



Telangana State Renewable Energy Development Corporation Limited TSREDCO

(A State Government Company)



**Telangana State Renewable Energy Development
Corporation Limited**

Regd. Office : D.No. 6-2-910, Visvesvaraya Bhavan, The Institution of
Engineers Building, Khairatabad, Hyderabad - 500 004. Telangana State, India.

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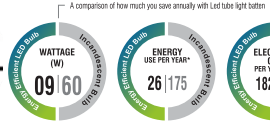


SUPPLY OF ENERGY EFFICIENT APPLIANCES ON AFFORDABLE PRICES

ENERGY EFFICIENT LED BULB 9W



ENERGY SAVINGS



Assumptions: Usage 9hours/day, for 365 Days a Year with Electricity Rate of ₹7/unit*
*Cost maybe varied as per actual cost per unit charge



FEATURES



Efficient
LED Chip



65% lesser power
consumption helps you
Save up to ₹ 1043 per year



Only 9W Power
Consumption



Wide operating
Voltage Range of
100 - 300 Volts



18 Months
warranty

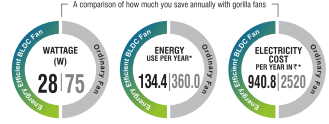


Efficacy
100lm/w

ENERGY EFFICIENT BLDC FAN 28W



ENERGY SAVINGS



Assumptions: Usage 10hours/day, for 300 Days a Year with Electricity Rate of ₹7/unit*
*Cost maybe varied as per actual cost per unit charge

FEATURES



Super energy
efficient
BLDC MOTOR



65% lesser power
consumption helps you
Save up to ₹1,500 per year



Only 28W Power
Consumption on
highest speed



Smart Remote
with boost, sleep and
timer mode options



Wide operating
Voltage Range of
140 - 285 Volts



Runs 3 Times Longer
on Inverter in Comparison
with ordinary fan



3 Years
of on-site
warranty

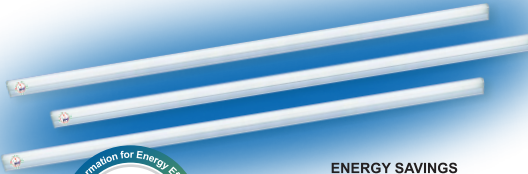


Rust Free
aluminium
bodies



Zero Heating of
motor results in
increased life of fan

ENERGY EFFICIENT LED TUBE LIGHT 20W (BATTEN)



ENERGY SAVINGS



Assumptions: Usage 9hours/day, for 365 Days a Year with Electricity Rate of ₹7/unit*
*Cost maybe varied as per actual cost per unit charge

FEATURES



Energy efficient
Aluminium
Batten



65% lesser power
consumption helps you
Save up to ₹679 per year



Only 20W Power
Consumption



Efficacy
100lm/w



Wide operating
Voltage Range of
110 - 250Volts

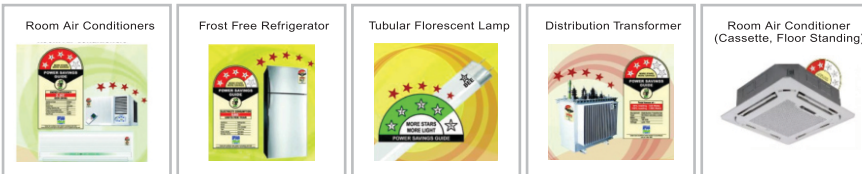


3 Years
warranty



Rust Free
aluminium bodies

BEE STAR LABELLED MANDATORY APPLIANCES



Energy Conversation implementation Key Highlights

- Telangana is the First state to Implement Energy Conversation Building Code (ECBC).
- Telangana State is the First State to Issue Cool Roof Policy.
- Telangana State has been achieved National Energy Conversation Award (NECA) 2nd position for implementation Energy Conservation and Energy Efficiency measures in the year of 2019, 2020-22 in the Country
- Telangana has the largest Municipal Solid waste to Energy Power Plant of 38.4 MW commissioned.

SOLAR ENERGY PROGRAMME:

Avail **SOLAR NET METERING** Get **ZERO Electricity Bill**

Avail Residential Subsidy on **SOLAR PLANT**
Get back your money within 36 months

- TSREDCO is offering subsidy on domestic solar grid tied, roof top systems along with 5 years warranty.
- The public can approach the TSREDCO office for installation of roof top systems.

Hassle-free 3 Steps Guide to avail Subsidy for Rooftop Solar Plant Installation:

Based on yearly consumption of your services, select the plant capacity

Choose the empanelled system integrator as per your choice, for the approved rates.

Make payment for net cost only to the System Integrator after deducting Subsidy portion as notified in TSREDCO Website.

Get the system installed and enjoy the benefits of Clean and Green Energy with Zero power bill.

I. The finalized prices in respect of 1-10 KWp Grid Connected Solar PV rooftop systems under individual houses

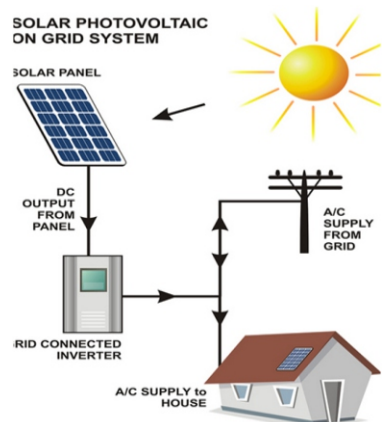
Sl. No.	Capacity of the RTS system	Total project cost as per the tender	Subsidy amount	Application fee (Inc GST)	Net Metering charges payable to DISCOMs (Inc.GST)	Net Payable by the consumer
1.	1 kWp	83,700	14,588	1180	2950	73,242
2.	2 kWp	1,44,000	29,176	2360	2950	1,20,134
3.	3 kWp	2,06,400	43,764	3540	2950	1,69,126
4.	4 kWp	2,59,600	51,058	4720	2950	2,16,212
5.	5 kWp	3,24,500	58,352	5900	2950	2,74,998
6.	6 kWp	3,89,400	65,646	7080	2950	3,33,784
7.	7 kWp	4,54,300	72,940	8260	2950	3,92,570
8.	8 kWp	5,19,200	80,234	9440	2950	4,51,356
9.	9 kWp	5,84,100	87,528	10620	2950	5,10,142
10	10 kWp	6,49,000	94,822	11800	2950	5,68,928

II. Subsidy amount of Rs.7294/- per kW for independent Common/Apartment Common/Group Housing/Gated Community

III. Net metering charges for LT service: Rs.2950/- for HT service: Rs.17700/- (including GST).

Solar Energy implementation Key Highlights

- Telangana stood first for consecutive three years i.e., 2016 -17 to 2018-19 for solar ground mount utility scale projects installation.
- Telangana has been awarded 2nd position in the country for highest off- grid solar roof top installations for the year 2016-17.
- Under “State Rooftop Solar Attractiveness Index–SARAL” Telangana state stood at second position with A + + Grade for the year 2019 by MNRE, GOI



ELECTRIC VEHICLES & CHARGING STATIONS

Shift To **ELECTRIC VEHICLES**,
Save your cost of transportation.



- **Telangana Electric Vehicle & Energy Storage Policy :** To make Telangana, a destination and hub for electric mobility business, Telangana Electric Vehicle & Energy Storage Policy 2020 - 2030 has been issued with suitable demand side and supply side incentives.

KEY HIGHLIGHTS

- TSREDCO is planning to setup 3000 EV Charging Stations by 2030.
- TSREDCO is installing 150 DC Fast Chargers in Hyderabad.
- A dedicated Mobile App (TSEV) is developed for operating the chargers. This app is available on Android & IOS.
- TSREDCO is installing 400 DC Fast Chargers throughout Telangana on highways and other cities other than Hyderabad for four wheelers & buses.
- Currently around 400+ EV Charging Stations are available in Telangana.

POTENTIAL BUSINESS OPPORTUNITIES IN ELECTRIC VEHICLE DOMAIN.

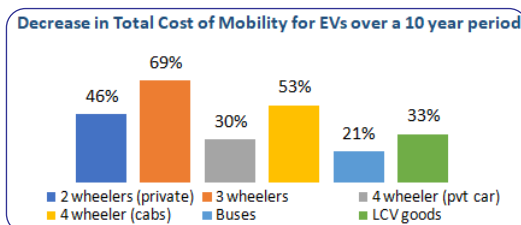
- Interested people to become charge point operators can registered with TSREDCO and obtain the locations for starting EV Charging Business on PPP mode
- People interested to provide land on revenue sharing basis for EV Charging Stations can approach TSREDCO.
- For single window clearances people may access (www.tsev.telangana.gov.in) for fast track approvals.
- For agencies interested to enter into electric fleet business can register with TSREDCO.

Vehicle Category		Increase in Capex Cost for EV	Yearly Savings in Opex Cost for EV	Savings in Total Cost of Mobility in 10 years for EV
2W		28,850	13,477	105,916
3W		69,100	85,800	788,900
4W (pvt)		169,243	69,053	521,288
4W (Cab)		171,600	196,313	1,791,525
Bus		16,578,500	2,623,950	9,661,000
LCV		460,000	109,875	638,750

“Electric Vehicle reduces yearly operational costs by 70% to 80%”

Electric Vehicle implementation Key Highlights

- Telangana is the first state to implement Ceiling of service installed under central / State grant funds i.e., Rs. 12.06/kWh + Applicable GST for EV Charging Stations.
- TSREDCO has developed a TSEV Mobile App & Web application for operating EV Charging Stations installed in the entire State.
- A single Window Mechanism is established for processing fast-track approvals.



TSREDCO DECADE ACHIEVEMENTS AT A GLANCE

SOLAR ENERGY				
Name of the Program	Category	Status as on 2014	Status as on 2023	Annual Savings towards Power bill (Rs in Crores)
Solar Off Grid Systems	Govt Buildings	0.45	0.977	0.36
	Domestic/ Institutional	0.27	5.695	3.98
	Commercial	0	0.093	0.65
Solar On Grid Systems	Govt Buildings	0	17.658	12.36
	Domestic/ Institutional	0.003	57.19	40.03
	Commercial	0	230.53	161.37
Solar Ground Mount	Utility Scale under PPA	64.19	3808.29	-

OTHER RENEWABLE ENERGY PROJECTS				
Name of the Program/Scheme	Category	Status as on 2014	Status as on 2023	Key Highlights
Other Renewable energy Programs	Wind	0	128.1	
	Municipal Solid Waste	0	38.4	

ENERGY CONSERVATION				
Name of the Program/Scheme		Qty in nos		Energy Savings in MU's per Annum
		Status in 2014	Status in 2023	
Under Demonstration program in SPEED, MEEVC Schemes, Replacement of existing old Fans, Tube Lights & Bulbs with Energy Efficient appliances in various Govt Buildings across Telangana State	28Watt, BLDC Fans	0	22470	5.78
	20 Watt, LED Tube Lights	0	26732	4.68
	9Watt, LED Bulbs	0	5341	1.49
	15W/ 18W/ 30W/36 W, LED Street Lights	0	1474	0.29
Promotional Sales of Energy efficient appliances to the general public at affordable prices	28Watt, BLDC Fans	0	21887	5.63
	20 Watt, LED Tube Lights	0	9232	1.61
	9Watt, LED Bulbs	0	1759659	491.34
Supply & Installation of Energy Efficient LED Street Lights	Gram Panchayats	0	127702	23.49
	GHMC	0	527984	97.12
	ULBs & Others	0	988211	181.79

ELECTRIC VEHICLES				
Name of the Program/Scheme		Capacity in MW		Key Highlights
		Status in 2014	Status in 2023	
Setting-up of Electric Vehicle Charging Stations at avrious Govt Buildings in Hyderabad	DC Fast Chargers	0	10	1 Hr charging Time
	AC Slow Chargers	0	20	6-8 hrs charging time
Setting-up of Electric Vehicle Public Charging Stations in Hyderabad	DC Fast Chargers	0	239	1 Hr charging Time
	AC Slow Chargers	0	35	6-8 hrs charging time
Setting-up of Electric Vehicle Public Charging Stations rest of Telangana	DC Fast Chargers	0	77	1 Hr charging Time
	AC Slow Chargers	0	29	6-8 hrs charging time
Sales of EV Vehicles in the state	2 Wheelers	0	57603	100-150 KM range
	3 Wheelers	0	3401	120-140 KM range
	4 Wheelers	0	7338	200-500 KM range
	Buses	0	50	300KM range



TSREDCO District Offices

District Office Address for :

Adilabad, Nirmal, Macherial, Komram Bheem Asifabad Distts.
Plot No. B75, Old Housing Board Colony,
Beside T.T.D. Kalyana Mandapam, Adilabad - 504001.
Ph. No. : 08732 - 226796 / 8886775533

District Office Address for :

Karimnagar, Peddapalli, Jagityal, Rajanna Siricilla
H.No. 2-8-191, Back side of R&B Guest House,
Mukurumpura, KARIMNAGAR - 505 002
Ph.No. : 08782 261798 / 63049 03918

District Office Address for :

Khammam, Bhadradi Kothagudem
DRDA Office, 2nd Floor, Samkshema Bhavan,
Bus Depot Road, Burhanpuram,
KHAMMAM - 507 001
Ph.No. : 08742 228904 / 6304903919

District Office Address for :

**Mahabubnagar, Narayanpet, Rajan Kurnool,
Wanaparthi, Jogulamba Gadwal**
H.No. 1-3-151/E/16, 2nd Floor,
Besides Dr. A.V. Laxmareddy Hospital,
Rajendranagar, Mahabubnagar - 509 001
Tel.No. : 08542 - 24889 / 63049 03920

District Office Address for :

Nalgonda, Suryapet, Yadadri Bhuvanagiri
H.No. 6-4-93/5, Market Yard Beet Market,
NALGONDA - 508 001
Ph. No. : 08682 224447 / 63049 03923

District Office Address for :

Nizamabad, Kamareddy
H.No. 6-2-80, Subash Nagar,
Near Radhakrishna Theatre,
NIZAMABAD - 503 002
Ph.No. : 08462 237724 / 63049 03924

District Office Address for :

Ranga Reddy, Hyderabad, Medchal Malkajgiri
H.No : 3-2-207, Plot No. 110,
Ground Floor, Venture - II, SBH Colony,
Near Little Flower School, 2nd Left,
L.B. Nagar, (R.R. DIST),
HYDERABAD - 500 074
Ph. No. : 24036869 / 63049 03938

District Office Address for :

Sanga Reddy, Vikarabad
New Collectorate Building,
SANGA REDDY - 502 001,
Ph. No. : 08455 276564 / 63049 03925

District Office Address for :

Siddipet, Medak
District Youth & Sports Office,
Green Field Stadium,
Beside Govt, Degree College,
Siddipet (M), Siddipet District
Ph.No. : 63049 03922

District Office Address for :

**Warangal (U), Warangal (R), Jangaon,
Jayashakar Bhupally, Mahabubabad, Mulugu.**
H.No. 2-5-725, Subedari,
Near Employment Exchange
Hanumakonda - 506 001.
Warangal Dist.
Ph. No. : 0870 2578613 / 77997 21418 / 63049 03927