

TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED
VIDYUT SOUDHA :: HYDERABAD

APTRANSCO – Transmission – Interface metering at G-T & T-D boundary points – Standardization of CTs & PTs – Instructions Issued.

T.O.O. (CE / Transmission) Ms. No.24

Date:24-04-2013

Read the following:

In the review meeting held by Joint Managing Director (V&S) on 18.01.2013, the issue of standardization of CTs and VTs to be used for standby meters at G-T (Generation – Transmission) & G-D (Generation – Distribution) points and interface meters at the T-D (Transmission – Distribution) boundary points was discussed with all functional heads of APTransco.

As per the decision taken in the meeting, DE/MRT Vigilance has submitted the proposal for standardization of CTs & VTs for Standby metering at G-T (Generation – Transmission) & for Interface metering at T-D (Transmission – Distribution) boundary points.

After careful consideration of the proposal received, APTransco hereby accords approval as follows.

- 1) For the existing & upcoming interface meters at T-D boundary points,
 - a) Dedicated metering core of 0.2s class in a separate secondary box is to be provided in the Power Transformer (PTR) LV CTs.
 - b) Dedicated VTs are to be provided on LV side of PTRs, with two nos. of 0.2 class metering cores, one for T-D interface metering and the other for panel metering in separate secondary boxes.
- 2) For Standby meters at the existing & upcoming G-T interface points (when the interface metering point is at APTransco Sub-Station),
 - a) Dedicated metering core of 0.2s class in a separate secondary box is to be provided in the feeder CTs.
 - b) Dedicated VTs of 0.2 class are to be provided.

If there is space constraint at the existing interface points, dedicated metering core in the existing line CVTs may be used provided it is of 0.2 class.
- 3) Further, all the interface meters at G-T & T-D boundary points shall be installed as nearer to the CTs & VTs as possible to reduce the secondary loop resistance and potential drop in the secondary leads.
- 4) These orders are issued as per the note approved by the Chairman and Managing Director on 25.03.2013.

5) These orders are also available on APTRANSCO website and can be accessed at the address <http://www.aptransco.gov.in>.

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

Sd/-

**CH. CHENNA REDDY
DIRECTOR / TRANSMISSION**

To

The Executive Director/Planning, RAC & Reforms/ APTransco/VS/Hyderabad
The Chief Engineer/Transmission/ APTransco /Vidyut Soudha/Hyderabad
The Chief Engineer/Power Systems/ APTransco/Vidyut Soudha/Hyderabad
The Chief Engineer/SLDC/ APTransco /Vidyut Soudha/Hyderabad
The Chief Engineer/Construction-I/ APTransco /Vidyut Soudha/Hyderabad
The Chief Engineer/Construction-II/ APTransco /Vidyut Soudha/Hyderabad
The Chief Engineer/Lift Irrigation/ APTransco /Vidyut Soudha/Hyderabad
The Chief Engineer/400 KV Construction/ APTransco /Vidyut Soudha/Hyderabad
The Chief Engineer/Commercial/APPCC/Vidyut Soudha/Hyderabad
The Chief Engineer/IPC/APPCC/Vidyut Soudha/Hyderabad
The Chief Engineer/RAC, Reforms & IT/ APTransco /Vidyut Soudha/Hyderabad – with a request to place the T.O.O on APTRANSCO website.

The Chief Engineer /Metro Zone, Hyderabad/ Rural Zone, Hyderabad /Kadapa zone/
Warangal Zone / Vijayawada Zone / Visakhapatnam Zone.

The Chief General Manager/Operation/APCPDCL, APEPDCL, APNPDCL, APSPDCL.


Copy communicated to

The Director (Projects)/ APTransco/ VS/ Hyderabad
The Director (Grid Operation)/ APTransco/ VS/ Hyderabad
The Director (Finance & Revenue)/ APTransco/ VS/ Hyderabad
The Director/ Operation & HRD/ APCPDCL/ Hyderabad
The Director/ Operation/ APEPDCL/ Visakhapatnam
The Director/ Operation, P&MM/ APNPDCL/ Warangal
The Director/ Operation/ APSPDCL/ Tirupati

Copy to

PS to the Chairman & Managing Director/ APTransco
PS to the Joint Managing Director / HRD, Comml., IPC & IT/APTransco
PS to the Joint Managing Director / Distribution / APTransco
PS to the Joint Managing Director/V&S/ APTransco

// FORWARDED BY ORDER //


ASSISTANT DIVISIONAL ENGINEER

24/4/13