

Half Yearly Status of Capital Expenditure Schemes having 'In-principle clearances' for H1 FY 2023-24

Sr.	Name of the Scheme	Nature of Work	MERC Approval No	MERC Approval date	Project Status
1	220 kV Trombay Dharavi Salsette Lines	New EHV lines	MERC/CAP/TPC-T/2017-18/4402 (Revised Approval)	18-Oct-17	Major assets have been commissioned and put to use. Balance miscellaneous activities are in progress
2	220 KV Rec Stn at Antop Hill Wadala	New substation New EHV lines	MERC/CAPEX/TPC-T/2017-18/0507 (Revised Approval)	20-Apr-18	Major assets have been commissioned and put to use. Balance miscellaneous activities are in progress
3	Uprating of 220 kV Kalwa Salsette Line 3 & 4 by using High Ampacity Conductors	Increase in Capacity	MERC/TECH-VII/CAPEX/20122013/02112	21-Dec-12	Major assets have been commissioned and put to use. Balance miscellaneous activities are in progress
4	Conversion and Diversion of 220/110kV O/H lines to U/G Cables and erection of switching stations for NMIA project.	New substation	MERC/CAPEX/2015-2016/00636	09-Sep-15	Major assets have been commissioned and put to use. Balance miscellaneous activities are in progress
5	Replacement of Relays and Breakers in Transmission	Updating protection system Replacement of old asset	MERC/TECH-VII/CAPEX/20132014/00923	22-Jul-13	Scheme completed in FY 2023-24
6	Refurbishment of Transmission Protection System	Protection system refurbishment	MERC/CAPEX/2015-2016/00793 dated: 20.10.2015	20-Oct-15	Major assets have been commissioned and put to use. Balance miscellaneous activities are in progress
7	Installation of Fire Protection Systems in Transmission	Compliance to statutory requirement	MERC/Capex/TPC-T/2017-18/0535 dated 24th April, 2018	24-Apr-18	Major assets have been commissioned and put to use. Balance miscellaneous activities are in progress
8	Replacement and Installation of Protective Equipment in Transmission	Protective equipment replacement	MERC/Capex/TPC-T/2018-19/1221 dated 3rd August, 2018	03-Aug-18	Major assets have been commissioned and put to use. Balance miscellaneous activities are in progress
9	Rehabilitation of old Transmission Towers in Transmission Network	Installation of new asset	MERC/Capex/TPC-T/2018-19/1106 dated 20th July, 2018	20-Jul-18	Major assets have been commissioned and put to use. Balance miscellaneous activities are in progress
10	Replacement of Transmission Line towers in Vashi & Vagholi Creek	Installation of new asset for life enhancement of old asset	MERC/Capex/TPC-T/2019-20/988 dated 6th November 2019	06-Nov-19	Execution is in progress
11	Replacement of aged 110 kV Oil filled cables of Trombay Chembur-1,2 & 3 and Khopoli Chembur Lines.	Increase in capacity	MERC/CAPEX/TPC-T/2019-20/1216 dated 23rd Dec 2019	23-Dec-19	Major assets have been commissioned and put to use. Balance miscellaneous activities are in progress
12	Additional 110kV Source to Bandra Kurla Complex (BKC) and Kurla Receiving Stations.	Reliability	MERC/Capex/TPC-T/2019-20/787	25-Sep-19	Scheme completed in FY 2023-24
13	Replacement of existing 220 kV GIS at Borivali	Replacment of GIS	MERC/Capex/TPC-T/2020-21 /071	02-Mar-21	Major assets have been commissioned and put to use. Balance miscellaneous activities are in progress
14	Replacement of 2X30 MVA Power Transformers by 2X90 MVA Power Transformers Transformer at Kolshet	Replacement of Power Transformer	MERC/Capex/TPC-T/2020-21 /E-Letter	25-Oct-20	Major assets have been commissioned and put to use. Balance miscellaneous activities are in progress
15	Replacement of 110 kV AIS and GIS by GIS at Carnac	Replacement of old AIS switchgear by GIS	MERC/Capex/TPC-T/2020-21 /091	17-Mar-21	Scheme completed in FY 2023-24
16	Replacement of 110 kV AIS by GIS at 110 kV Vikhroli	Replacement of old AIS switchgear by GIS	MERC/Capex/TPC-T/2020-21 /E-Letter	06-Jan-21	Major assets have been commissioned and put to use. Balance miscellaneous activities are in progress
17	Replacement of existing 110 kV AIS by GIS at 110 kV Dharavi	Replacement of old AIS switchgear by GIS	MERC/Capex/TPC-T/2020-21 /E-Letter	11-Jan-21	Major assets have been commissioned and put to use. Balance miscellaneous activities are in progress
18	Third 220 kV circuit between MSETCL Kalwa and TPC-T Salsette Receiving Station (220 kV Kalwa-Salsette Transmission Line No. 5)	New EHV Line	MERC/Capex/TPC-T/2020-21 /E-Letter	08-Nov-20	Major assets have been commissioned and put to use. Balance miscellaneous activities are in progress

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19	Installation of 2 X 250 MVA, 220/110/33 kV ICTs at exiting TPC-T's 110 kV Vikhroli RS for evacuation of power from proposed KVTPPL's 400 kV Vikhroli SS at 220 kV level	Increase in Transformation Capacity	MERC/Capex/TPC-T/2021-22/468	11-Oct-21	Execution is in progress
20	Installation of 220 kV, 125 MVAr Reactor at Salsette EHV Receiving Substation	Installation of Reactor	MERC/Capex/TPC-T/2021-22 / E-Letter	09-Jun-21	Major assets have been commissioned and put to use. Balance miscellaneous activities are in progress
21	220 kV Interconnection between TPC-T Waghivali and MSETCL Waghivali Switching Station	Interconnection between two EHV substations	MERC/Capex/TPC-T/2022-23/0503	01-Nov-22	Execution is in progress
22	Replacement of MV AIS by GIS at Ambernath, Saki and Chembur RSS	Replacement of MV AIS by GIS	MERC/Capex/TPC-T/2022-23/0638	20-Dec-22	Procurement activities are in progress
23	Replacement of existing 110 kV AIS by new GIS at Parel RSS	Replacement of AIS by GIS	MERC/Capex/TPC-T/2022-23/0637 dated 20th December, 2022	20-Dec-22	Execution is in progress
24	Replacement of 110 kV oil filled cable between for 110 kV TC3 line and 110 kV TP3 line	Replacement of oil filled cable	MERC/Capex/TPC-T/2022-23/0647	20-Dec-22	Execution is in progress
25	Establishment of 33 kV level at Karanjade Receiving Station	Addition of voltage level	MERC/Capex/TPC-T/2023-24/0251	29-May-23	Procurement activities are in progress
26	Installation of 220 kV, 1X125 MVAr reactor at Trombay	Installation of Reactor	MERC/Capex/TPC-T/2023-24/0194	25-Apr-23	Procurement activities are in progress
27	Installation of 220 kV, 1X125 MVAr reactor at Mahalaxmi	Installation of Reactor	MERC/Capex/TPC-T/2023-24/0196	25-Apr-23	Procurement activities are in progress
28	Upgradation of 110 kV Parel Mahalaxmi 1 cable by replacing oil filled cable with 110 kV XLPE cable	Replacement of oil filled cable	MERC/Capex/TPC-T/2023-24/0252	29-May-23	Procurement activities and statutory approvals are in progress