

Pilot Projects

1. IIT Kanpur Smart City Pilot

- Project completed in March 2018
- All field equipment, control center and home automation installed and commissioned
- Area – Smart City Pilot in IITK Campus
- Approved Project Cost: ₹12.5 Cr. Gol Support: ₹6.25 Cr. Released: ₹4.69 Cr.

2. CESC, Mysore

- Project declared go-live
- 19,369 meters & 110 modems communicating
- 20,916 smart meters, 617 DCUs, 445 TMUs, 44 FPIs, 134 HT modems and 5 RTUs installed
- Functionalities – AMI, OMS, PLM, MG/DG
- Consumers – 21,824
- Area – V V Mohalla, Mysore
- Consultant – POWERGRID
- SGIA – M/s Enzen. Awarded in Mar 2014
- Evaluated Project Cost: ₹32.56 Cr. Gol Support: ₹16.28 Cr. Released: ₹13.02 Cr.

3. UHBVN, Haryana

- Project completed with all meters and field equipment installed
- Functionalities – AMI, PLM, OMS
- Consumers – 10,188
- Area – Panipat City Sub Division
- Project is being implemented under grant from NEDO (Japan) by M/s Fuji Electric & Co., Japan.
- Approved Project Cost: ₹35.94 Cr. Gol Support: ₹0 Cr.

4. HPSEB, Himachal Pradesh

- Site Availability Test in progress
- 1,335 smart meters, 30 FPIs and 21 TMUs installed
- Functionalities – AMI, OMS, PLM
- Consumers – 1,335
- Area – Kala Amb Industrial Area
- Consultant – POWERGRID
- SGIA – M/s GE T&D. Awarded in Feb 2015
- Evaluated Project Cost: ₹19.45 Cr. Gol Support: ₹9.73 Cr. Released: ₹7.776 Cr.

5. Smart Grid Knowledge Center, Manesar

- Project inaugurated by Hon'ble MoSP (I/C) on 19.09.2018
- RE Lab under deployment
- All other functionalities except Micro Grid / RE lab installed and commissioned
- Functionalities: AMI, OMS, MG/DG, EV with Charging Infra, HEMS, Cyber Security & Training Infra
- Area – POWERGRID Complex, Manesar

- SGIA – M/s Genus (AMI), Cyient (OMS), RCCS (RE)
- Awarded Project Cost: ₹5.83 Cr. Gol Support: ₹5.83 Cr. Released: ₹4.67 Cr.

6. UGVCL, Gujarat

- 21,571 meters and 138 DCUs installed
- 8000 meters communicating to data center
- HES and MDM integration in progress
- Functionalities – AMI, OMS, PLM, PQ
- Consumers – 22,230
- Area – Naroda
- SGIA – M/s Genus. Awarded in Jun 2017
- Approved Project Cost: ₹23.18 Cr. Gol Support: ₹11.59 Cr. Released: 2.89 Cr.

7. TSECL, Tripura

- 28,549 meters and 248 DCUs installed
- Final lot of meters in shipment
- Functionalities – AMI, PLM
- Consumers – 45,290
- Area – Electrical Division No.1, Agartala
- Consultant – POWERGRID
- SGIA – M/s Wipro. Awarded in Sep 2015
- Approved Project Cost: ₹63.43 Cr. Gol Support: ₹31.72 Cr. Released: ₹14.10 Cr.

8. APDCL, Assam

- 13,691 smart meters and 192 DCUs installed
- 8,193 meters communicating to Control Center
- Award placed on M/s TCS for SG system integration with RAPDRP system
- Functionalities – AMI, PLM, OMS, PQ, DG
- Consumers – 15,083
- Area – Guwahati Division
- Consultant – MEDHAJ
- SGIA – M/s Fluentgrid. Awarded in Mar 2015
- Evaluated Project Cost: ₹20.92 Cr. Gol Support: ₹10.46 Cr. Released: ₹5.23 Cr.

9. PED, Puducherry

- 24,177 smart meters and 122 DCUs installed
- CC hardware and software installed
- Functionalities – AMI
- Consumers – 34,000
- Area – Division 1 of Puducherry
- Consultant – POWERGRID
- SGIA – M/s DFE, China. Awarded in May 2016
- Evaluated Project Cost: ₹35.53 Cr. Gol Support: ₹17.76 Cr. Released: ₹8.88 Cr.

10. WBSEDCL, West Bengal

- 5065 meters and 50 DCU installed. 2233 meters communicating
- Award placed on M/s TCS for SG system

National Smart Grid Mission, Ministry of Power, Govt. of India

Status of Smart Grid Pilots & NSGM Smart Grid Projects – October 2018

integration with RAPDRP system

- Functionalities – AMI, PLM
- Consumers – 5,265
- Area – Siliguri Town
- Consultant – POWERGRID
- SGIA – M/s Chemtrols. Awarded in Jun 2015
- Approved Project Cost: ₹7.03 Cr. Gol Support: ₹3.52 Cr. Released: ₹0.88 Cr.

11. TSSPDCL, Telangana

- 5000 single phase meters installed. 1,800 meters communicating
- 51 RMUs, 59 autoreclosures, 20 sectionalizers installed
- Control center commissioning in progress
- Functionalities – AMI, PLM, OMS, PQ
- Consumers – 11,906
- Area – Jeedimetla Industrial Area
- Consultant – CPRI

- SGIA – M/s ECIL. Awarded in Oct 2015
- Evaluated Project Cost: ₹34.93 Cr. Gol Support: ₹17.47 Cr. Released: ₹4.37 Cr.

12. PSPCL, Punjab

- Bids under evaluation for smart meter tender
- MDM development in progress by M/s Analogics Tech
- Functionalities – AMI, PLM
- Consumers – 2,737
- Area – Tech-II Sub-division, SAS Nagar
- Consultant – POWERGRID
- PSPCL implementing on its own
- Evaluated Project Cost: ₹7.16 Cr. Gol Support: ₹3.58 Cr. Released: ₹0.90 Cr.

NSGM Projects

13. CED, Chandigarh (Sub Div-5)

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

14. Amravati, MSEDC, Maharashtra

- Bids evaluation in progress
- Adopted Functionalities – AMI, OMS, DR
- Consumers – 1.48 Lakh
- Area – Amravati Town of Maharashtra
- Project approved by Empowered Committee of NSGM on 29.03.2016.
- Approved Project Cost: ₹90.05 Cr. Gol Support: ₹27.02 Cr. Released: ₹2.7 Cr.

15. Congress Nagar, MSEDC, Maharashtra

- Bids evaluation in progress
- Adopted Functionalities – AMI, SCADA, OMS, DR
- Consumers – 1.25 Lakh
- Area – Congress Nagar Division (Nagpur)
- Project approved by Empowered Committee of NSGM on 27.10.2016.
- Approved Project Cost: ₹139.15 Cr. Gol Support: ₹41.74 Cr.

16. CED, Chandigarh (Complete City Excl. SD-5)

- Sanction letter issued to CED on 28.09.2018
- Adopted functionalities – AMI, SCADA, DTMU
- Consumers – 1.84 lakh
- Area – Complete Chandigarh City (excl. SD5)
- Approved Project Cost: ₹ 241.49 Cr. Gol Support: ₹ 72.45 Cr.

17. KSEB, Kerala

- Sanction letter issued to KSEB on 28.09.2018
- Adopted functionalities – AMI, PLM, DTMU, EVCI, Rooftop PV
- Consumers – 0.9 lakh
- Area – Kochi City
- Approved Project Cost: ₹ 90.07 Cr. Gol Support: ₹ 27.26 Cr.

18. JBVNL, Jharkhand

- Sanction letter issued to JBVNL on 28.09.2018
- Adopted functionalities – AMI, DTMU
- Consumers – 3.6 lakh
- Area – Ranchi City
- Approved Project Cost: ₹ 228.69 Cr. Gol Support: ₹ 68.61 Cr.

19. OPTCL, Odisha

- Sanction letter issued to OPTCL on 28.09.2018. Acceptance received
- Adopted functionalities – AMI, SCADA, DTMU
- Consumers – 0.87 lakh
- Area – Rourkela City
- Approved Project Cost: ₹ 96.97 Cr. Gol Support: ₹ 29.09 Cr.