

TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED
VIDYUT SOUDHA :: HYDERABAD-82.

AP Transco – Commercial – Energy Billing Centre – Testing of Energy meters of Generators, T-D Boundary meter points and Consumers – Instructions accorded.

T.O.O (CE/Comml./AP Transco) Rt.No. 537

Dt: 23-03-2010.

- Ref: 1. Note from CE/Comml./AP Transco, dt:23-07-2009.
2. Note from CE/Comml./AP Transco, dt:06-08-2009.
3. Memo No. CGM(HRD&Trg)/DE/DC/178-P1/2009-15 dt.23.10.2009.

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Chief Engineer/Commercial/AP Transco has submitted vide the references 1 and 2 cited above, the proposal for verification/checking procedure of Energy meters of Generators, T-D Boundary meter points and Consumers.

After careful consideration of the proposal of CE/Commercial/AP Transco, the AP Transco accords the following instructions for verification/checking of the Energy meters of Generators, T-D Boundary meter points and Consumers.

1. All the Energy meters pertaining to all Generators who are directly connected to Grid (132 KV level & above) shall be checked and tested once in a year by concerned MRT Division/AP Transco in the presence of concerned M&P Division/Discom and respective representative of Generator.
2. All the Energy meters pertaining to all Generators who are injecting power below 132 KV level shall be checked and tested once in a year by concerned M&P Division/Discom in the presence of concerned MRT Division/AP Transco and respective representative of Generator.
3. All the Energy meters pertaining to T-D Boundary Meter points (must be provided with Special energy meters main & check) and EHT consumers meter points at EHT Sub stations shall be checked and tested once in a year by the concerned MRT Division/AP Transco in the presence of M&P Division/Discoms.
4. All the Energy meters pertaining to EHT consumers at consumer end directly connected to Grid (132 KV level & above) and all billing meters of EHT consumers in EHT Sub station premises shall be checked and tested once in a year by the concerned M&P Division/Discoms in the presence of MRT Division/AP Transco and respective consumer representative.

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5. The periodicity of checking and testing of the energy meters indicated at points 1 to 4 is adopted as per clause No.7.3.1 of General Terms & Conditions of supply, approved by APERC.
6. The Energy meters of all the Generators, T-D Boundary meter points and Consumers indicated in points from 1 to 4 above shall be tested once in five years by using National Accreditation Board for Testing and Calibration Laboratories (NABL) accredited mobile laboratory or at any NABL certified laboratory preferably any government organization like AP Genco/ETDA etc. [adopted as per CEA (Installation, Operation of Meters) Regulations, 2006].
7. The Energy meters of all the Generators, T-D Boundary meter points and Consumers indicated in points from 1 to 4 above shall also be tested whenever the energy and other quantities recorded by the meter are abnormal or inconsistent with check and standby meters, in addition to the periodical tests. [adopted as per CEA (Installation, Operation of Meters) Regulations, 2006].
8. The Energy meters shall be tested by MRT Division/AP Transco or M&P Division/Discom by using 0.02 class standard Accuracy check meters. The checking and testing of Instrument Transformers shall be done by using High Accuracy (0.02 class) Multimeter, Voltmeter & Ammeter.

(BY ORDER AND IN THE NAME OF TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED)

UMESH SHARRAF
JOINT MANAGING DIRECTOR
(HRD, COMML, IPC & IT) (FAC)

To

Chief Engineers/TL&SS/AP Transco/Metro Zone, Hyderabad Rural, Vijayawada,
Visakhapatnam, Kadapa, Warangal

Chief Engineers/Operation/APEPDCL, APCPDCL, APNPDCL, APSPDCL.

Copy communicated to

The Chairman & Managing Director/ APTransco/ VS/ Hyderabad

The Chairman & Managing Director/ APEPDCL/ Visakhapatnam

The Chairman & Managing Director/ APCPDCL/ Hyderabad

The Chairman & Managing Director/ APNPDCL/ Warangal

The Chairman & Managing Director/ APSPDCL/ Tirupati

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The Joint Managing Director (Vigilance & Security)/ APTransco/ VS/ Hyderabad
The Director (Transmission)/ APTransco/ VS/ Hyderabad
The Director (Projects)/ APTransco/ VS/ Hyderabad
The Director (Grid Operation)/ APTransco/ VS/ Hyderabad
The Additional JMD (Distribution)/ APTransco/ VS/ Hyderabad
The Director (Finance & Revenue)/ APTransco/ VS/ Hyderabad

The Director/ Operation/ APEPDCL/ Visakhapatnam
The Director/ Operation/ APCPDCL/ Hyderabad
The Director/ Operation/ APNPDCL/ Warangal
The Director/ Operation/ APSPDCL/ Tirupati

Copy to

Chief Engineer/Transmission/AP Transco/Vidyut Soudha/Hyderabad

Chief Engineer/Commercial/AP Transco/Vidyut Soudha/Hyderabad

Chief Engineer/RAC, Reforms & IT/AP Transco/Vidyut Soudha/Hyderabad – with a
request to arrange in APTransco website.

// Forwarded by Order //

Divisional Engineer/ EBC-1