

### Roof top Solar:

TNPDCL is at present adopting Hon'ble TNERC's Generic Tariff Order for Grid interactive PV Solar Energy Generating System (GISS) Order No.8 of 2021 dated 22/10/2021. As per the above order Net-metering is adopted for domestic consumers and Net-feeding is adopted for all other category of L.T Consumers. In respect of H.T consumers, solar capacities under 1 – 999 kw are under net-feeding methodology and for solar capacities more than 1 MW, approvals are accorded for operating the solar PV plants under parallel operation mode by providing reverse power relays.

#### Highlights of Generic Order on GISS

| Category                           | Eligibility           | Metering Mechanism |             |                | Net Work Charges                                                            | Feed in Tariff |                |                |
|------------------------------------|-----------------------|--------------------|-------------|----------------|-----------------------------------------------------------------------------|----------------|----------------|----------------|
|                                    |                       | Net Metering       | Net Feed-in | Gross Metering |                                                                             | 0-10 kW        | 11-150 kW      | 151-999 kW     |
| Domestic LT Category               | Up to sanctioned load | ✓                  | ✓           | ×              | <b>20% of Rs.1.6</b> ( up to 10 kW);<br><b>75% of Rs.1.6</b> ( above 10 kW) |                |                |                |
| Other than domestic category in LT | Up to sanctioned load | ×                  | ✓           | ×              | <b>Rs.1.6</b> per kWh on total generation                                   | <b>Rs.3.61</b> | <b>Rs.3.37</b> |                |
| Consumers of more than 150 kW      | 151-999 kW            | ×                  | ✓           | ✓              | <b>Rs.1.04</b> per kWh for Net Feed-in. No charges for Gross Metering       |                |                | <b>Rs.3.10</b> |
| Generator other than consumer      | 151-999 kW            | ×                  | ×           | ✓              | <b>Nil</b>                                                                  |                |                |                |

### Billing Methodology:

#### Net Metering:

Energy exported is deducted from energy imported in units to arrive at the net imported or exported energy. The net imported or exported energy is billed or credited or carried over on the basis of retail tariff.

#### Net billing Feed-in-Tariff:

The monetary value of the imported energy is debited at retail tariff; The monetary value of exported energy is credited at feed-in tariff.

The monetary value of the exported energy is deducted from the monetary value of imported energy to arrive at the net amount to be billed.

#### Gross Metering:

Gross metering involves selling entire solar energy generated to licensee. The exported solar energy is credited at the feed in tariff.