



Sadakathullah Appa College

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

AQAR

(2021-2022)

CRITERION VII

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1.2 FACILITIES FOR ALTERNATE SOURCE OF ENERGY

WHEELING TO THE GRID

Submitted to

THE NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)





Sadakathullah Appa College

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

7.1.2

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

Wheeling to the Grid

The College has 60 kW roof-top solar power-generating panels and 6,800 units per month on average have been exported to the grid.



Total Units of Current Consumed in College

Monthly current consumption by the College	–	8,640 units
Current generated by Solar Panel-I	–	2,320 units
Current generated by Solar Panel-II	–	2,240 units
Current generated by Solar Panel-III	–	2,240 units
Total Current generated by the three Solar Panels	–	6,800 units
Annual power consumption by the College	–	1,03,680 units
Total Current generated by the three Solar Panels annually	–	81,600 units
Total annual power consumption by the College	–	1,85,280 units
Percentage of the total power consumption obtained from Solar	–	44.04 %



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25/07/22

Principal

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



Tamil Nadu 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.tnebnet.org/awp/login>.

For further details mail to : tit472lee@tnebnet.org

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

yes
17/12/19

INVOICE

Original-Buyer's copy



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

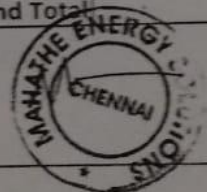
MAHATHE
 ENERGY SOLUTIONS

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

TO, THE SECRETARY,
 SADAKATULLAH APPA COLLEGE
 RAHMATH NAGAR
 THROUGHVELI - 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
Account Name:Mahathe Energy Solution				IGST@18% nil
Bank Name:State Bank Of India Branch:Anna Nagar,Chennai				CGST@9% 1,080.00
Account No:62232353508 IFSC Code: SBIN0021094				SGST@9% 1,080.00
Rupees(In words): Fourteen Thousand and OneHundred and Sixty Rupees only				Other Charge nil
Declaration:We declare that this invoice show the actual price of the goods described and that all particulars are true and correct				Grand Total 14,160.00

Y 1270285



This is a Computer Generated Invoice

GOVERNMENT OF TAMILNADU
ELECTRICAL INSPECTORATE

Phone & Fax : 0462 2530343

e-mail : eitin@tn.gov.in
Visit : www.tnei.tn.gov.in

12 SEP 2019

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).

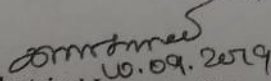
Under Regulation 32 of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010, permission is hereby accorded to commission the 20kW Solar PV Power Plant as per the

	Solar PV Modules	Solar PV Grid Tied Inverter
Make	Tata Power Solar	GOODWE
Type / Model	-	Sl.No. 9020KDTU187R0051
Capacity	320W-64Nos.	20kW, 400V

CONDITIONS

Subject to the following Conditions:

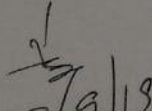
- 1) Reverse power relay protection should always be ensured for the TANGEDCO supply of the above Electrical Installation.
- 2) The permission granted now ceases to be valid when the Solar set / Diesel Generator set is shifted from the above service connection.
- 3) The date of commissioning of the Solar 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.


10.09.2019
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.


10/9/19

Reports Are Internal Documents

CONSUMER LEDGER

Report time : 21-06-2023 05:46:01 pm

Section Code/Name	011 - VM CHATRAM	Name of the Consumer	PRINCIPAL	Sanctioned Load / Phase	112 - KW / 3 CT
Distribution Code/Name	018 - RHN - VMCHATRAM	Address	SADAKATHULLA, 3F,738, RAHUMATH NAGAR, PALAYANKOTTAI	CT/ONCT	
Service Number	1184	Meter Make	SECURE	Tariff/Tariff Sub category	LM2B2 / Private Educational Institutions
		Meter Type	Static Bidirectional Meter	Category / Govt Office Type	OTHERS /
		Meter Number	1270285		
		Capacity	5		
		MF	40		
Service Status	LIVE	MCD As on Date	Rs.5000/-	SD As on Date	Rs.446994/-
Effected Date	26-07-2007	MCD available for adj.	Rs 0/-	Owner Type	NOT AVAILABLE
Entry Date	29-12-2014-18:58:52			SD available for adj./refund	Rs/-
Old Number Transferred On Old tariff		Mobile Number	9994779577	Zone Details Solar Roof Top	Urban YES
SS	PALAYAMKOTTAI 110 KV	Feeder	540105-SHANTHI NAGAR	DT	LADIES HOSTEL SS
Aadhaar Update Status	Not Registered				

Monthly Consumption Charge Collection Details

Month/Year	Reading Date	Entry Date	KWH End Meter Reading	KWH Start Meter Reading	KVAH End Meter Reading	KVAH Start Meter Reading	MF Rtdng.	Assmt. Units	Sanc. Load	MD	PF	CC Charge	Welding	Excess Demand Charges	PF Penalty	E Tax	FC	Assmt. Amt.	Adjustment	Ar Pi
10/2007	30-10-2007	01-11-2007	8152	3294	0	0		4858	0	0.84		21375.2	0	0	213.75	0	40	22708	0	
12/2007	31-12-2007	04-01-2008	11377	8152	0	0		3225	0	0.84		14190	0	0	141.9	0	40	15089	0	
2/2008	29-02-2008	29-02-2008	15685	11377	0	0		4308	0	0.84		18955.2	0	0	189.55	0	40	20142	0	

2/2021	27-02-2021	28-02-2021	1576.83	1303.83	1944.85	1623.55	40	10920	111.7	14.24	85	81900	0	0	0	4140	6720	92236	0
3/2021	26-03-2021	30-03-2021	1834.56	1576.83	2238.37	1944.85	40	10309.2	111.7	13.28	88	77319	0	0	0	3907.95	6720	87520	0
4/2021	27-04-2021	30-04-2021	2020.24	1834.56	2455.31	2238.37	40	7427.2	111.7	12.8	86	55704	0	0	0	2824.2	6720	64163	0
5/2021	29-05-2021	31-05-2021	2098.67	2020.24	2550.85	2455.31	40	3137.2	111.7	12.96	82	23529	0	0	0	1215.45	16720	29422	0
6/2021	29-06-2021	30-06-2021	2192.64	2098.67	2666.93	2550.85	40	3758.8	111.7	16.16	81	28191	0	0	0	1460.55	6720	34858	0
7/2021	28-07-2021	02-08-2021	2315.77	2192.64	2810.34	2666.93	40	4925.2	111.7	12.8	86	36939	0	0	0	1885.95	6720	44610	0
8/2021	28-08-2021	02-09-2021	2472.53	2315.77	2990.8	2810.34	40	6270.4	111.7	27.36	87	47028	0	0	0	2435.4	6720	54104	0
9/2021	27-09-2021	01-10-2021	2691.84	2472.53	3241.14	2990.8	40	8772.4	111.7	32.32	88	65793	0	0	0	3388.65	6720	73015	0
10/2021	28-10-2021	01-11-2021	2937.07	2691.84	3517.78	3241.14	40	9809.2	111.7	31.04	89	73569	0	0	0	3774.45	6720	80888	0
11/2021	26-11-2021	01-12-2021	3168.22	2937.07	3778.55	3517.78	40	9246	111.7	32.8	89	69345	0	0	0	3566.25	6720	77813	0
12/2021	27-12-2021	30-12-2021	3487.18	3168.22	4125.97	3778.55	40	12758.4	111.7	16.8	92	95688	0	0	0	4835.4	6720	106438	0
1/2022	27-01-2022	31-01-2022	3616.67	3487.18	4276.49	4125.97	40	5179.6	111.7	32	86	38847	0	0	0	2038.35	6720	43009	0
2/2022	28-02-2022	01-03-2022	3746.06	3616.67	4429.18	4276.49	40	5175.6	111.7	29.76	85	38817	0	0	0	2030.85	6720	44159	0
3/2022	28-03-2022	01-04-2022	4016.71	3746.06	4728.45	4429.18	40	10826	111.7	30.4	9	81195	0	0	0	4152.75	6720	89589	0
4/2022	28-04-2022	30-04-2022	4356.14	4016.71	5104.54	4728.45	40	13577.2	111.7	29.12	9	101829	0	0	0	5181.45	6720	115737	0
5/2022	30-05-2022	31-05-2022	4690.08	4356.14	5468.09	5104.54	40	13357.6	111.7	27.04	92	100182	0	0	0	5093.1	6720	113208	0
6/2022	30-06-2022	30-06-2022	5071.39	4690.08	5882.51	5468.09	40	15252.4	111.7	37.92	92	114393	0	0	0	5833.65	6720	129887	0
7/2022	30-07-2022	30-07-2022	5312.86	5071.39	6162.43	5882.51	40	9658.8	111.7	70.88	86	72441	0	0	0	3835.05	6720	84451	0
8/2022	29-08-2022	01-09-2022	5608.01	5312.86	6490.58	6162.43	40	11806	111.7	67.84	9	88545	0	0	0	4631.25	6720	97533	0
9/2022	29-09-2022	01-10-2022	5905.19	5608.01	6823.8	6490.58	40	11887.2	111.7	73.28	89	100082.51	0	0	0	5887.2	26730.67	136664	0
10/2022	28-10-2022	29-10-2022	6195.08	5905.19	7148.55	6823.8	40	11595.6	111.7	48.32	89	103490.73	0	0	0	5970.79	36400	150174	0
11/2022	28-11-2022	30-11-2022	6474.8	6195.08	7467.49	7148.55	40	11188.8	111.7	41.12	88	99860.04	0	0	0	5675.5	36400	144561	0
12/2022	29-12-2022	31-12-2022	6625.66	6474.8	7646.79	7467.49	40	6034.4	111.7	43.36	84	53857.02	0	0	0	3407.85	36400	95052	0
1/2023	31-01-2023	31-01-2023	6885.63	6625.66	7946.47	7646.79	40	10398.8	111.7	47.04	87	92809.29	0	0	0	5420.46	36400	137223	0
2/2023	27-02-2023	28-02-2023	7155.5	6885.63	8248.86	7946.47	40	10794.8	111.7	40.64	89	96289.62	0	0	0	5480.73	36400	139012	0
3/2023	27-03-2023	03-04-2023	7539.33	7155.5	8680.27	8248.86	40	15353.2	112	39.04	89	136950.54	0	0	0	7497.53	36400	183614	0
4/2023	27-04-2023	29-04-2023	7883.69	7539.33	9040.62	8680.27	40	13774.4	112	37.12	96	122867.65	0	0	0	6760.88	36400	167235	0
5/2023	27-05-2023	30-05-2023	8109.76	7883.69	9296.38	9040.62	40	9042.8	112	35.36	88	80661.78	0	0	0	4618.00	36400	124677	0

Application Tracking Collection



Address

05:50 21-06-2023

Solar Panel installed on the terrace of the premises



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25/07/22

Principal

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

