

Transmission Licence No. 1 of 2014 (Fourth Amendment)

In pursuance of the Commission's Order dated **20 November 2024 in Case No. 13 of 2024**, amendments are made to the Transmission Licence granted to The Tata Power Company Ltd.- Transmission. The revised list of "Existing Transmission Lines", "Proposed List of Transmission Lines", "Existing Bays at Sub-station" and "Proposed List of Bays" for which the Transmission Licensee is authorized to establish and operate, inclusive of the related infrastructure, after the fourth amendment is as follows:

"Existing Transmission Lines"

220 kV Transmission Lines:

1. 220 kV Bhira Receiving Station - Karanjade 7 Transmission Line and Underground Cable (73.80 ckt km) from Bhira Receiving Station to Karanjade Switching Station.
2. 220 kV Karanjade - Waghivali 7 Underground Cable (7.72 ckt km) from Karanjade Switching Station to Waghivali Switching Station.
3. 220 kV, 3 terminal Waghivali - Dharavi 7 Antop Hill 1 Transmission Line and Underground Cable (30.64 ckt km) from Waghivali Switching Station to Dharavi Receiving Station and Antop Hill Receiving Station.
4. 220 kV Bhira Receiving Station - Karanjade 8 Transmission Line and Underground Cable (73.80 ckt km) from Bhira Generating Station to Karanjade Switching Station.
5. 220 kV Karanjade- Waghivali 8 Underground Cable (7.72 ckt km) from Karanjade Switching Station to Waghivali Switching Station.
6. 220 kV Waghivali - Dharavi 8 Transmission Line and Underground Cable (27.49 ckt km) from Waghivali Switching Station to Dharavi Receiving Station.
7. 220 kV Borivali-Aarey 1 Transmission Line (0.47 km) Underground Cable Section from Tata Borivali Receiving Station to AEML-T Aarey Receiving Station(Gantry located at Magothane).
8. 220 kV Borivali-Aarey 2 Transmission Line (0.51 km) Underground Cable Section from Tata Borivali Receiving Station to AEML-T Borivali Receiving Station.

9. 220 kV Dharavi- Mahalaxmi Transmission Line- Underground Cable (7.00 km) from Dharavi Receiving Station to Mahalaxmi Receiving Station.
10. 220 kV Mahalaxmi-Backbay Transmission Line- Underground Cable (10.16 km) originating at Mahalaxmi Receiving Station and terminating at Backbay Receiving Station.
11. 220 kV Kalwa-Salsette 3 Transmission Line (7.77 km) from MSETCL Kalwa Receiving Station to Salsette Receiving Station.
12. 220 kV Kalwa-Salsette 4 Transmission Line (7.77 km) from MSETCL Kalwa Receiving Station to Salsette Receiving Station.
13. 220 kV Salsette-Borivali 1 Transmission Line (11.07 km) from Salsette Receiving Station to Borivali Receiving Station.
14. 220 kV Salsette-Borivali 2 Transmission Line (11.07 km) from Salsette Receiving Station to Borivali Receiving Station.
15. 220 kV Tata Borivali-MSETCL Borivali 4 Transmission Line (1.7 km) from Borivali Receiving Station to MSETCL Borivali Receiving Station.
16. 220 kV Tata Borivali-MSETCL Borivali 5 Transmission Line (1.57 km) from Borivali Receiving Station to MSETCL Borivali Receiving Station.
17. 220 kV Trombay-Carnac 5 Transmission Line and Underground Cable (12.39 km) from Trombay Receiving Station to Carnac Receiving Station.
18. 220 kV Trombay-Carnac 6 Transmission Line and Underground Cable (12.39 km) from Trombay Receiving Station to Carnac Receiving Station.
19. 220 kV Trombay-Dharavi 5 Transmission Line and Underground Cable (11.00 km) from Trombay Receiving Station to Dharavi Receiving Station.
20. 220 kV Trombay-Dharavi 6 Transmission Line and Underground Cable (11.00 km) from Trombay Receiving Station to Dharavi Receiving Station.
21. 220 kV Trombay-MSETCL Tie 1 Transmission Line (0.85 km) from Trombay Generating Station to MSETCL-Trombay Receiving Station.
22. 220 kV Trombay-MSETCL Tie 2 Transmission Line (0.85 km) from Trombay Generating Station to MSETCL-Trombay Receiving Station.
23. 220 kV, 3 terminal Trombay KVTL Vikhroli 1 Carnac 7 Transmission Line and Underground Cable (26.03 ckt km) from Trombay Generating Station to KVTL Vikhroli Receiving Station and Carnac Receiving Station.
24. 220 kV KVTL Vikhroli – Salsette 3 Transmission Line and Underground Cable (9.05 ckt km) from KVTL Vikhroli Receiving Station to Salsette Receiving Station.
25. 220 kV Carnac Backbay Underground Cable (4.60 ckt km) from Carnac Receiving Station to Backbay Receiving Station.
26. 220 kV Trombay-Dharavi 9 Transmission Line and Underground Cable (10.69 km) from Trombay Receiving Station to Dharavi Receiving Station.
27. 220 kV Saki-Sahar Transmission Line (Underground Cable) from (2.6 km) from Saki

Receiving Station to Sahar Receiving Station.

28. 220 kV Trombay-KVTL Vikhroli 2 Transmission Line and Underground Cable (16.15 km) from Trombay Generating Station to KVTL Vikhroli Receiving Station.
29. 220 kV KVTL Vikhroli -Saki 7 line and Underground Cable (18.26 km) from KVTL Vikhroli Receiving Station to Saki Receiving Station.
30. 220 kV Salsette-Sahar Transmission line and Underground Cable (10.03 km) from Salsette Receiving Station to Sahar Receiving Station.
31. 220 kV Trombay - Antop Hill 2 Transmission line and Underground Cable (5.55 ckt km) from Trombay Generating Station to Antop Hill Receiving Station.
32. 220 kV AEML-T Versova - Tata Power Versova 1 Underground Cable (3.3 ckt km) from AEML-T Receiving Station to Tata Power-T Versova Receiving Station.
33. 220 kV AEML-T Versova - Tata Power Versova 2 Underground Cable (3.3 ckt km) from AEML-T Receiving Station to Tata Power-T Versova Receiving Station.
34. 220 kV Kalwa- Salsette 5 Transmission line and Underground Cable (10.02 ckt km) from MSETCL Kalwa Receiving Station to Salsette Receiving Station.
35. 220 kV KVTL Vikhroli – Salsette 2 Transmission line and Underground Cable (8.06 ckt km) from KVTL Vikhroli Receiving Station to Salsette Receiving Station.
36. 220 kV KVTL Vikhroli – Salsette 1 Transmission line and Underground Cable (8.06 ckt km) from KVTL Vikhroli Receiving Station to Salsette Receiving Station.
37. 220 kV Trombay KVTL- Vikhroli 3 Transmission line and Underground Cable (15.53 ckt km) from Trombay Generating Station to KVTL Vikhroli Receiving Station.
38. 220 kV Trombay KVTL- Vikhroli 4 Transmission line and Underground Cable (15.52 ckt km) from Trombay Generating Station to KVTL Vikhroli Receiving Station.

110 kV Transmission Lines

39. 110 kV Ambernath-Kalyan 1 Transmission Line (19.85 km) from Ambernath Receiving Station to Kalyan Receiving Station.
40. 110 kV Ambernath-Kalyan 2 Transmission Line (19.85 km) from Ambernath Receiving Station to Kalyan Receiving Station.
41. 110 kV BMC Bhandup-Kolshet Transmission Line (18.97 km) from BMC Bhandup Receiving Station to Kolshet Receiving Station.
42. 110 kV Bhira-Davdi Transmission Line (10.13 km) from Bhira Generating Station to Davdi Switching Station.
43. 110 kV Bhira-Khopoli 2 Transmission Line (50.96 km) from Bhira Generating Station to Khopoli Generating Station.
44. 110 kV Bhivpuri-Ambernath 1 Transmission Line (46.48 km) from Bhivpuri Generating Station to Ambernath Receiving Station.

45. 110 kV Borivali-Malad 1 Transmission Line (7.4 km) from Borivali Receiving Station to Malad Receiving Station.
46. 110 kV Borivali-Malad 2 Transmission Line (7.4 km) from Borivali Receiving Station to Malad Receiving Station.
47. 110 kV Carnac-BEST-Backbay 1 Transmission Line- Underground Cable (4.01 km) from Carnac Receiving Station to BEST Backbay Receiving Station.
48. 110 kV Carnac -TPC-T Backbay 2 Transmission Line- Underground Cable (4.00 km) from Carnac Receiving Station to TPC-T Backbay Receiving Station.
49. 110 kV Carnac-Grant Road Transmission Line- Underground Cable (3.6 km) from Carnac Receiving Station to Grant Road Receiving Station.
50. 110 kV Chola-Kalyan 1 Transmission Line (2.5 km) from Chola Sub-Station to Kalyan Receiving Station.
51. 110 kV Chola-Kalyan 2 Transmission Line (2.5 km) from Chola Sub-Station to Kalyan Receiving Station.
52. 110 kV Dharavi-Mahalaxmi Transmission Line- Underground Cable (6.4 km) from Dharavi Receiving Station to Mahalaxmi Receiving Station.
53. 110 kV Dharavi- TPC-T Vikhroli 1 Transmission Line and Underground Cable (10.92 km) from Dharavi Receiving Station to Vikhroli Receiving Station.
54. 110 kV MSETCL Kalwa- Tata Kalyan Transmission Line (16.80 km) from MSETCL Kalwa Receiving Station to Tata Kalyan Receiving Station.
55. 110 kV, 3 terminal line Kalyan-Kalwa-Salsette 1 Transmission Line (23.3 km) originating at Tata Kalyan Receiving Station and terminating at MSETCL Kalwa Receiving Station and Tata Salsette Receiving Station.
56. 110 kV, 3 terminal line Kalyan-Kalwa-Salsette 2 Transmission Line (22.84 km) originating at Tata Kalyan Receiving Station and terminating at MSETCL Kalwa Receiving Station and Tata Salsette Receiving Station.
57. 110 kV Khopoli-Bhivpuri Tie 1 Transmission Line (28.67 km) from Khopoli Generating Station to Bhivpuri Generating Station.
58. 110 kV Khopoli-Davdi Transmission Line (39.84 km) from Khopoli Generating Station to Davdi Switching Station.
59. 110 kV Khopoli Karanjade 2 Transmission Line and Underground Cable (36.20 ckt km) from Khopoli Generating Station to Karanjade Switching Station.
60. 110 kV Karanjade Waghivali 2 Underground Cable (7.72 ckt km) from Karanjade Switching Station to Waghivali Switching Station.
61. 110 kV Waghivali Chembur Transmission Line and Underground Cable (23.06 ckt km) from Waghivali Switching Station to Chembur Receiving Station.
62. 110 kV Khopoli Bhokarpada Transmission Line (22.75 ckt km) from Khopoli Generating Station to Bhokarpada Receiving Station.

63. 110 kV Bhokarpada Karanjade Transmission Line and Underground Cable (13.02 ckt km) from Bhokarpada Receiving Station to Karanjade Switching Station.
64. 110 kV Karanjade Waghivali 1 Underground Cable (7.72 ckt km) from Karanjade Switching Station to Waghivali Switching Station.
65. 110 kV Waghivali Mankhurd Transmission Line and Underground Cable (15.27 ckt km) from Waghivali Switching Station to Mankhurd Receiving Station.
66. 110 kV Malad-Versova 1 Transmission Line (7.75 km) from Malad Receiving Station to Versova Receiving Station.
67. 110 kV Malad-Versova 2 Transmission Line (7.75 km) from Malad Receiving Station to Versova Receiving Station.
68. 110 kV Parel-Grant Road Transmission Line Underground Cable (5.2 km) from Parel Receiving Station to Grant Road Receiving Station.
69. 110 kV Parel-Mahalaxmi 1 Transmission Line- Underground Cable (2.85 km) from Parel Receiving Station to Mahalaxmi Receiving Station.
70. 110 kV Parel-Mahalaxmi 2 Transmission line- Underground Cable (3.61 km) from Parel Receiving Station to Mahalaxmi Receiving Station.
71. 110 kV Parel-Mankhurd Transmission Line (11.1 km) from Parel Receiving Station to Mankhurd Receiving Station.
72. 110 kV Salsette-BMC Bhandup Transmission Line (3.41 km) from Salsette Receiving Station to BMC Bhandup Receiving Station.
73. 110 kV Salsette-Kolshet Transmission Line (10.91 km) from Salsette Receiving Station to Kolshet Receiving Station.
74. 110 kV Salsette-Saki 3 BKC Transmission Line and Underground Cable (16.20 km) from TPC Salsette Receiving Station to TPC Saki Receiving Station and BKC Receiving Station.
75. 110 kV Salsette-Saki 4 Kurla 1 Transmission Line and Underground Cable (12.88 km) from Salsette Receiving Station to Saki Receiving Station and TPC Kurla Receiving Station.
76. 110 kV Salsette-Vikhroli 1 Transmission Line and Underground Cable (7.34 km) from Salsette Receiving Station to Vikhroli Receiving Station.
77. 110 kV Tata Ambarnath-MSETCL Neral Transmission Line (40.35 km) from Ambarnath Receiving Station to MSETCL Neral Receiving Station.
78. 110 kV Tata Bhivpuri-MSETCL Neral Transmission Line (12.06 km) from Bhivpuri Generating Station to MSETCL Neral Receiving Station.
79. 110 kV Tata Borivali-MSETCL Borivali 1 Transmission Line (2.05 km) from Tata Borivali Receiving Station to MSETCL Borivali Receiving Station.
80. 110 kV Tata Borivali-MSETCL Borivali 2 Transmission Line (2.05 km) from Tata Borivali Receiving Station to MSETCL Borivali Receiving Station.
81. 110 kV Trombay-Carnac 3 Transmission Line and Underground Cable (12.77 km) from Trombay Receiving Station to Carnac Receiving Station.

82. 110 kV Trombay-Chembur 1 Transmission Line- Underground Cable (5.10 km) from Trombay Receiving Station to Chembur Receiving Station.
83. 110 kV Trombay-Chembur 2 Transmission Line- Underground Cable (4.90 km) from Trombay Receiving Station to Chembur Receiving Station.
84. 110 kV Trombay-Chembur 3 Transmission Line and Underground Cable (7.29 km) from Trombay Receiving Station to Chembur Receiving Station.
85. Spare circuit of 110 kV Trombay Dharavi 1 Transmission line (5.65 ckt km) from Dharavi Receiving Station to Antop Hill Receiving Station.
86. Spare circuit of 110 kV Dharavi-Somaiya Plot Transmission line (2.84 km) from Dharavi Receiving Station to Somaiya Plot (Tower location 33).
87. 110 kV, 3 Terminal Line- Trombay-Parel-Wadala- 1 Transmission Line (9.10 km) originating from Trombay Receiving Station and terminating at Parel Receiving Station and Central Railway, Wadala Receiving Station.
88. 110 kV Trombay-Parel 2 Transmission Line (8.69 km) from Trombay Receiving Station to Parel Receiving Station.
89. 110 kV, 3 terminal line Trombay-Parel 3 Transmission Line and Underground Cable (8.59 km) originating at Trombay Receiving Station and terminating at Parel Receiving Station.
90. 110 kV, 3 Terminal Line Trombay-Parel 4-Wadala 2 Transmission Line (10.12 km) originating from Trombay Receiving Station and terminating at Parel Receiving Station and Central Railway, Wadala Receiving Station.
91. 110 kV Salsette-Vikhroli 2 Transmission Line and Underground Cable (7.35 km) from Salsette Receiving Station to Vikhroli Receiving Station.
92. 110 kV Vikhroli Powai 2 Transmission Line and Underground Cable (2.95 km) from Vikhroli Receiving Station to Powai Receiving Station.
93. 110 kV Dharavi- Vikhroli 2 Transmission Line and Underground Cable (10.91 km) from Dharavi Receiving Station to Powai Receiving Station.
94. 110 kV Vikhroli Powai 1 Transmission Line and Underground Cable (2.87 km) from Vikhroli Receiving Station to Powai Receiving Station.
95. 110 kV Khopoli — CRSE 2 Transmission Line (1.02 km) from Khopoli Generating Station to Central Railway South East Receiving Station.
96. Intermediate spare section of the 110 kV Bhira-Khopoli 2 Transmission Line (9.84 km) from Devnhave to Katkarwadi kept charged from Khopoli Generating Station.
97. 110 kV feeders to Distribution Licensees (9.88 km):
 - a. 110 kV Tata Backbay — BEST 1 feeder– Underground Cable (0.14 km)
 - b. 110 kV Tata Backbay — BEST 2 feeder– Underground Cable (0.13 km)
 - c. 110 kV Tata Backbay —BEST 3 feeder– Underground Cable (0.12 km)
 - d. 110 kV Tata Backbay — BEST Nariman Point 2 Sakharbhavan feeder-

- Underground Cable (1.6 km)
- e. 110 kV BEST Backbay — BEST Nariman Point 1 Sakharbhavan feeder-
Underground Cable (1.6 km)
 - f. 110 kV Mahalaxmi — BEST 1 feeder-- Underground Cable (0.67 km)
 - g. 110 kV Mahalaxmi — BEST 2 feeder-- Underground Cable (0.67 km)
 - h. 110 kV Borivali — W Railway Borivali TSS- 1 feeder– Underground Cable (2.7 km)
 - i. 110 kV Borivali — W Railway Borivali TSS- 2 feeder– Underground Cable (2.7 km)
 - j. 110 kV Malad — W Railway- Jogeshwari TSS-1 feeder-(Underground Cable up to
Gantry) (0.15 km)
 - k. 110 kV Malad — W Railway- Jogeshwari TSS-2 feeder-(Underground Cable up to
Gantry) (0.15 km)
98. 110 kV feeders to Direct Consumers (11.34 km)
 - a. 110 kV Trombay — HPCL 1 feeder (1.9 km)
 - b. 110 kV Trombay — HPCL 2 feeder (1.9 km)
 - c. 110 kV Trombay — BARC 3 (Gantry) feeder (0.65 km)
 - d. 110 kV Trombay — BARC 4 (Gantry) feeder (0.65 km)
 - e. 110 kV Borivali -Metro Nancy Colony 1 feeder (3.12 km)
 - f. 110 kV Borivali -Metro Nancy Colony 2 feeder (3.12 km)
 99. 110 kV Khopoli-Bhivpuri Tie Transmission Line 2 (28.94 km) from Khopoli Receiving
Station to Bhivpuri Receiving Station.
 100. 110 kV Dharavi-BKC 3 Transmission line and Underground Cable (6.94 km) from
Dharavi Receiving Station to BKC Receiving Station.
 101. 110 kV Dharavi-BKC 4 Transmission line and Underground Cable (6.94 km) from
Dharavi Receiving Station to BKC Receiving Station.
 102. 110 kV Dharavi BKC 5 Transmission Line and Underground Cable (6.07 ckt km) from
Dharavi Receiving Station to BKC Receiving Station.
 103. 110 kV Dharavi-Kurla # 2 Transmission Line Underground Cable (7.55 km) from
Dharavi Receiving Station to Kurla Receiving Station.
 104. 110 kV Carnac Backbay 3 Transmission Underground Cable (4.20 km) from Carnac
Receiving Station to Backbay Receiving Station.
 105. Spare circuit of 110 kV BMC Bhandup Borivali transmission line (6.60 km) from BMC
Bhandup Receiving Station to Borivali Receiving Station (Tower Location 34).

“Existing Bays at Sub-stations”

400kV/220 kV/110 kV Substation						
Sr. No.	Name of Sub-station	400 kV (a)	220 kV (b)	110 kV (c)	33 kV (d)	22 / 11 / 6.6 kV (e) **
1.	Backbay Receiving Station	0	7	12	26	00
2.	Borivali Receiving Station	0	12	19	29	49
3.	Carnac Receiving Station	0	9	20	58	23
4.	Dharavi Receiving Station	0	13	36	76	67
5.	Mahalaxmi Receiving Station	0	8	17	55	26
6.	MSETCL Receiving Station Bays (2 Borivali SS , and 3 at Kalwa SS)	0	5	0	0	00
7.	Sahar Receiving Station	0	9	0	40	00
8.	Saki Receiving Station	0	9	13	25	57
9.	Salsette Receiving Station	0	16	23	0	31
10.	Trombay Receiving Station	0	5	29	0	34
11.	Versova Receiving Station	0	7	11	29	0
12.	Antop Hill Receiving Station	0	7	0	30	0
13.	Waghivali Switching Station	0	7	7	0	0
14.	Karanjade Switching Station	0	9	9	0	0
15.	Ambernath Receiving Station	0	0	11	0	22
16.	Bhivpuri Receiving Station	0	0	1	0	0
17.	Bhokarpada Receiving Station	0	0	8	17	0
18.	BKC Receiving Station	0	0	10	36	26
19.	Chembur Receiving Station	0	0	10	0	35
20.	Davdi Switching Station	0		7	0	0

400kV/220 kV/110 kV Substation						
Sr. No.	Name of Sub-station	400 kV (a)	220 kV (b)	110 kV (c)	33 kV (d)	22 / 11 / 6.6 kV (e) **
21.	Grant Road Receiving Station	0	0	5	0	0
22.	Kurla Receiving Station	0	0	7	19	0
23.	Kalyan Receiving Station	0	0	20	0	21
24.	Kolseth Receiving Station	0	0	7	0	16
25.	Malad Receiving Station	0	0	15	0	42
26.	Mankhurd Receiving Station	0	0	9	0	15
27.	Panvel Receiving Station	0	0	4	0	9
28.	Parel Receiving Station	0	0	20	36	65
29.	Powai Receiving Station	0	0	10	27	0
30.	Vikhroli Receiving Station	0	0	22	0	40
31.	Wadala Receiving Station	0	0	2	0	0

“Proposed – List of Transmission Lines”

400 kV Lines

1. 400 kV Vikhroli Dharavi Transmission underground cable (12 ckt.km) from Tata Power Vikhroli Receiving Station (New) to Dharavi Receiving Station.

220 kV Lines

2. 220 kV Versova-Vile Parle 1 Transmission Line (4.0 km) from TPC Versova Receiving Station to TPC-T Vile Parle Receiving Station.
3. 220 kV Versova-Vile Parle 2 Transmission Line (4.0 km) from TPC Versova Receiving Station to TPC-T Vile Parle Receiving Station.
4. 220 kV Borivali-Goregaon Transmission Line (8.0 km) from TPC Borivali Receiving Station to TPC-T Goregaon Receiving Station.
5. 220 kV Sahar-Goregaon Transmission Line (8.0 km) from TPC Sahar Receiving Station to TPC - T Goregaon Receiving Station.
6. 220 kV TPC Waghivali - MSETCL Waghivali 1 Transmission Line (3 km) from Tata Power Waghivali Switching Station to MSETCL Waghivali Substation.
7. 220 kV TPC Waghivali - MSETCL Waghivali 2 Transmission Line (3 km) from Tata Power Waghivali Switching Station to MSETCL Waghivali Substation.
8. LILO of 220 kV Dharavi Mahalaxmi Line (2 km) at Worli Receiving Station.
9. LILO of 220 kV Trombay Dharavi Lines (1.0 ckt km) at New Dharavi Receiving Station.
10. LILO of 220 kV Trombay-Carnac at MbPT 1 U/G cable (2.0 ckt km).
11. LILO of 220 kV Trombay-Carnac at MbPT 2 U/G cable (2.0 ckt km).
12. 220 kV Trombay Dharavi 5 Transmission line and Underground cable (12.10 ckt km) from Trombay Generating Station to Dharavi Receiving Station (Net addition of 1.1 ckt km post oil filled cable replacement by 220 kV XLPE cable).
13. 220 kV Trombay Dharavi 6 Transmission line and Underground cable (12.10 ckt km) from Trombay Generating Station to Dharavi Receiving Station (Net addition of 1.1 ckt km post oil filled cable replacement by 220 kV XLPE cable).
14. 220 kV Additional Dharavi Mahalaxmi Underground cable (7.0 ckt km) from Dharavi Receiving Station to Mahalaxmi Receiving Station.
15. 220 kV additional Mahalaxmi Backbay Underground Cable (11.40 ckt km) from Mahalaxmi Receiving Station to Backbay Receiving Station.
16. 220 kV AEML-T Chandivali - TPC Powai double circuit underground cable (8 ckt km) from AEML-T Chandivali Receiving Station to Tata Power-T Powai Receiving Station.
17. 220 kV Kalwa Kalyan Transmission line and underground cable (16 ckt km) from MSETCL Kalwa Receiving Station to Kalyan Receiving Station.
18. 220 kV Kalwa Pal Transmission line and underground cable (11 ckt km) from MSETCL

Kalwa Receiving Station to MSETCL Pal Receiving Station.

19. 220 kV Pal Kalyan Transmission line (5 ckt km) from MSETCL Pal Receiving Station to TPC Kalyan Receiving Station.
20. LILO of 220 kV TPC Trombay - KVTL Vikhroli Underground cable (4.0 ckt km) at Ghatkopar Pantnagar Receiving Station.
21. LILO of 220 kV Salsette Saki 7 and 220 kV Salsette Sahar line (0.2 ckt km) for providing power supply to Amazon Data Services(Powai Consumer funded).

110 kV Transmission Lines

22. 110 kV Trombay Carnac 3 Transmission Line and Underground Cable (13.45 ckt km) from Trombay Generating Station to Carnac Receiving Station (Net addition of 0.98 ckt km post oil filled cable replacement by 220 kV XLPE cable).
23. 110 kV Trombay Parel 3 Transmission Line and Underground Cable (9.95 ckt km) from Trombay Generating Station to Parel Receiving Station (Net addition of 1.36 ckt km post oil filled cable replacement by 110 kV XLPE cable).
24. 110 kV Parel-Mahalaxmi 1 Transmission Underground Cable (6.0 ckt km) from Parel Receiving Station to Mahalaxmi Receiving Station (Net addition of 3.15 ckt km post oil filled cable replacement by 110 kV XLPE cable).
25. 110 kV Parel-Grant Road Transmission Underground Cable (6 ckt km) from Parel Receiving Station to Grant Road Receiving Station (Net addition of 0.80 ckt km post oil filled cable replacement by 220 kV XLPE cable).
26. 110 kV Carnac-Grant Road Transmission Underground Cable (6 ckt km) from Carnac Receiving Station to Grant Road Receiving Station (Net addition of 2.4 ckt km post oil filled cable replacement by 220 kV XLPE cable).
27. LILO of 110 kV Khopoli Karanjade transmission line (2 ckt km) at Lodhivali Receiving Station.
28. LILO of 110 kV Khopoli Davdi Transmission Line (4 ckt km) at Mulshi Receiving Station.
29. 110 kV Bhira Khopoli transmission line (65 ckt km) from Bhira Receiving Station to Khopoli Receiving Station.
30. 110 kV Trombay Mankhurd line (10 ckt km) from Trombay Receiving Station to Mankhurd Receiving Station.
31. LILO of 110 kV Salsette Saki 4 line (0.45 ckt. Km) for providing power supply to IIT Powai(Consumer funded).
32. LILO of 110 kV Ambernath Neral Transmission Line (8 ckt km) at Badlapur Receiving Station.


“Proposed List of Bays”

400kV/220 kV /110kV Substation						
Sr. No.	Name of SS	400 kV (a)	220 kV (b)	110 kV (c)	33 kV (d)	22 /11 / 6.6 kV (e)
1.	Dharavi Receiving Station(2 nos. 110 kV of metro bays are consumer funded.)	10	2	2	0	0
2.	Vikhroli Receiving Station (New)	7	0	0	0	0
3.	New Dharavi Receiving Station	0	7	0	13	0
4.	Goregaon Receiving Station	0	7	0	15	0
5.	MBPT Receiving Station	0	7	0	15	0
6.	MSETCL Kalwa Receiving Station	0	2	0	0	0
7.	MSETCL Waghivali Switching Station	0	2	0	0	0
8.	Saki Receiving station	0	0	0		4
9.	Salsette Receiving Station	0	0	0	0	2
10.	Tata Power Waghivali Switching Station	0	4	2	0	0
11.	Trombay Receiving Station	0	2	1	9	0
12.	Vile-Parle Receiving Station	0	7	0	13	0
13.	Worli Receiving Station	0	7	0	15	0
14.	Karanjade Switching Station	0	1	1	16	0
15.	Borivali Receiving Station	0	1	0	4	0
16.	MSETCL Pal Receiving Station	0	2	0	0	0
17.	Ghatkopar Pant Nagar Receiving Station	0	7	0	15	0
18.	Kalyan Receiving Station	0	7	2		14
19.	Powai Receiving Station(2 nos. 110 kV of metro bays are consumer funded)	0	7	4	0	0
20.	Amazon Data Services(consumer	0	7	0	0	0

400kV/220 kV /110kV Substation						
Sr. No.	Name of SS	400 kV (a)	220 kV (b)	110 kV (c)	33 kV (d)	22 /11 / 6.6 kV (e)
	funded)					
21.	Ambarnath Receiving Station	0	0	0	0	2
22.	Central Railway Kanjurmarg TSS	0	0	5	0	0
23.	Chembur Receiving Station	0	0	0	0	3
24.	Metro Mandola TSS (consumer funded)	0	0	5	0	0
25.	Parel Receiving Station	0	0	6	0	0
26.	Vikhroli Receiving Station	0	0	0	0	32
27.	Lodhivali Receiving Station	0	0	7	15	0
28.	Malad Receiving Station	0	0	3	15	0
29.	BKC Receiving Station(Consumer funded)	0	0	2	0	0
30.	IIT Powai (consumer funded)	0	0	5	0	0
31.	Khopoli Receiving Station	0	0	2	0	0
32.	Mulshi Receiving Station	0	0	7	8	0
33.	Badlapur Receiving Station	0	0	7	15	0

All the terms and conditions of the Commission's Original Transmission Licence No. 1 of 2014 shall continue to apply to the Fourth Amendment to the Licence.

Sd/-
Secretary, MERC


(Dr. Rajendra G. Ambekar)
Secretary



Maharashtra Electricity Regulatory Commission,
Mumbai
Dated: 20 November 2024