

NSGM Smart Grid Projects

1. CED, Chandigarh (Sub Div-5)

- 5,000 smart meters received at site location. VPS installed in DC and MPLS connectivity in progress.
- Functionalities – AMI, DTMU, SCADA.
- Consumers – 29,433.
- Area – Sub Division 5 of Chandigarh.
- SGIA – M/s Analogics, M/s Synergy.
- PMA – M/s RECPDCL.
- Approved Project Cost: ₹28.58 Cr. Gol Support: ₹8.57 Cr. Released: ₹2.57 Cr.

2. JBVNL, Jharkhand (Ranchi)

- Bid evaluation completed.
- Functionalities – AMI, DTMU.
- Consumers – 3.6 lakh.
- Area – Ranchi City.
- Approved Project Cost: ₹228.69 Cr. Gol Support: ₹68.61 Cr.

3. OPTCL, Odisha (Rourkela)

- Utility decided to drop the implementation of SCADA.
- 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. CED, Chandigarh (Complete City Excl. SD-5)

- Approval under process at MHA for balance 70% funding arrangement.
- Functionalities – AMI, SCADA, DTMU, ERP.
- Consumers – 1.84 lakh.
- Area – Complete Chandigarh City (excl. SD5).
- Approved Project Cost: ₹241.49 Cr. Gol Support: ₹72.45 Cr.

5. JVVNL, Rajasthan (6 Urban Towns)

- Sanction letter issued on 10.01.2020.
- Functionalities – AMI.
- Consumers – 1.5 lakh.
- Area – Baran, Bharatpur, Bundi, Dholpur, Jhalawar, Karauli
- Approved Project Cost: ₹87.43 Cr. Gol Support: ₹26.23 Cr.

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

Status of NSGM Smart Grid Projects & Smart Grid Pilots – February 2020

Smart Grid Pilot Projects (Under IPDS)

1. IIT Kanpur Smart City Pilot

- Project completed.
- Area – Smart City Pilot in IITK Campus.
- Project Cost: ₹11.394 Cr. Gol Support: ₹5.697 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: ₹5.96 Cr. Gol Support: ₹5.96 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.

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.

7. PED, Puducherry

- Project declared go-live on 28.12.2018.
- 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 declared go-live on 31.12.2018.
- Functionalities – AMI, PLM.
- Consumers – 5,265.
- Area – Siliguri Town.
- SGIA – M/s Chemtrols.
- Project Cost: ₹7.03 Cr. Gol Support: ₹3.52 Cr. Released: ₹2.81 Cr.

9. TSECL, Tripura

- Project declared go-live on 30.06.2019.
- 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

- Project declared go-live on 02.05.2019 with AMI.
- Functionalities – AMI, PLM, OMS, PQ, DG.
- Consumers – 14,519.
- Area – Guwahati Division.
- SGIA – M/s Fluentgrid.
- Project Cost: ₹20.92 Cr. Gol Support: ₹10.46 Cr. Released: ₹8.368 Cr.