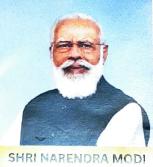
# SHRI MANOJ SINHA HON'BLE LG OF JAMMU & KASHMIR

# MY TOWN MY PRIDE

**Grid-Connected Rooftop Solar Power Plants** under MNRE, Gol's Phase - II Rooftop Solar Scheme



HON'BLE PRIME MINISTER OF INDIA

Under Ministry of New & Renewable Energy (MNRE), Gol's Phase - II Rooftop Solar Scheme. Domestic Electricity Consumers across the U.T can install Rooftop Solar Power Plant at Subsidized Rates (1-10 kW Capacity) JAMMU SOLAR CITY MISSION: 200 MW; OTHER TOWNS OF U.T: 20 MW

#### **How Net Metering Works Photovoltaic Solar Example** The Solar Energy Solar panels produced is directly used convert energy in your home and excess from the sun energy gets exported to into electricity grid Energy used in your home from the electrical grid

An inverter converts the electricity produced by the solar panels from direct current (DC) to alternating current (AC) for use in your home

A bi-directional meter measures energy used and excess energy produced

Excess energy from your solar panels not used in your home goes back to the electrical arid



# For more details/queries contact during office hours

#### SRINAGAR

Tawanai Ghar, SDA Colony, Bemina, J&K-190018 99069 63088 70065 63156



#### JAMMU

55-B/B Gandhi Nagar, Jammu, J&K, 180004 94191 72600 94692 99499

# RATES OF SOLAR POWER PLANTS

Project Capacity	Project Cost	J&K UT Subsidy	MNRE Subsidy	Beneficiary Share	Net Subsidy %
1 kW	₹ 58,739	₹ 14,685	₹ 23,496	₹ 20,558	65
2 kW	₹ 1,07,990	₹ 26,998	₹ 43,196	₹ 37,796	65
3 kW	₹ 1,57,781	₹39,445	₹ 63,112	₹ 55,224	65
4 kW	₹ 2,05,236	₹ 51,309	₹ 71,833	₹ 82,094	60
5 kW	₹ 2,56,545	₹ 64,136	₹ 82,094	₹ 1,10,315	57
6 kW	₹ 3,07,854	₹ 76,964	₹ 92,356	₹ 1,38,534	55
7 kW	₹ 3,59,163	₹ 89,791	₹ 1,02,618	₹ 1,66,754	53.6
8 kW	₹ 4,10,472	₹ 1,02,618	₹ 1,12,880	₹ 1,94,974	52.5
9 kW	₹ 4,61,781	₹ 1,15,445	₹ 1,23,142	₹ 2,23,194	51.7
10 kW	₹ 5,13,090	₹ 1,28,273	₹ 1,33,403	₹ 2,51,414	51

## **SALIENT FEATURES**

- Powering your homes with Clean Solar Energy.
- Savings in Monthly Electricity Bills (lifetime).
- Occupies only 80-100 sq. fts Roof Area per KW.
- Generates 120-140 units of Energy per KW per month on an average.
- Saves approx. Rs 500/- per KW per month in electricity bills.
- Offsets about 0.73 tons of Carbon Emission annually per kW which is equivalent to planting 33 trees.
- Reduces the burden on the Power Distribution Transformers as the energy is produced at the consumers end, thus prevents frequent faults in transformers.
- Supplements Energy generation which in turn reduces power curtailment hours.
- Customization of the Solar Power Plants as per consumer's energy requirement to completely off-set the monthly electricity bills.

### **Registration for Rooftop Solar**

- Consumers can apply online through the web portal <a href="https://jk.ahasolar.in">https://jk.ahasolar.in</a>
- Installation of Rooftop Solar Systems allowed only through JAKEDA empanelled vendors to avail subsidy.
- Beneficiary share to be deposited in CEO, JAKEDA account only.

All of us have to come together in reducing the carbon emission