

Pilot Projects

1. CESC, Mysore

- Evaluated Project Cost: ₹32.56 Cr. Gol Support: ₹16.28 Cr. Released: ₹13.02 Cr.
- Consultant – POWERGRID
- Area – V V Mohalla, Mysore
- Consumers – 21,824
- Functionalities – AMI, OMS, PLM, MG/DG
- SGIA – M/s Enzen. Awarded in Mar 2014
- 3rd Instalment of MoP share amounting ₹ 4.88 Crores released to CESC.
- 20,916 smart meters, 617 DCUs, 445 TMUs, 44 FPIs, 134 HT modems and 5 RTUs installed.
- 19,369 smart meters & 110 modems communicating.
- Applications integration under progress.

2. HPSEB, Himachal Pradesh

- Evaluated Project Cost: ₹19.45 Cr. Gol Support: ₹9.73 Cr. Released: 4.86 Cr.
- Consultant – POWERGRID
- Area – Kala Amb Industrial Area
- Consumers – 1,554
- Functionalities – AMI, OMS, PLM
- SGIA – M/s GE T&D. Awarded in Feb 2015
- 1,335 smart meters, 30 FPIs and 21 TMUs installed.
- Control Centre setup (servers, networking) completed.
- Automatic bill generation started with smart meter data.
- Project to be made go-live shortly.

3. UHBVN, Haryana

- Approved Project Cost: ₹35.94 Cr. Gol Support: ₹0 Cr.
- Area – Panipat City Sub Division
- Consumers – 11,000
- Functionalities – AMI, PLM, OMS
- Project is being implemented under grant from NEDO (Japan) by M/s Fuji Electric & Co., Japan.
- SCADA and AMI completed at HPTI
- 10,030 smart meters and 67 DCUs installed. Remaining meters reserved as spares
- Dashboard development in progress

4. APDCL, Assam

- Evaluated Project Cost: ₹20.92 Cr. Gol Support: ₹10.46 Cr. Released: ₹5.23 Cr.
- Consultant – MEDHAJ
- Area – Guwahati Division
- Consumers – 15,083
- Functionalities – AMI, PLM, OMS, PQ, DG
- SGIA – M/s Fluentgrid. Awarded in Mar 2015

- 13,535 smart meters and 90 DCUs installed.
- 3385 meters communicating to Control Center.
- 3-ph LT/HT CTPT meters dropped from scope as per discussions held in review meeting on 10th April 2018

5. PSPCL, Punjab

- Evaluated Project Cost: ₹7.16 Cr. Gol Support: ₹3.58 Cr. Released: ₹0.90 Cr.
- Consultant – POWERGRID
- Area – Tech-II Sub-division, SAS Nagar
- Consumers – 2,737
- Functionalities – AMI, PLM
- SGIA – Awarded to M/s Kalkitech in Mar 2015. Contract terminated in Aug 2017. PSPCL implementing on its own
- MDM development in progress by M/s Analogics Tech
- Bids for smart meters opened on 11th April 2018. Bids under evaluation

6. WBSEDCL, West Bengal

- Approved Project Cost: ₹7.03 Cr. Gol Support: ₹3.52 Cr. Released: ₹0.88 Cr.
- Consultant – POWERGRID
- Area – Siliguri Town
- Consumers – 5,265
- Functionalities – AMI, PLM
- SGIA – M/s Chemtrols. Awarded in Jun 2015
- Control Centre Hardware installed. Meter installation started and 398 meters installed

7. TSECL, Tripura

- Approved Project Cost: ₹63.43 Cr. Gol Support: ₹31.72 Cr. Released: ₹14.10 Cr.
- Consultant – POWERGRID
- Area – Electrical Division No.1, Agartala
- Consumers – 45,290
- Functionalities – AMI, PLM
- SGIA – M/s Wipro. Awarded in Sep 2015
- 15,075 meters and 117 DCUs installed. Next lot of 16,500 meters received.
- Control center hardware and software installed.
- Acceptance testing of applications under progress.

8. TSSPDCL, Telangana

- Evaluated Project Cost: ₹34.93 Cr. Gol Support: 17.47 Cr. Released: ₹4.37 Cr.
- Consultant – CPRI
- Area – Jeedimetla Industrial Area
- Consumers – 11,906
- Functionalities – AMI, PLM, OMS, PQ
- SGIA – M/s ECIL. Awarded in Oct 2015
- Automation components, control center

hardware & software procured

- Type testing of 1-ph smart meters started at CPRI and will be completed by June 2018

9. PED, Puducherry

- Evaluated Project Cost: ₹35.53 Cr. Gol Support: ₹17.76 Cr. Released: ₹4.44 Cr.
- Consultant – POWERGRID
- Area – Division 1 of Puducherry
- Consumers – 34,000
- Functionalities – AMI
- SGIA – M/s DFE, China. Awarded in May 2016
- BIS certification for meters received
- 7961 smart meters and 3 DCU installed
- Remaining equipment under shipment

10. UGVCL, Gujarat

- Approved Project Cost: ₹23.18 Cr. Gol Support: ₹11.59 Cr. Released: 2.89 Cr.
- Area – Naroda
- Consumers – 22,230
- Functionalities – AMI, OMS, PLM, PQ
- SGIA – M/s Genus. Awarded in Jun 2017
- 5,000 single phase meters and 11 DCUs installed. 7,000 meters under inspection
- Control center hardware installed. Configuration in progress

11. IIT Kanpur Smart City Pilot

- Approved Project Cost: ₹12.5 Cr. Gol Support: ₹6.25 Cr. Released: ₹4.69 Cr.
- Area – Smart City Pilot in IITK Campus
- Solar PVs installation for 19 households completed
- Storage batteries & grid connected inverters installed in 4 houses
- 19 single phase, 9 three phase meters and 13 DCUs installed
- Project completed in March 2018
- Outcome evaluation in progress. Closure report to be submitted shortly

12. Smart Grid Knowledge Center, Manesar

- Awarded Project Cost: ₹5.83 Cr. Gol Support: ₹5.83 Cr. Released: ₹2.52 Cr.
- Area – POWERGRID Complex, Manesar
- Functionalities: AMI, OMS, MG/DG, EV with Charging Infra, HEMS, Cyber Security & Training Infra
- SGIA – M/s Genus (AMI), Cyient (OMS)
- AMI, OMS installation completed
- Micro Grid / RE Lab awarded in November 2017 to M/s RCCS
- Next tranche claims submitted to MoP
- Smart Home equipment installed
- Likely completion by June 2018

NSGM Projects

13. CED, Chandigarh

- Approved Project Cost: ₹28.58 Cr. Gol Support: ₹8.6 Cr. Released: ₹0.87 Cr.
- Area – Sub Division 5 of Chandigarh
- Consumers – 29,433
- Adopted Functionalities – AMI, DTMU, SCADA
- Project approved by Empowered Committee of NSGM on 29.03.2016.
- RECPDCL appointed as Project Management Agency.
- Retendered in Dec 2017 for AMI and SCADA.
- Technical & price bid evaluation for AMI and SCADA tenders completed
- Approval under process for placing award

14. Amravati, MSEDCL, Maharashtra

- Approved Project Cost: ₹90.05 Cr. Gol Support: ₹27.02 Cr. Released: ₹2.7 Cr.
- Area – Amravati Town of Maharashtra
- Consumers – 1.48 Lakh
- Adopted Functionalities – AMI, OMS, DR
- Project approved by Empowered Committee of NSGM on 29.03.2016.
- Tender floated in December 2016 and bids are live

15. Congress Nagar, MSEDCL, Maharashtra

- Approved Project Cost: ₹139.15 Cr. Gol Support: ₹41.74 Cr.
- Area – Congress Nagar Division (Nagpur)
- Consumers – 1.25 Lakh
- Adopted Functionalities – AMI, SCADA, OMS, DR
- Project approved by Empowered Committee of NSGM on 27.10.2016.
- Tender floated in December 2016 and bids are live