

Works in AE-EHV 2025-26

1) Augmentation of Power Transformers at various 110/22 kV Substations

- (i) Augmentation of Power Transformers at Korkadu, Thethampakkam, Kalapet 110/22KV Substations

In order to meet the increasing power demand in the Puducherry region, the work augmentation of the capacity of Korkadu Substation from 32 MVA to 50 MVA, Thethampakkam Substation from 20 MVA to 26 MVA, and Kalapet Substation from 20 MVA to 26 MVA was entrusted to M/s Power Grid. The Power Grid awarded the work on the lowest tender basis for an amount of Rs. 18.05 Crores. In order to carry out the work so far an amount of Rs.15.21 Crores has been deposited with M/s.Powergrid. In the total expenditure Rs.7.26Crore has been incurred from SASCI loan. The work is under progress and the work is expected to be completed by 2026-27. On completion of this project, the areas in and around Korkadu, Thethampakkam, and Kalapet will be benefited with better quality and reliable power supply.

- (iii) Augmentation of Power Transformers at Marapalam 110/22-11KV Substation, Kurumbapet 110/22KV Substation

In order to meet the increasing power demand in Puducherry regions, augmentation of capacity of Marapalam Sub-station and Kurumbapet Sub-station with two 25MVA Power transformers one in each sub-station has been proposed. In order to take up the work departmentally, the tender has been floated after obtaining of necessary approval of Government. Due to non-response of bidders it has been proposed to entrust the work to M/s.PGCIL. In this juncture M/s.Powergrid initiated to get two nos of 25MVA Power Transformers from TANTRANSCO supplier M/s Venkateswara Electrical Industries Private Ltd, Chennai. In view of the urgency it has been proposed to erect the said power transformer at Marapalam & Kurumbapet 110/22KV Sub-Stations. Accordingly, the supplier has been requested to supply the Power Transformer to this department at the TANTRANSCO cost, the supplier also agreed to supply the Power transformers from TANTRANSCO's purchase order. In this regard, sanction has been requested from the Government to provide consent to award the work to M/s Venkateswara Electrical Industries Private Ltd, Chennai.

- (iv). Augmentation of Power Transformers at Pillaiteruvasal Substation

In order to meet the increasing power demand in Karaikal region, augmentation of capacity of Pillaiteruvasal Sub-station with one 25MVA Power transformers was proposed. Approval of the Government has been obtained vide G.O.Rt.No.45 dt.25-02-2026 for carrying out this work at a tentative cost of Rs.12,32,31,402/- by floating e-tender.

2) Establishment of New 110/22 kV Substation at Lawspet

Establishment of a new 110/22 kV Gas Insulated Substation at Lawspet with a station capacity of 50 MVA has been entrusted to M/s Power Grid Corporation of India Limited at a tentative project cost of Rs. 44.52 Crores and on tendering the discovered L1 quoted cost is Rs.68.68 Crores and the revised cost works out to Rs.78.8103 Crores including consultancy and GST on Consultancy charges. The revised sanction is requested from Government. Land has been acquired for the construction of the substation, and acquisition of land for the approach road is under process. Agreement with M/s.PGCIL was signed on 09.01.2025. An initial payment of Rs. 4.452 Crores has been made by the Department during the financial year 2024-25. On establishment of the above substation, the people in and around Lawspet area will be benefited with quality and reliable power supply.

3) Laying of 110 kV Underground Cable from JIPMER to Vengatanagar 110 kV Substation

In order to ensure alternate power supply to the Puducherry town area and also to M/s JIPMER, it was proposed to lay 110 kV underground cable from 110/22 kV JIPMER Gas Insulated Substation to Vengatanagar 110/22-11 kV Substation through Lawspet at a total revised project cost of Rs. 42.10 Crores based on the award of work by Power Grid. The work is under progress. The work is expected to be completed by December, 2026. So far the laying of 110/22KV UG Cable has been completed to a length of 3.2kms out of 5.3 kms and the bay extension works including erection of C&R panels in control room at existing Vengata Nagar 110/11KV Sub – Station has been completed. In order to carryout the work so far an amount of Rs.37.83Crore has been paid to M/s.Powergrid to complete the project. In the above expenditure an amount of Rs.24 Crore has been incurred from the SASCI Loan amount. On completion of this project, alternate power supply to the 110/22-11 kV Substation at Vengatanagar and to 110/22KV GIS at JIPMER will be ensured, besides providing connectivity to the proposed Lawspet 110/22 kV Substation.

4) Establishment of 110/22KV Sub-Station at Thavalakuppam, Abisegapakkam Rev. Village, Puducherry.

Establishment of a new 110/22 kV Air Insulated Substation at Thavalakuppam with a station capacity of 50 MVA has been entrusted to M/s Power Grid Corporation of India Limited at a tentative project cost of Rs. 60.360 Crores on signing of agreement on 06.08.2025. An initial amount of Rs.6,03,58,500/- has been paid to M/s.PGCIL in FY 2025-26 after obtaining approval of the Government. The Land acquisition is under progress, initially the land has been taken on lease in order to carry out preliminary works. The tender has been called by M/s.PGCIL.

5) Erection of new 110/22KV Air Insulated Sub-Station at the vacant space available in the existing Sub-Station premises and Augmentation of Power Transformer at Villianur 110/22KV Sub-station, Thethampakkam and Kalapet 110/22KV

Earlier the work of Augmentation of two numbers of 110/22KV,25MVA Power Transformers & R&M works to the existing Thirubuvanai 110/22KV Sub-station and Augmentation of Power Transformer at Villianur 110/22KV Sub-station and shifting of released existing 16MVA Power Transformers from existing Thirubuvanai 110/22KV Sub-Station each one to Thethampakkam and Kalapet 110/22KV sub-station in place of existing 10MVA power Transformers was awarded to M/s.Powergrid at the tentative estimate cost of Rs.29,11,96,009/- after obtaining approval from Government. An amount of Rs.2,91,19,601/- has been made to M/s Powergrid for preliminary works in the FY 2023-24. M/s. Powergrid floated the Tender. As the price quoted by L1 bidder is 106% more than the MOU cost. It was felt that for limited scope of work, the quotation was on higher side. Therefore M/s.Powergrid has been requested to cancel the tender and it has been decided to establish a new Sub-Station in the available space in the existing Thirubuvani 110/22KV Sub-Station. After finalisation of BOQs and Drawings the tender has been floated by M/s.Powergrid for Establishment of new 11022KV Sub-station.