

Important Achievements of the Electricity Department during the financial year 2018-19

I PRIME MINISTER'S FLAGSHIP PROGRAMMES

1. Out of Seven Flagship Programmes of the Hon'ble Prime Minister, achievements made in respect of two schemes pertaining to the Electricity Department during the period from 14.04.2018 to 05.05.2018 under **"Gram Swaraj Abhiyan"** are detailed below:
 - i) Under the scheme, Pradhan Mantri Sahaj Bijli Har Ghar Yojana ("SAUBHAGYA")-Power supply were effected to 912 nos of Domestic Services. With this, all the house holds have been electrified in the UT of Puducherry and thus attained 100% achievement.
 - ii) Under the scheme , UJALA, 30,500 nos of LED bulbs were distributed through M/s. EESL to the consumers of Puducherry region.
2. The Hon'ble Minister (Power) inaugurated "Distribution of 10,000 nos of LED bulbs at Karaikal region during the extended period of Gram Swaraj Abhiyan" scheme by M/s. Energy Efficiency Services Limited (EESL) on 06.08.2018 and also distributed additional 15,000 nos of LED bulbs at Karaikal region on 03.09.2018 .

II. IMPROVEMENTS UNDER PLAN SCHEMES

1. To meet the growth of power demand and to avail Centrally allocated cheaper power for Karaikal region from Central Generating Stations (CGS), 230 KV Karaikal - Bahour line and Karaikal - Neyveli line and a new 230/110KV Substation at Pillaittheruvasal, Karaikal region were technically commissioned after synchronization with Southern Regional Grid on 20.12.2018, at a project cost of Rs. 48.17 Crores (approx). The Hon'ble Chief Minister and Hon'ble Minister (Power) dedicated this 230/110KV Auto Substation at Pillaittheruvasal of Karaikal region on 26.02.2019.

2. The Surakudy 110/11 KV Substation which was under the feeding of Thiruvarur Auto Substation has been brought into Karaikal Auto Substation feeding from 31-12-2018. With this, the entire U.T of Puducherry's Power demand is being met from Central Generating Stations power allocation apart from Puducherry Power Corporation Limited generation at Karaikal.
3. An additional allocation of 40 MW from the unallocated pool of Central Generating Stations has been made available to Puducherry by Government of India.
4. The Villianur-Korkadu 110 KV line has been strengthened at a cost of Rs.3.01 crores (approx) & technically commissioned on 31-12-2018 successfully. This will ensure more reliability of power supply to the rural areas.
5. The new 110 KV line between Villianur 230 KV Auto SS and Bahour 230 KV Auto SS erected at a cost of Rs. 78.10 lakhs (approx) was technically commissioned on 04-03-2019, to improve system reliability.
6. The establishment of 110/22 KV Sub-station at Thondamanatham, Puducherry with two numbers of 110/22KV, 25MVA Power Transformers and 8 numbers of 22KV Bays and equipments have been Technically commissioned on 06.03.2019 at an estimated cost of Rs. 11.65 Crore (approx). On commissioning of this Substation, the growth of power demand in and around Thondamanatham and adjoining areas is met besides improvement in voltage profile and reduction in loss.
7. During the financial year 2018-19 , an amount of Rs. 17.25 crores (approx) was incurred under various plan schemes towards energisation of 59 nos. of new Distribution transformers and enhancement of 26 Nos. of Distribution transformers to higher capacities. 20 Kms of HT lines & 68.95 Kms of LT lines were energised and 2.197 kms of HT lines & 23.025 Kms of LT lines were strengthened. Under Cable conversion scheme, 7.476 Kms of HT Under Ground Cables and 4.05 Kms of LT Under Ground Cables were laid. Apart from the above, 101 nos. of LT Overhead services and 7nos. of LT Overhead Street lights were converted into Under Ground cable system.

The completion of the above infrastructural works enabled to effect 12 nos. of new HT Industrial Services and 58 nos. of LT Industrial Services. Besides 13,046 Nos. of Domestic services, 1,538 nos. of commercial services and 53 Nos. of Agricultural services were also effected. 591 Nos. of street lights were also energised.

III CENTRALLY SUPPORTED SCHEMES

1. Under **R-APDRP-Part-A (SCADA)** scheme ,SCADA - DMS system has been established during December 2018 at an estimated cost of Rs.8.32 Crores for the automation of operation and control of HT Feeders, Distribution Transformers and monitoring of power outflow by setting up of Control Centre with associated RTUs and communication facilities .

2. Under **R-APDRP-Part-B** scheme, strengthening of the power distribution system in town areas is being implemented at a cost of Rs.84.78 Crores. Out of which Rs.46.13 crores has so far been availed. During the year 2018-19, erection of 21 nos of 315KVA Distribution Transformers, 5 nos of 630KVA Distribution Transformers, installation of 40,000 nos of LPRF Meters, 10,000 nos of LT Wedge Connectors , 200 nos of HT Wedge Connectors and 44 Fault Passage Indicators have been completed.

3. Under **Integrated Power Development Scheme (IPDS)**, strengthening of Distribution System in Statutory Towns in UT of Puducherry is being implemented at a cost of Rs.21.63 crores. During 2018-19, 10 nos of 11 KV 200KVA Distribution Transformers were energised in Town areas of Karaikal Region and 2.528 kms of HT under Ground Cable were laid at Pillaitheeruvassal SS & CEO office of Karaikal Town areas.

4. Under Smart Grid Pilot Project being implemented at a cost of Rs. 33.83 crores under the National Smart Grid Mission with 50% grant from GOI and balance through an investor cum service provider, 29,043 Smart Meters were so far fixed in the Town areas and the Smart Grid Control Centre has been gone live with effect from 28.12.2018.
