

Status of Ongoing NSGM Smart Grid Projects – December 2024

1. JVVNL, Rajasthan (6 Urban Towns)

- Project O&M commenced from 1st November 2023. The project was completed with 1,45,343 Smart Meters and final tranche grant released in March 2024. JVVNL submitted DRC approval/recommendations for JVVNL Smart Grid Project sanctioned under NSGM. JVVNL submitted final tranche grant Utilization Certificate.
- Functionalities – AMI.
- Consumers – 1.45 lakh.
- Areas – Baran, Bharatpur, Bundi, Dholpur, Jhalawar, Karauli.
- SGIA – M/s Genus.
- Approved Project Cost: ₹87.43 Cr. Gol Support: ₹25.56 Cr. Released: ₹25.56 Cr.

2. CED, Chandigarh (Sub Div-5)

- All Smart Meters as per surveyed quantity (24,214) installed in field. O&M of already installed meters commenced from 1st July 2023. Chief Manager NPMU visited Chandigarh, and a meeting was held in the office of SE, CED regarding closure of NSGM sanctioned CED SD-5 smart grid project followed by visit to control centre and substation on 13th December 2024. Balance 61 nos. of Smart Feeder Meters received at Chandigarh and installation started. Cybersecurity audit of systems completed, and reports shared with CED.
- Functionalities – AMI, DTMU, SCADA.
- Area – Subdivision 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: ₹7.7124 Cr.



Status of Completed Smart Grid Pilot Projects

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: ₹16.28Cr.

3. UHBVN, Haryana

- Project completed.
- Functionalities – AMI, PLM, OMS.
- Consumers – 10,188.
- Area – Panipat City Sub-Division.
- Project implemented under grant from NEDO (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: ₹9.73Cr.

6. UGVCL, Gujarat

- Project completed.
- Functionalities – AMI, OMS, PLM, PQ.
- Consumers – 23,760.
- Area – Naroda.
- SGIA – M/s Genus.
- Project Cost: ₹23.18 Cr. Gol Support: ₹11.59Cr.

7. PED, Puducherry

- Project completed.
- Functionalities – AMI.
- Consumers – 28,910.
- Area – Division 1 of Puducherry.
- SGIA – M/s DFE, China.
- Project Cost: ₹35.43 Cr. Gol Support: ₹17.72Cr.

8. WBSEDCL, West Bengal

- Project completed.
- Functionalities – AMI, PLM.
- Consumers – 5,164.
- Area – Siliguri Town.
- SGIA – M/s Chemtrols.
- Project Cost: ₹6.955 Cr. Gol Support: ₹3.48 Cr.

9. APDCL, Assam

- Project completed.
- Functionalities – AMI, PLM.
- Consumers – 14,519.
- Area – Guwahati Division.
- SGIA – M/s Fluentgrid.
- Project Cost: ₹19.56 Cr. Gol Support: ₹9.58 Cr.

10. TSSPDCL, Telangana

- Project Completed.
- Functionalities – AMI, PLM, OMS, PQ.
- Consumers – 8,882.
- Area – Jeedimetla Industrial Area.
- SGIA – M/s ECIL.
- Project Cost: ₹29.86 Cr. Gol Support: ₹14.93 Cr.

11. TSECL, Tripura

- Project declared go-live in June 2019.
- Functionalities – AMI, PLM.
- Consumers – 43,081.
- Area – Electrical Division No.1, Agartala.
- SGIA – M/s Wipro.
- Project Cost: ₹63.43 Cr. Gol Support: ₹25.373Cr. Released: ₹25.373 Cr.