

BEST PRACTICES FOLLOWED IN DIFFERENT UTILITIES UNDER R-APDRP

Many of the best practices are followed in different utilities. Since, RAPDRP is a time bound programme, Utilities were advised to emulate these practices where ever possible in order to improve accuracy and to reduce time. Some of these practices are as follows;

Best Practices for GIS

- Satellite Imagery :
 - State authorisation for Satellite Imagery procurement request to NRSC before AI
 - Area of Interest (AI) covering APDRP project to be defined based on towns electrical boundaries,
 - Imagery not more than 6 months old from date of LoA for Part-A can be used.
- Asset Mapping:
 - Existing Asset data/ register should be provided by Utility to start Asset survey,
 - ITIA to setup Base station, establish Ground Control Point (GCP) to speedup DGPS survey
- Consumer Indexing:
 - Existing Consumer data (Meter No., Consumer ID, Pole/DT ID etc.) should be the starting point to start Consumer survey,
 - Survey man power may include Linemen, MBC contractors, Retired utility personnel, ITI graduates to reduce survey time,
 - Focus on minimum data required as per SRS,
 - GSP to purchase & deploy PDA/ Rovers to speedup survey
- Survey limited to legal consumers which can be validated by utility. (Illegal connections, found any, can be informed to Utility for taking enforcement measures. However, utility should not insist that without illegal-consumer data compilation by ITIA, the indexing data shall not be accepted)
- Utility team to participate in parallel to reduce validation time
- ITIA to submit data after QA-QC in phased manner to facilitate parallel validation by Utility
- Utility may accept upto 90% consumers & proceed with validation (on sample basis for) about 10% field data
- In case ITIA is not able to meet the requirement of survey milestones, utilities may assist ITIAs and get the same done through their linemen/ staff at the cost of ITIA.

Best Practices for MDAS

- Modem should be procured in sync with Meters and may be installed in meter-box at meter supplier's place or Utility store to reduce installation time.
- Modem installation should be in sync with AM-CI-Meter Installation (town-wise)
- Non SRS compliant meters shouldn't be further installed.
- Utility to facilitate Meter protocol of legacy(existing) meters (to be shared by Supplier)
- ITIA to integrate all existing meters / existing AMR solutions and use modems tested for its MDAS/ MDM solutions to avoid glitches later.