

# SOLAR PV ENERGY GENERATION SYSTEMS REGULATIONS

## GISS 2021 - FOR DOMESTIC CONSUMERS

### ELIGIBILITY

Domestic consumers - residential (LA1A) and common service connection in multi tenements (LA1D, LA1E) in Tamil Nadu

### SYSTEM CAPACITY LIMITS

Up to the sanctioned load/contracted demand of your service connection.

### TECHNICAL / SAFETY REQUIREMENTS :

For system capacity less than 10 kW : No certificate is required

For system capacity more than 10 kW : Four certificates from Class A officer of Electrical Inspectorate :

- Safety certificate for **Lift / Elevator** (if applicable)
- Safety certificate for **Diesel Generator** (if applicable)
- Safety certificate for **SPV system**
- **Building Stability** certificate

### BILLING MECHANISM

Uses a **bi-directional meter**

**Net metering : Your bill = (Imported units) – (Exported units)**

If you export more than you import, surplus lapses at financial year-end

More economical and beneficial to consumers

### NETWORK CHARGES

Calculated for total generation of the SPV system: ₹ 1.59 / kWh (2024-2025)

For Domestic : 80% discount (upto 10kW), 25% discount for capacity more than 10kW



**CAG**

Citizen consumer and civic Action Group

Citizen consumer and civic Action Group  
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# SOLAR PV ENERGY GENERATION SYSTEMS REGULATIONS

## GISS 2021 - FOR COMMERCIAL CONSUMERS

### ELIGIBILITY

All category consumers except hut / agriculture

### SYSTEM CAPACITY LIMITS

Up to the sanctioned load/contracted demand of your service connection.

### TECHNICAL / SAFETY REQUIREMENTS :

**For system capacity less than 10 kW :** No certificate is required

**For system capacity more than 10 kW :** Four certificates from Class A officer of Electrical Inspectorate : Safety certificate for Lift / Elevator (if applicable); Safety certificate for Diesel Generator (if applicable); Safety certificate for SPV system; Building Stability certificate

### BILLING MECHANISM

Net Billing / Net Feed in : Applicable to all category except hut / agriculture

- Imported energy (at retail rate) minus exported energy (at feed-in tariff)
- Net credits carry over or can be paid out towards the year-end

### NETWORK CHARGES

Calculated for total generation of SPV system: Rs. 1.59 / kWh (2024-2025)

### FEED-IN TARIFF

- Imported energy charged at retail tariff; exported energy credited at feed-in tariff. Feed in tariff by capacity range: 1-10 kW @ Rs. 3.61 / kWh
- 11-150 kW @ Rs. 3.37 / kWh
- 151-999 kW @ Rs. 3.10 / kWh



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