

TAMILNADU GENERATION AND DISTRIBUTION CORPORATION

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To
All Chief Engineer's/Distn /Region &
Superintending Engineer/EDCs

Lr.No.CE/MM/SE/MM-II/EE/M/AEE1/F.Consumer-Meter/D.26/24, dt :22.02.2024.

Sub : MM-II – Meter Division-Acceptance of consumer meters against the **non availability of TANGEDCO Meters**- Procedures to be adopted- Regarding

Ref : 1)CMD/TANGEDCO's Approval dt 28.12.23 & 05.02.24
2)DD/TANGEDCO's Approval dt 19.02.24

In order to overcome the scarcity of meters for effecting new service connections, approval has been accorded for purchasing consumer meters. In this regard, it is to be stated that **empanelment of the meter manufacturers is under process. After due empanelment, the same would be intimated so as to give wide publicity to the consumers through local dailies and displaying the same in all the section offices.** Now, it is to be intimated that,

- 1.The list of empanelled vendors would be decided after the payment of Empanelment Charges by the approved vendors.
- 2.The list of empanelled vendors and the point of sale would be intimated from MM wing later.
- 3.The empanelled vendors would move the meter to the point of sale only after the approval by the Undersigned and due inspection of MRT wing of TANGEDCO at the premises/laboratory of empanelled vendors. During such inspection, the serial nos. of meters inspected and approved would be noted by TANGEDCO. Only such inspected meters should be accepted for TANGEDCO services.

Hence all the regional Chief Engineers' & Superintending EDCs' are requested to instruct the officers under their control,

- 1.To accept consumer meter, only if there is no stock of TANGEDCO meters.
- 2.The non availability of the stock to be ensured from MM wing of Head Quarters before accepting the consumer meters.

Further, While accepting the consumer meters from the empanelled vendors against the **non availability of TANGEDCO Meters**, the following modalities has been proposed to be observed as detailed below.

1.The firms would sell meters at all inclusive rate of respective P.O. as mentioned below.

Price of meters :

Sl.No .	Description of meters	Unit price in Rs.
1.	LT Single Phase Two Wire DLMS Compliance (5-20 AMPS) Static Watt Hour Meters (Category-C3) of Class 1.0 Accuracy (Programmable as bidirectional)	Rs. 970/-
2.	LT Three Phase Four Wire DLMS Compliance (10-60 AMPS) Static Watt Hour Meters (Category-C2) of Class 1.0 Accuracy (Programmable as bidirectional)	Rs. 2610/-
3.	Three Phase four wire DLMS compliance 20-100A Static Watt Hour Meters cat C2 of class 1.0 accuracy (Programmable as Bi-Directional Meter)	Rs. 8000/-
4.	Three phase four wire 240V, -/5A LTCT Operated Smart Energy Meters of Class 0.5s Accuracy cat D3	Rs. 7481.20/-
5.	Three Phase Four Wire 110V (ph-ph) / 5A HT TOD STATIC Energy Meters of Class 0.2s accuracy DLMS Compliance category "C", ABT with Bi-Directional features.	Rs. 28500/-
6.	HT Three Phase four wire 110V/5A DLMS compliance 0.2s class ACCURACY cat B ABT Meters.	Rs.27400/-

2.0 The testing procedure before acceptance of meters is as below:-

2.1 The above approved manufacturers have to offer minimum bulk quantity of serially numbered (i.e. 100 or 200 Nos.) for inspection. The same has to be tested (Acceptance test) by our MRT Engineers as is being done for the POs placed by TANGEDCO. The Inspection Engineer should initially verify whether the meters offered for inspection are ultrasonically welded.

During testing, besides witnessing the acceptance test one sample meter chosen from the lot should undergo destructive test to confirm the cover open tamper. The meter cover should be opened forcibly and to be confirmed whether cover open tamper is recorded.

The sealing report / Acceptance test report and the destructive test result has to be communicated to all the regional Chief Engineers by the inspecting official / firms concerned. It would be superscribed as "**Purchased by Consumer**" in the name plate of the meters.

2.2 After testing the firms have to make available the tested meters at their own outlets or any of their dealers for purchase of meters by the consumers. On despatch of the tested meters to their dealers, the firm has to send a detailed report consisting of the address of their outlets, quantity along with serial nos. The report has to be communicated by the firm to all the Distribution Chief Engineers and also to MM Wing.

2.3 The firms would be informed to make available their tested meters in atleast in two circles per region so that the consumers can easily access their outlets.

2.4 The consumer can directly purchase the meter and hand over the same to their respective section officer along with the copy of the invoice and routine test report furnished by the firm along with the meter.

2.5 The section officer in turn has to hand over the meter to the MRT Wing. The MRT Engineer has to initially check whether the meter supplied by the consumer is ultrasonically welded. Then, functioning of the meter may be ensured (by conducting lamp test, load check etc.,) besides confirming the recording of cover open tamper count by MRT officials before sealing to ensure the fact that the meter has not suffered any damage during transport or any other meddling.

2.6 Meter assessment number may be assigned to the consumer meter and a separate register is to be maintained at MRT. The MRT Wing should have the safe custody of the test reports.

2.7 The sealed meters has to be handed over back to the section officer for effecting the service.

2.8 The service may be effected based on the priority of payment. Among the above applicants who have opted to purchase the meters themselves, a separate seniority may be maintained based on the date of handing over of the meter to the section officer by the consumer. The section officer has to issue the dated acknowledgement to the consumer for having received the meter.

2.9 The meters supplied by the empanelled vendors to the outlets may be subjected to the tests by the utility at random or on challenge by any competitor or consumer at their respective cost.

2.10 If the meter supplied by the consumers fails within the Guarantee period, the section officer concerned has to remove the meter and hand it over to the consumer for replacement. The consumer has to approach the concerned dealer and the dealer has to replace the defective meter with the healthy meter from the ready stock. The same has to be handed over to the section officer by the consumer. The section officer in turn has to hand over the meter to MRT for testing and sealing as done for the new meter supplied by the consumer.

The company has to issue a healthy meter within 7 days or else the TANGEDCO will replace the meter from existing stock duly deducting the cost of the meter as per the invoice of the respective consumer from the amount Rs.2 Lakhs proposed to be obtained as empanelment charges / guarantee by MM Wing. If the amount so available gets exhausted then the firm would have to pay again another 2 lakhs to continue to remain in the list of empanelment.

2.11 The percentage of defects of any individual firm should not exceed 0.5% per 6 months till the Guarantee Period for the total supply. The poor performance of such firms would be accounted and de-empanelled from the list of firms for a minimum period of 2 years. Communication regarding the de-empanelment of the firm will be informed to the company 15 days in advance and also published in the TANGEDCO website. The above de-empanelment will be informed to all the section officers and other offices of TANGEDCO.

Hence the Chief Engineers / Distribution are requested to send a fortnightly return regarding the details of the defective meters supplied by the consumers. The format would be framed and communicated separately.

3.0 The firms would sell the meters to the consumers directly at all inclusive rate of respective P.O.

4.0 The consumers may be informed through local dailies and all ways possible regarding the procedure to be followed for accepting the meters from the consumers. Apart from this a wide publicity has to be given by displaying the procedures as discussed in para 2.8 above in all section offices and other offices of TANGEDCO.

The empanelled firms will be requested to arrange to open their outlets atleast 2 in each region and on receipt of reply from the firms, the addresses of their outlets would be intimated separately by the Chief Engineer/Material Management accordingly.

The above procedures has to be brought to the knowledge of all the officers and staff of their region.

The said instructions should be adhered strictly without any deviation. Any lapses noticed in future, concerned officer will be held responsible.

Sdxxx
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