

PEACOCK SOLAR

POLICIES FOR RESIDENTIAL AREAS

States Covered in this Presentation:

- Maharashtra
- Rajasthan
- Gujarat
- Karnataka
- Madhya Pradesh
- Andhra Pradesh
- Uttar Pradesh

Net Metering for Maharashtra

Size:

- Up to 1 MWp; with variation of 5%

Voltage levels:

- 230 / 240V: Up to 8 kWp maximum
- 400 / 415V (3 Phase):
 - a. For Metropolitan Area: Above 8 to 150 kWp maximum
 - b. For Other Areas: 8 to 80 kWp
- 11 kV and Above Level:
 - a. For Metropolitan Area: Above 150 to 1000 kWp max
 - b. For Other Area: 80 to 1000 kWp

Conditions:

- 100% of the customers' Sanctioned Load.
- The cumulative capacity of all the solar systems installed in an area shall not exceed 40% of distribution transformer capacity in the respective area.
- The HT consumers (11 KV and above) may install and connect the Rooftop Solar PV systems at their LT bus bar system.
- In this case, the Net Meter shall be installed on the HT side of the Transformer.

Ownership options:

- Self ownership according to **CAPEX** model.
- Third party ownership according to **RESCO** model.

Billing mechanism:

- Annual [April to March]
- Any adjusted electricity credits shall be paid as per the rates notified by **MERC**.

Miscellaneous:

- Approval for installing the Rooftop Solar PV System shall be conveyed by **MSEDCL** upon 7 working days of feasibility study.
- The approval shall be valid for a period of 6 months from the date of approval.
- Testing and commissioning of the system shall be completed within 10 working days by **MSEDCL**.
- **MSEDCL** shall install the Net Metering equipment and synchronise the Rooftop Solar PV System within 10 days after testing and commissioning.

Net Metering for Rajasthan

Size:

- Minimum 1 kWp
- Maximum 1 MWp

Voltage levels:

- 240 (Single phase): Up to 5 kWp maximum
- 415 (Three phase): 5 – 50 kWp maximum
- HT/EHT Level: > 50 kWp maximum

Conditions:

- $\leq 80\%$ of your sanctioned load.
- The cumulative capacity of all solar systems installed in your area shall not exceed 30% of Local Distribution Transformer Capacity.

Ownership options:

- Self ownership according to **CAPEX** model.
- Third party ownership according to **RESCO** model.

Billing mechanism:

- Annual [April to March]
- Net energy credits less than 100 units achieved in the particular billing period will be adjusted in next billing period until credit of 100 units is achieved.

Miscellaneous:

- Exemption from banking, wheeling and cross subsidy charges.

Net Metering for Gujarat

Size:

- Minimum 1 kWp
- Maximum 1 kWp

Voltage levels:

- Up to 6 kW, 230 V (Single Phase)
- Above 6 kW and up to 100 kW, 415 V (Three Phase)
- Above 100 kW, 11 kV (Three Phase) (HT)

Conditions:

- Cumulative capacity of all Solar Systems installed in your area shall not exceed 100 % of distribution transformer capacity in your area.

Ownership options:

- Self ownership according to **CAPEX** model.

Billing mechanism:

- Annual [April to March]
- Any unadjusted electricity credits shall be paid as per the rates notified by **GREC**.

Miscellaneous:

- Exempted from Transmission Charge, Transmission Loss, Wheeling Charge, Cross Subsidy, Surcharge, Electricity Duty.

Net Metering for Karnataka

Size:

- Minimum 1 kWp
- Maximum 1 MWp

Limits on kW:

- HT Consumers: Up to 1 MWp
- LT Consumers (Single Phase): up to 5 kWp
- LT Consumers (Three Phase): Above 5 kWp tp 50 kWp

Conditions:

- $\leq 150\%$ of the total Sanctioned Load

Ownership options:

- Self ownership according to **CAPEX** model.
- Third party ownership according to **RESCO** model.

Billing mechanism:

- Annual settlement
- All electricity injected in the grid shall be paid at applicable tariff rates.

Miscellaneous:

- Exempted from wheeling, banking, cross subsidy charges if applicable.

Net Metering for Madhya Pradesh

Size:

- Up to 1000 kWp

Voltage levels:

- 230 V (Single Phase): Up to 3 kWp maximum.
- 400 V (Three Phase): Above 3 to 112 kWp maximum.
- 11 kV (HT): Above 112 to 300 kWp
- 33 kV (HT): Above 300 kWp

Conditions:

- Cumulative capacity of all Solar Systems installed in your area shall not exceed 30 % of distribution transformer capacity in your area.

Ownership options:

- Self ownership according to **CAPEX** model.
- Third party ownership according to **RESCO** model.

Billing mechanism:

- Annual [April to March]
- Any unadjusted electricity credits shall be paid as per the rates notified by **MPERC**.

Miscellaneous:

- Exempted from banking, wheeling, cross-subsidy surcharges & electricity duty, no liability of property tax.

Net Metering for Andhra Pradesh

Size:

- $\leq 1 \text{ MW}_p$

Voltage levels:

- Up to 56 kW, LT Level
- Above 56 kW to 1 MW, HT 11/33 kV

Conditions:

- Cumulative capacity of all Solar Systems installed in your area shall not exceed 60 % of Local Distribution Transformer Capacity in your area at LT Level and 100% at HT Level.

Ownership options:

- Self ownership according to **CAPEX** model.
- Third party ownership according to **RESCO** model.

Billing mechanism:

- Half yearly.
- Any unadjusted electricity credits shall be paid as per the rates notified by **APERC**.

Miscellaneous:

- No distribution losses and charges centres.

Net Metering for Uttar Pradesh

Size:

- Minimum 1 kWp
- Maximum 2 MWp

Voltage levels:

- Low Voltage (Single Phase): Up to 5 kWp maximum.
- 415 V (Three Phase): 5 to 50 kWp maximum
- 6.6 / 11 kV: 50 to 2000 kW / kVA
- 11 / 33 / 66 kV Level: 2 MW to 5 MW

Conditions:

- ≤ 100 % of Sanctioned Load
- Cumulative capacity of all Solar Systems installed in the area shall not exceed 75 % of Local Distribution Transformer Capacity.

Ownership options:

- Self ownership according to **CAPEX** model.
- Third party ownership according to **RESCO** model.

Billing mechanism:

- Annual settlement
- Any net electricity in the grid shall be paid at rates decided by **UPERC**.
- Reconciliation rates for excess power fed in the system at the end of settlement period is increased to Rs 2 / unit from Rs 0.5 / unit.

Miscellaneous:

- Exempted from banking, wheeling, cross-subsidy surcharges if applicable.
- Only for installations greater than 10 kW, approval from State Electricity Inspector is required.