ltd

Demand Notice for Solar-Roof-Top-Netmetering Dated-11.12.2019

Ack. No./ Reg. No. :1000701111192383 / 01111192383  
Applicant Name :Principal  
Address : Sadakathulla, 3f,738, Rahumath Nagar,  
Palayankottai  
Tariff :LM2B2

Also, the following registration charges may be paid before 15 days for further processing of the application.

DESCRIPTION	ACCOUNT HEAD	AMOUNT
Charges for changing of	61916	Rs. 1000
Estimate Charges (61904e)	61955	Rs. 10990
Shifting Charges (61904m)	61963	Rs. 1000
Testing Fees	61907	Rs. 75
CGST	46941	Rs. 96.75
SGST	46942	Rs. 96.75
Rounding Off	62948	Rs. .5
Total Amount		Rs. 13,259.00 **

\*\* Kindly note that Payment can be made at TANGEDCO counters / Online Portal: <https://www.tnebn.net.org/awp/login>.

For further details mail to : [tit4721ee@tnebn.net.org](mailto:tit4721ee@tnebn.net.org)

This is an auto generated email. Kindly do not reply to this mail.

Yes  
17/12/19

INVOICE

Original-Buyer's copy



**MAHATHE  
ENERGY SOLUTIONS**

No 13/143, Ground Floor, Vivekanandar Street  
Baskar Colony, Virugampakkam,  
Chennai-600 092  
Ph:+91 9884841461  
Email: Mahathemarketing@gmail.com

Invoice No : 117  
Invoice Date : 24/1/20  
GSTIN : 33AHMPY9595R1ZR

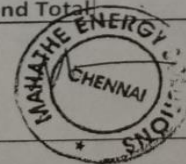
TO, THE SECRETARY,  
SADAKATHULLAH APPA COLLEGE  
RAHMATH NAGAR  
TIRUCHENAI - 627011

S.No	Product Name	Qty	Unit Rate	Amount	
1	Make: Secure Model Premier 300 Description: Supply of Three phase four wire 240V, /5A LTCT operated TOD DLMS compliance Static Energy meters of class 0.5s accuracy with bi-directional features	1	12,000.00	12,000.00	
HSN Code:90283010				Total	12,000.00

Y 1270285

Account Name: Mahathe Energy Solution  
Bank Name: State Bank Of India Branch: Anna Nagar, Chennai  
Account No: 62232353508 IFSC Code: SBIN0021094  
Rupees(In words): Fourteen Thousand and One Hundred and  
Sixty Rupees only  
Declaration: We declare that this invoice show the actual price of  
the goods described and that all particulars are true and correct

IGST@18%	nil
CGST@9%	1,080.00
SGST@9%	1,080.00
Other Charge	nil
<b>Grand Total</b>	<b>14,160.00</b>



This is a Computer Generated Invoice

**Tata Power Solar Authorised Dealer**  
No.71/1B, Pallavan Nagar Main Road, Maduravoyal, Chennai 600095  
Cell : 9445249906 / 9444680137 Email : [srinivasimpex@gmail.com](mailto:srinivasimpex@gmail.com) GSTIN 33AFCPT0278G1Z1

No.SI/TPS/2018-19/110

27.02.2019

PROFORMA INVOICE

To

Mr.T.E.S.Fathu Rabbani  
Secretary  
Sadakathullah Appa College  
Tirunelveli 627011

Dear sir,

We wish to draw your kind attention to our discussion on the subject and as per your request we are giving hereunder the quote for Tata Power Solar

Tata Dynamo G 20 kw 3 phase – Plant cost	10,60,000	
(Solar panels, Inverter, ACDB, AJB, 10m standard cable and accessories including Lightening arrester)		
GST-TAXES @5% on 70% of Cost	37,100	
GST-TAXES @13% on 30% of Cost	57,240	
<b>TOTAL COST OF PLANT + TAXES etc</b>		<b>11,54,340</b>

**COMPONENTS FOR EACH UNIT**

- Tata Power Solar Module: 20000 Wp (250wx80)
- Tata Power Solar Grid-tie Inverter: 20kva (three phase)
- AC Distribution box, Array Junction box,
- Cables, lightening arrester, Earthing,
- And other accessories

**TERMS AND CONDITIONS\***

1. Includes Plant, structures, civil ballast structure, installation, taxes, as stated above.
2. Separate extra bill for transport from Bangalore and unloading.
3. Excludes Extra Cable, separate feeder line cable, Bi-directional meter, discom charges, Civil costs and electrical costs.
4. The price is payable by draft/RTGS favouring "Srinivas Impex, Chennai". Or by RTGS to "Indian Overseas Bank, Ashok Nagar Branch, Chennai 600083, IFSC IOBA0000463, A/c No.046302000002439 of "SRINIVAS IMPEX, No.71/1B, Pallavan Nagar Main Road, Maduravoyal, Chennai 600095"
5. **PAYMENT TERMS :**
  - a. 90 % advance payment
  - b. 10% as payment of 10% on final execution and commissioning of the project.

With regards

Yours faithfully,

(K.Soupramanien)  
Srinivas Impex, Chennai 16



**PRINCIPAL**  
**SADAKATHULLAH APPA COLLEGE**  
Rahmath Nagar, TIRUNELVELI - 627 011.