

SMART GRID PILOT PROJECT

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| Project Description | : Smart Grid Pilot Project – one of the 14 Pilot projects under implementation in the country- a confluence of latest technologies in Communication, Electronics and Electrical Engineering. |
| Project Aim | : <ul style="list-style-type: none">- To eliminate direct human interface in meter reading, billing, disconnection and reconnection of supply- to eliminate theft of energy- to provide quality and uninterrupted power to consumers |
| Scope of the Project | : <ul style="list-style-type: none">- To replace existing meters with smart meters in 34,000 service connections.- Setting up of a Control Center to receive and monitor consumer data- Maintenance of the system for a period of five years |
| Approved areas for the implementation of the Smart Grid Pilot Project | : Town -I Sub-Division comprising of Town South, Town Central, Town South Central and Town North O&M sections |
| Approved cost | : Rs. 33.83 Crs. |
| Project Funding | : Project cost to be shared by Central and State Governments in the ratio of 50:50 <ul style="list-style-type: none">- Central Government's funds to be released as grant in 4 installments on completion of declared project milestones- State Governments share will be released in the form of repayment to the investor cum contractor in 60 equated installments after completion of the project. |
| Consultants | : M/s POWERGRID INDIA Ltd., |
| Smart Grid Investor cum Contractor | : M/s Dongfang Electronics Pvt. Ltd., |
| Implementing Agency | : Reforms Project Management cell of Division I |
| Date of Award of work | : 23.05.2016 |
| Date of signing of Agreement | : 06.07.2016 |

Project Completion schedule as per original schedule : November 2017

Expected date of completion : August 2018

Amount released by MoP as 1st installment on completion of 1st mile stone : Rs. 4.44 Crores

Expenditure incurred so far on Consultant : Rs. 1.076 Crores

Balance amount available : Rs. 3.363 Crores

Bills under process : Rs. 5.17 Crores

PRESENT STATUS

- Door – to- door collection of consumer data in the Project Area completed.
- 1ST Instalment of Rs. 4.44 Crores released by MoP on 18.01.2017
- All civil and electrical works to Control Centre completed
- Factory Acceptance Test (FAT) of meters and DCU completed.
- 1st Lot received on 19.01.2018
- Installation of 1st Lot of meters completed (2580 Nos.)
- 2nd Lot of meters received on 21.02.2018
- Installation of 2nd Lot under progress (1446 installed out of 14868 as on 14.08.2018)
- 3rd and final lot of meters ready for shipment

SMART METER REVISED & FINAL SCHEDULE

| Sl No | Task | Start | Finish | Remarks |
|-------|---|------------|-------------------|--|
| 1 | Award of work | 23.05.2016 | | |
| 2 | Preparatory works | Completed | | |
| 3 | Signing of Agreement | 06.07.2016 | | |
| 3 | Site Survey | Completed | | |
| 4 | submission of data to PED | Completed | | 1st installment of Grant amounting to Rs. 4,44 Crores received in January 2017 |
| 5 | Approval of PED | Completed | | |
| 6 | BIS Certification of single phase meters | Completed | | |
| 7 | BIS Certification of Three phase meters | Completed | | |
| 8 | BIS Certification of CT operated meters | Completed | | |
| 9 | Factory Acceptance Test at China | Completed | | |
| 10 | Shipment of 1st Lot to India | Completed | | |
| 11 | Arrival of 1st Lot of meters in Puducherry | Completed | | |
| 12 | Installation of 1st Lot of meters | Completed | | |
| 13 | Shipment of 2nd Lot to India | Completed | | |
| 14 | Arrival of 2nd Lot in Puducherry | Completed | | |
| 15 | Installation of 2nd Lot of meters | 29.03.2018 | 30.05.2018 | 2nd Installment of Grant to be availed by end of May 2018 |
| 16 | Installation of communication Equipment | 01.05.2018 | 15.07.2018 | |
| 17 | Shipment of 3rd Lot to India | 15.05.2018 | 10.06.2018 | |
| 18 | Arrival of meters in Puducherry | 11.06.2018 | 21.06.2018 | 3rd Installment of Grant to be availed by end of June 2018 |
| 18 | Installation of 3rd Lot of meters | 22.06.2018 | 31.07.2018 | |
| 19 | Supply & Installation of CC hardware and software | 01.05.2018 | 15.07.2018 | |
| 20 | Testing & Commissioning | 01.08.2018 | 31.08.2018 | Final installment of Grant to be availed after operational acceptance in November 2018 |