



I/572813²¹

Memo No.CGM/IT/APEPDCL/VSP/GM/IT//EE/IT/AEE-IT7/E-375372/D.No. Dt.02.2025

Sub: APEPDCL - IT - VSP-Advanced Metering Infrastructure Service Provider (AMISP) for Smart metering Works-“Providing Advance Metering Infrastructure and services for Smart Prepaid Meters to Distribution Companies of Andhra Pradesh”-Procedure and Instructions on Installation of Smart Meters to HT Meters- Regarding.

Ref: AMISP Contract dated 04.07.2023.

It is to inform that M/s Adani Energy Solutions Limited & M/s Adani Transmission Step Seven Limited are installing Smart Meters in the field as per the agreement vide reference cited above.

In this connection, the following wing-wise procedure and responsibilities are formulated as per the directions of Hon'ble CMD/APEPDCL:

HT Meters Wing:

1. M/s AESL will hand over the HT Smart Meters to Dy EE of HT/APEPDCL for prior testing before installation.
2. The HT wing should attend to the HT smart meter replacement in coordination with the Operations wing and AESL team.
3. Before replacing the existing HT Meter with an HT Smart Meter, the condition of the seals and CTPT set must be inspected. An MRI dump of the old meter is to be taken, and the old meter and meter box should be dismantled from their location.
4. The MRI Dump of the Old Meter is to be uploaded for future use in EPCCB -- HT Billing - HT Billing - MRI File Upload
5. The new HT Smart Meter should be mounted in its location along with the Meter Box as per the departmental procedure.
6. New Seals are to be provided, and the MRI Dump of the New meter is to be taken as per the departmental procedure.
7. The removed HT Meter is to be devoluted to the store by DyEE/AE HT Meters duly taking the devolution work order.
8. The existing modem of the removed HT meter is to be kept as Rolling stock with the respective HT meters for future use.
9. The SIM cards installed in the modem must be properly handed over to EE Telecom with a T-note and acknowledgement to be taken.

Operation Wing:

1. If the existing CTPT set is identified as failed, then the replacement procedure of the CTPT set is to be initiated based on the established process of APEPDCL, and the HT smart meter installation is to be aborted.

2. If the existing CTPT setis healthy and found ok,then the Consumer Load is disconnected, and the incoming AB Switch is to be kept open.
3. Once the New HT Smart Meter connections are verified by respective DyEE-HT Meters, the Consumer Load is to be connected, and the incoming AB Switch is to be closed by the respective operations wing.
4. Upon receiving the MRI dump and Test Report, L3 Approval should be given by the respective DEE-Operations, and information will be updated in EPCCB.

AESL:

1. AESL sends a pre-determined lot of smart meters to DyEE/HT Meters for testing.
2. The Survey of HT Consumer is to be performed with the WFM Application.
3. If the survey is found ok, the Consumer is ready for the installation.
4. Meter Change information is to be updated in WFM,followed by L1 and L2 Approvals as per the procedures.
5. If there is an issue with L1 and L2 or L3 approval, then a revisit to the site is to be planned in coordination with the HT Team.

Enclosure: Detail Flow Chart

#Digitally Signed#

Chief General Manager/ IT

APEPDCL::VISAKHAPATNAM

To

All Superintending Engineer/ Operations/APEPDCL

All Executive Engineer/Operations/APEPDCL

All Executive Engineer/MRT/APEPDCL

The Executive Engineer/Telecom/APEPDCL - for taking over the SIMs from respective HT Meters

Copy to:

The Chief General Manager/O&CS/ APEPDCL/ Corporate Office/ Visakhapatnam

The Divisional Engineer /Technical/CMD Peshi/Corporate Office/ Visakhapatnam

Copy Submitted to:

The Director (Finance & HRD)/APEPDCL/Visakhapatnam for favor of information please.

Digitally Signed by

P.srinivas

Date: 21-02-2025 12:47:36

Reason: Approved

1. Old Meter Change (NM-SM) - HT CT Consumer

