

**TAMIL NADU GENERATION AND DISTRIBUTION CORPORATION LTD.
(Technical Branch)**

144, Anna Salai,
Chennai – 2.

Memo.No.CE/Coml/SE/EE-2/AEE-2/F-Solar NFI/D 322/19, Dt. 15.11.2019

Sub: TANGEDCO- Tamil Nadu Solar Energy Policy – 2019 – Order on rooftop solar generation by TNERC- Implementation of Solar net feed – in services – Additional working instructions issued – Regarding.

Ref: (i) Hon'ble TNERC's Order No.03 of 2019, dt.25.03.2019.
(ii) Memo.No.CE/Comml./EE/R&C/AEE1/F.Solar NFI/D.099/19, dt.10.05.2019.
(iii) Memo.No.CE/Comml./SE/EE/R&C/AEE1/F.Solar/NFI/D.118/19, dt.21.05.2019.

Based on the representation received from Tamil Nadu Solar Energy Developers Association, Chennai regarding the issues related with implementation of solar rooftop systems, the following working instructions are hereby issued in addition to the working instructions already communicated vide reference (ii) and (iii) cited above for strict adherence:

1. The following time schedule shall be adhered to in registering and processing the applications.
 - (i) Intimation/approval is to be sent to consumer about feasibility analysis of Distribution Transformer within 3 working days from the date of registration of application.
 - (ii) Safety inspection is to be carried out within 5 working days from the date of readiness intimation of the consumer.
 - (iii) Safety certificate is to be issued within 3 working days from the date of inspection.
 - (iv) After signing the agreement, the solar PV installations are to be connected to the grid within 3 weeks from the date of registration of application for the services involving no extension work, 60 days for the services involving extension and improvement without Distribution Transformer and 90 days for the services involving extension and improvement with Distribution Transformer.
2. Safety certificate is not necessary to register the applications, but the same is to be insisted after the readiness reported by the consumer on completion of installation.

3. The existing procedures followed for new applications need to be adhered to for the applications for additional solar capacity.
4. In the instructions cited under reference (ii) & (iii) above, it has been instructed not to insist installation of solar generation meters in all the categories of consumers until further instruction. The same shall be adhered.
5. In view of the provision in the Order of TNERC cited under reference (i) above for solar rooftop installations only, considering safety aspects, solar rooftop installations alone can be installed and not the solar panels in ground/ in the available space around the building.
6. The inverters can be placed in the same building of the solar rooftop installation in the same premises and it is not necessary to insist the consumer to place the inverter near the service connection meter.
7. Multiple inverters may be allowed, provided the inverters are placed in the same building of the solar rooftop installation in the same premises ensuring the following:
 - (i) Usage of single phase inverters for single phase service connections and three phase inverters for the three phase service connections.
 - (ii) The capacity of the installed solar generating plant shall not exceed the sanctioned load for all categories of services including domestic services.
 - (iii) The capacity of inverter and the capacity of the solar rooftop generating plant shall be the same and this may be checked before effecting the solar net feed in services.
 - (iv) The aggregate capacity of the inverters is the same as that of the total solar rooftop generating capacity and the same shall be within the sanctioned demand.
8. Insisting space of 4meters X 4meters for Low Tension Service Connections in storied buildings having floor area 900 square meters and above as stipulated in the Terms and Conditions of Supply and as per Tamil Nadu Electricity Distribution Code is applicable for new services. TANGEDCO need not insist for space for housing a transformer when the

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solar connectivity is applied in old buildings with 900 square meter capacity or more.

9. Issues of consumers and developers regarding implementation of solar rooftop net feed-in services brought to the notice of the concerned Superintending Engineer EDC shall be sorted out then and there. Also, any issues brought before the monthly Grievance Meetings may be settled immediately.
10. In order to impart awareness to the latest Tamil Nadu Solar Energy Policy 2019, and the subsequent working instructions issued thereon to the field officials, periodical workshops and training classes on the Solar Policy, Tariff Order, net feed-in mechanism and the procedures for implementing the Solar net feed-in connectivity shall be arranged to all the Assistant Executive Engineers by the Executive Engineer/Technical in all the Regions of the Chief Engineers/Distribution in future to implement the solar net feed-in connectivity effectively and efficiently.

Receipt of this memo may be acknowledged.

[BY ORDER OF DIRECTOR DISTRIBUTION].

CHIEF ENGINEER/COMMERCIAL (a/c).

To

All the Chief Engineers/Distribution/Region,
Copy to all the Superintending Engineers/EDC,
Copy submitted to the CMD/TANGEDCO,
Copy submitted to the JMD/TANGEDCO,
Copy submitted to the Director/Distribution,
Copy submitted to the Director/Generation,
Copy submitted to the Director/Finance/TANGEDCO,
Copy to the Chief Engineer/Planning & RC,
Copy to the Chief Engineer/NCES,
Copy to the Chief Engineer/IT,
Copy to the Chief Financial Controller/Revenue,
Copy to the Chief Financial Controller/General.