



### **7.1.2 Energy Conservation measures**

#### **Solar panels**

Solar panels are placed on the buildings for the use of renewable energy. Solar technology is used to perform energy conservation measures at our institution. Energy providers and utilities generate electricity on a vast scale to power the campus using solar photovoltaic and concentrating solar power technologies. To conserve energy, our management has used the following alternative sources. To combat climate change, solar photovoltaic systems are installed on our premises. A solar PV system is linked to the main electrical grid to enable power produced by solar panels.

<b>S. No</b>	<b>Description</b>	<b>No. of items</b>
1	No. of solar panels	152
2	Capacity of each solar panel	330Wp
3	Capacity of total solar plant	50160Wp

### **SOLAR PANELS INSTALLED ON ROOFTOP**



*T. Sarathyosh*  
PRINCIPAL

Sarojini Naidu Vanita Pharmacy Maha Vidyalaya  
Vijayapuri Colony, S.Lalaguda, Tamaka  
Secunderabad-500 017.



# SAROJINI NAIDU VANITA PHARMACY MAHA VIDYALAYA

(Sponsored by the Exhibition Society), Tamaka, Secunderabad

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## INVOICE OF SOLAR PANELS INSTALLED

**State Bank of India** (भारतीय स्टेट बैंक)

**TAX INVOICE**

**e-mug Energy Private Limited**  
 Plot No.11A, Anayya Building, Brindavan Nagar, Habsiguda, Hyderabad - 500 007.  
 Phone Nos. : 040-40204000 / 5000, email : info@emugenergy.com  
 www.emugenergy.com

**Details of Receiver (Billed to)**  
 Address: Sarojini Naidu Vanita Pharmacy Maha Vidyalaya  
 College for Women, H.No.12-5-31 & 32,  
 Vijayapuri colony, Tamaka,  
 Secunderabad-500017

**Kind Attn: Jagathi Venkati (+91)9490117163**  
 State: - Telangana  
 State Code: - 36  
 GSTIN/Unique ID: -

Description of Goods	HSN /SAC	Qty	Rate	Total	Amount	CST		SST		KST
						Rate	Amount	Rate	Amount	
1 Supply of 10 kWp On-Grid Solar Power Pack System	8541	1	2744761.91	2744761.91	0.00	2744761.91	2.50	68619.05	2.50	68619.05
2 Installation & Commissioning of 10kWp On-Grid Solar Power Pack System	3934	1	100000	100000.00	0.00	100000.00	9.00	9000.00	9.00	9000.00
<b>Total</b>					3844761.91	0.00	3844761.91	77619.05	77619.05	0.00

**Taxable Invoice Total ( In Words) Thirty Lakhs Only**

**Total Invoice Value ₹ 30,00,000.00**

**For e-mug Energy Private Limited**  
 Authorised Signatory

**TERMS OF SALE**  
 1) Goods once sold will not be taken back or exchanged  
 2) Seller is not responsible for any loss or damaged of goods in transit  
 3) Buyer undertakes to submit prescribed ST declaration to sender on demand. Disputes if any will be subject to seller court jurisdiction

**Handwritten notes:**  
 1) S.N. VANITA PHARMACY MAHA VIDYALAYA  
 Rs. 9,48,000/- @ 20% (Advance)  
 PAID C/P. Ch. T. Lakshmi 778109 dt - 04/05/2017  
 Ac. No. 05219420141 Lakshmi Ismail - 02/05/2017  
 Bill No. & Date e-mug/2017-11/01 dt - 01/11/17  
 Hony. Secretary  
 Hony. Treasurer

**T. Sarathyosh**  
**PRINCIPAL**  
 Sarojini Naidu Vanita Pharmacy Maha Vidyalaya  
 Vijayapuri Colony, S.Lalaguda, Tamaka  
 Secunderabad-500 017.



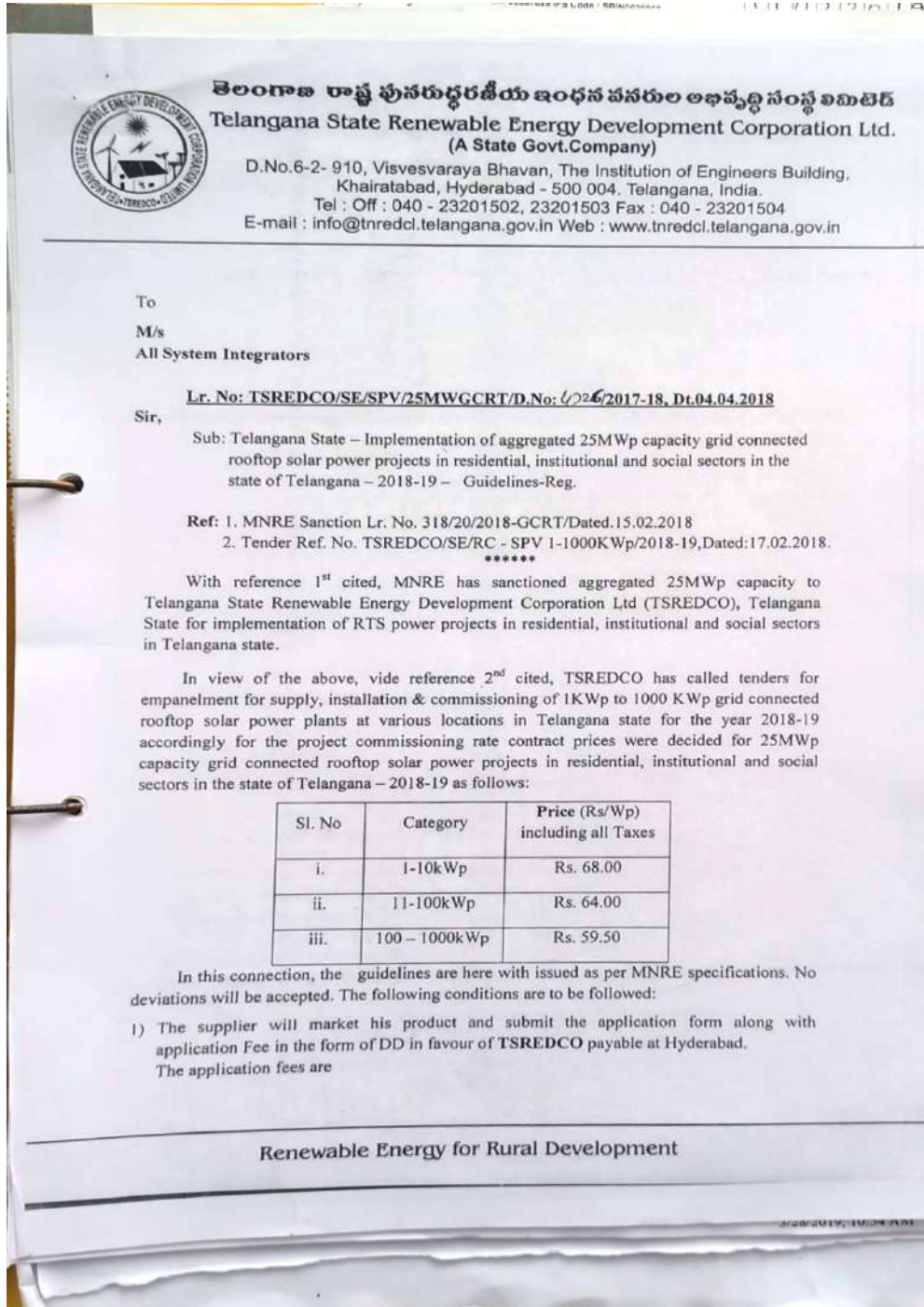
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## GRID CONNECTED TO SOLAR PANELS



## Usage of LED BULBS/Power Efficient Equipment

Where consumption is higher, such as in the principal's chamber, laboratories, and staff rooms, LED- based energy conservation was implemented, occupancy LED lights indicate indoor activity at a specific location. By shutting off the lights as soon as the last person leaves the room, they both offer convenience and conserve energy. The placement

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of the occupancy LED must ensure that they can detect occupant activity across the whole building.

One benefit of having more daylight throughout the daytime in our institute's buildings is that it maximises visual comfort or uses less energy.



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SOUTHERN POWER DISTRIBUTION COMPANY OF TS LIMITED  
 HT C.C. Bill for the month of September 2023, Date: 01-Oct-23  
 PAYABLE ON OR BEFORE dated: 15-Oct-23 DISCONNECTION DATE: 30-Oct-23

Contracted MD (KVA/HP)	75	Consumer No.	SEC1841
Specified Voltage (KV)	11	Name	SAROJINI NAIDU VANITHA PHARMACY
Actual Voltage (KV)	11	ADDRESS1	H.NO.12-5-32,
Feeder : 185111440108 (CF)		ADDRESS2	VIJAYAPURI
Category	2A	ADDRESS3	TARNAKA

	KWH	KVAH	KVA	TOD1	TOD2
Reading On 30-SEP-23	212879.00	239382.00	18.74	40989.00	51857.00
Reading On 01-SEP-23	205043.00	230982.00		39545.00	50063.00
Difference ST:01	7836.00	8400.00		1443.00	1794.00
Multiplying Factor	2.00	2.00	2.00	2.00	2.00
Total Consumption	15672.00	16800.00	37.48	2886.00	3588.00
Monthly Minimum Units	1500.00		60.00		
Main Consumption	16442.00	Colony	0.00	L&F	0.00

	RATE	KVA/UNITS	AMOUNT Rs.
Demand Charges Normal	Rs.475	60	28500.00
Demand Charges Penal	Rs.950	0	0.00
Energy Charges	Ps.800	16442	144689.60
TOD Charges	Ps.100	6474	6474.00
Electricity Duty	Ps.6	16442	986.52
Colony Charges	Ps.730	0	0.00
L&F Charges	Ps.800	0	0.00
Green Energy Charges	Ps.0	0	0.00
FSA Charges			0.00

Supplier Name	NetKWH	KVA	TOD	Sub Total	180650.12
				Cust Charges	2000.00
				ACD SCHG	0.00
				UI Charges	0
				CS Surcharge	0.00
				Adnl.SCHG DA	0.00
				Late Pmt Chrg	0.00
				Interest on ED	0
				Incentive TOD1	-3108.00
				Incentive TOD2	-1246.00
				Wheeling Charges	0
				Transmission Charges	0
				Other Charges-I	0.00
				Other Charges-II	0.00
				Gross Total	178296.00
				IT TCS U/s 206C(1H)	0.00
				Other Credit Adj.	
				Net Bill Amount	178296.00
				Total Arrears	0.00
				Total Amount Payable	178296.00

\*\*\*\*\*Net Meter(KWh) Details\*\*\*\*\*  
 Closing/Opening Reading : 52686/52507  
 Recorded Units : 358  
 Opening Balance Units:0  
 Cumulative Banked Units : 0

\*\*\*\*\*Arrears as on 30/09/23\*\*\*\*\*  
 C.C.Charge TCsonArrear IT TCS U/s 206C(1H)  
 Court Cases Rs. 0 0.00  
 Others Rs. 0 0.00  
 Total Rs. 0 0.00

Note: ACD Due for 2023-24 Rs. 0  
 One Lakh Seventy Eight Thousand Two Hundred and Ninety Six Only  
 Note: This bill is settled based on the provisions of inter state settlements.  
 If any short fall occurred in this bill due to the inter state Open Access provisions, the same will be levied in your future bills.

Note: PAY YOUR BILL THROUGH THE SBI A/C NO.SPDCPLPSEC1841  
 IFSC CODE: SBIN0004266

Senior Accounts Officer  
 OP.CIRCLE