

### NSGM Smart Grid Projects

#### 1. CED, Chandigarh (Sub Div-5)

- 1897 nos. of smart meters and 5 nos. of feeder relays installed.
- 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. CED, Chandigarh (Complete City Excl. SD-5)

- NIT published for PDMA on 16<sup>th</sup> July 2020. Pre-bid meeting held on 22<sup>nd</sup> July 2020. Bid opening extended to 7<sup>th</sup> August 2020.
- 1<sup>st</sup> tranche of NSGM grant sanctioned.
- 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. Released: ₹7.25 Cr.

#### 3. JBVNL, Jharkhand (Ranchi)

- Revised proposal for project implementation under preparation.
- Functionalities – AMI, DTMU.
- Consumers – 3.6 lakh.
- Area – Ranchi City.
- Approved Project Cost: ₹228.69 Cr. Gol Support: ₹68.61 Cr.

#### 4. OPTCL, Odisha (Rourkela)

- Revised RFP submitted by PFCCCL under approval of OPTCL.
- Functionalities – AMI, DTMU.
- Consumers – 0.87 lakh.
- Area – Rourkela City.
- Approved Project Cost: ₹96.97 Cr. Gol Support: ₹29.09 Cr. Released: ₹2.91 Cr.

#### 5. JVVNL, Rajasthan (6 Urban Towns)

- Inception report approved. Site survey activity in progress.
- Factory inspection of 1<sup>st</sup> lot of 10,000 meters completed with minor observations.
- Functionalities – AMI.
- Consumers – 1.5 lakh.
- Areas – Baran, Bharatpur, Bundi, Dholpur, Jhalawar, Karauli
- Approved Project Cost: ₹87.43 Cr. Gol Support: ₹26.23 Cr.

### 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: ₹16.28Cr.

#### 3. UHBVN, Haryana

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

#### 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: ₹11.59Cr.

#### 7. PED, Puducherry

- Project completed.
- Functionalities – AMI.
- Consumers – 33,499.
- 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 – 5,265.
- Area – Siliguri Town.
- SGIA – M/s Chemtrols.
- Project Cost: ₹6.955 Cr. Gol Support: ₹3.48 Cr.

#### 9. TSECL, Tripura

- Project declared go-live on 30.06.2019.
- Re-testing of system in progress.
- Functionalities – AMI, PLM.
- Consumers – 45,290.
- Area – Electrical Division No.1, Agartala.
- SGIA – M/s Wipro.
- Project Cost: ₹63.43 Cr. Gol Support: ₹31.72Cr. Released: ₹25.373 Cr.

#### 10. TSSPDCL, Telangana

- Project declared go-live on 30.03.2019.
- Energy auditing on 1 DTR demonstrated with all types of 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: ₹13.981 Cr.

#### 11. APDCL, Assam

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