

NSGM Smart Grid Projects

1. CED, Chandigarh (Sub Div-5)

- Data center building under construction. IT hardware equipment ready for dispatch
- FAT of RTUs, MFMs, Server, Monitor, LAN Switch, Workstation completed and received at site
- Functionalities – AMI, DTMU, SCADA
- Consumers – 29,433
- Area – Sub Division 5 of Chandigarh
- PMA – RECPDCL
- Approved Project Cost: ₹28.58 Cr. Gol Support: ₹8.57 Cr. Released: ₹2.57 Cr.

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

- Sanction letter issued to CED on 28.09.2018. Acceptance received
- 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.

3. OPTCL, Odisha (Rourkela)

- Project Team constituted
- Tender documents under preparation

- First tranche of NSGM grant released
- Functionalities – AMI, SCADA, DTMU
- Consumers – 0.87 lakh
- Area – Rourkela City
- Approved Project Cost: ₹96.97 Cr. Gol Support: ₹29.09 Cr. Released: ₹2.91 Cr.

4. JBVNL, Jharkhand (Ranchi)

- Tripartite agreement concluded on 12.04.2019
- Bid opening date extended up to 10.05.2019
- Functionalities – AMI, DTMU
- Consumers – 3.6 lakh
- Area – Ranchi City
- Approved Project Cost: ₹228.69 Cr. Gol Support: ₹68.61 Cr.

5. KSEB, Kerala (Kochi)

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

Smart Grid Pilot Projects

1. IIT Kanpur Smart City Pilot

- Project completed
- Area – Smart City Pilot in IITK Campus
- Project Cost: ₹12.5 Cr. Gol Support: ₹6.25 Cr.

2. CESC, Mysore

- Project completed
- Functionalities – AMI, OMS, PLM, MG/DG
- Consumers – 21,824
- Area – V V Mohalla, Mysore
- SGIA – M/s Enzen
- Project Cost: ₹32.56 Cr. Gol Support: ₹16.28 Cr.

3. UHBVN, Haryana

- Project completed
- Functionalities – AMI, PLM, OMS
- Consumers – 10,188
- Area – Panipat City Sub Division
- Project implemented under grant from NEDO (Japan) by M/s Fuji Electric & Co., Japan.

4. Smart Grid Knowledge Center, Manesar

- Project completed
- Functionalities: AMI, OMS, MG/DG, EVCI, HEMS, Cyber Security & Training Infra
- Area – POWERGRID Complex, Manesar
- SGIA – M/s Genus
- Project Cost: ₹5.83 Cr. Gol Support: ₹5.83 Cr. Released: ₹4.665 Cr.

5. HPSEB, Himachal Pradesh

- Project completed
- Functionalities – AMI, OMS, PLM
- Consumers – 1,335
- Area – Kala Amb Industrial Area
- SGIA – M/s GE T&D
- Project Cost: ₹19.45 Cr. Gol Support: ₹9.73 Cr. Released: ₹7.776 Cr.

6. UGVCL, Gujarat

- Project completed
- Functionalities – AMI, OMS, PLM, PQ
- Consumers – 22,230
- Area – Naroda
- SGIA – M/s Genus
- Project Cost: ₹23.18 Cr. Gol Support: ₹11.59 Cr. Released: ₹9.272 Cr.

7. PED, Puducherry

- Project declared go-live on 28.12.2018
- 28,910 smart meters and 490 DCUs installed
- Functionalities – AMI
- Consumers – 33,499
- Area – Division 1 of Puducherry
- SGIA – M/s DFE, China
- Project Cost: ₹35.53 Cr. Gol Support: ₹17.76 Cr. Released: ₹14.208 Cr.

8. WBSEDCL, West Bengal

- Project completed
- Functionalities – AMI, PLM
- Consumers – 5,265
- Area – Siliguri Town
- SGIA – M/s Chemtrols
- Project Cost: ₹7.03 Cr. Gol Support: ₹3.52 Cr. Released: ₹0.878 Cr.

9. TSECL, Tripura

- Project under commercial operation
- 42,925 meters installed
- Functionalities – AMI, PLM
- Consumers – 45,290
- Area – Electrical Division No.1, Agartala
- SGIA – M/s Wipro
- Project Cost: ₹63.43 Cr. Gol Support: ₹31.72 Cr. Released: ₹25.373 Cr.

10. TSSPDCL, Telangana

- Project declared go-live on 30.03.2019 with single phase meters
- Functionalities – AMI, PLM, OMS, PQ
- Consumers – 11,906
- Area – Jeedimetla Industrial Area
- SGIA – M/s ECIL
- Project Cost: ₹34.93 Cr. Gol Support: ₹17.47 Cr. Released: ₹8.740 Cr.

11. APDCL, Assam

- 14,259 smart meters and 218 DCUs installed
- 13,130 meters communicating to control center
- Functionalities – AMI, PLM, OMS, PQ, DG
- Consumers – 15,083
- Area – Guwahati Division
- SGIA – M/s Fluentgrid
- Project Cost: ₹20.92 Cr. Gol Support: ₹10.46 Cr. Released: ₹5.230 Cr.