

**Transmission Licence No. 1 of 2011 (Fourth Amendment)**

In pursuance of the Commission's Order dated **30 May 2023 in Case No. 127 of 2022**, amendments are made in the Transmission Licence No. 1 of 2011 granted to Adani Mumbai Electricity Limited. The revised list of "Existing Transmission Lines", "Proposed List of Transmission Lines", "Existing Bays at Sub-station", and "Proposed List of Bays" that the Transmission Licensee is authorized to establish and operate, inclusive of the related infrastructure, after the fourth amendment is as follows:

**"Existing Transmission Lines"**

1. 220 kV Dahanu - Ghodbunder Transmission Line 1 (84.61 km) from Dahanu EHV sub-station to Ghodbunder EHV sub-station
2. 220 kV Dahanu - Ghodbunder Transmission Line 2 (84.61 km) from Dahanu EHV sub-station to Ghodbunder EHV sub-station
3. 220 kV Dahanu - MSETCL Viraj Transmission Line (23.68 km) from Dahanu EHV sub-station to MSETCL Viraj EHV sub-station
4. 220 kV MSETCL Viraj - MSETCL Boisar Transmission Line (4.23 km) from MSETCL Viraj EHV sub-station to MSETCL Boisar EHV sub-station
5. 220 kV MSETCL Boisar - Versova Transmission Line (91.38 km) from MSETCL Boisar EHV sub-station to Versova EHV sub-station
6. 220 kV Dahanu - Versova Transmission Line (106.11 km) from Dahanu EHV sub-station to Versova EHV sub-station
7. 220 kV Ghodbunder - Gorai Transmission Line (9.72 km) from Ghodbunder EHV sub-station to Gorai EHV sub-station
8. 220 kV Gorai - Versova Transmission Line (12.15 km) from Gorai EHV sub-station to Versova EHV sub-station
9. 220 kV Ghodbunder - Versova Transmission Line 2 (20.65 km) from Ghodbunder EHV sub-station to Versova EHV sub-station

10. 220 kV Versova - Goregaon Transmission Line 1 (4.23 km) from Versova EHV sub-station to Goregaon EHV sub-station
11. 220 kV Goregaon - Aarey Transmission Line 1 (5.04 km) from Goregaon EHV sub-station to Aarey EHV sub-station
12. 220 kV Versova - Goregaon Transmission Line 2 (4.23 km) from Versova EHV sub-station to Goregaon EHV sub-station
13. 220 kV Goregaon - Aarey Transmission Line 2 (5.05 km) from Goregaon EHV sub-station to Aarey EHV sub-station
14. 220 kV Aarey - Saki Transmission Line 1 (4.00 km) from Aarey EHV sub-station to Saki EHV sub-station
15. 220 kV Aarey - Saki Transmission Line 2 (4.00 km) from Aarey EHV sub-station to Saki EHV sub-station
16. 220 kV Aarey - TPC Borivali Transmission Line (12.15 km) from Aarey EHV sub-station to TPC Borivali EHV sub-station
17. 220 kV Aarey - AEML Borivali Transmission Line (12.53 km) from Aarey EHV sub-station to AEML Borivali EHV sub-station
18. 220 kV AEML Borivali - TPC Borivali Transmission Line (0.10 km) from AEML Borivali EHV sub-station to TPC Borivali EHV sub-station
19. 220 kV MSETCL Borivali - Gorai Transmission Line 1 (9.10 km) from MSETCL Borivali EHV sub-station to Gorai EHV sub-station
20. 220 kV MSETCL Borivali - Gorai Transmission Line 2 (9.10 km) from MSETCL Borivali EHV sub-station to Gorai EHV sub-station
21. 220 kV MSETCL Borivali - AEML Borivali Transmission Line 1 (2.70 km) from MSETCL Borivali EHV sub-station to AEML Borivali EHV sub-station
22. 220 kV MSETCL Borivali - AEML Borivali Transmission Line 2 (2.70 km) from MSETCL Borivali EHV sub-station to AEML Borivali EHV sub-station
23. 220 kV Chembur - MSETCL Trombay Transmission Line 1 (8.13 km) from Chembur EHV sub-station to MSETCL Trombay EHV sub-station
24. 220 kV Chembur - MSETCL Trombay Transmission Line 2 (8.13 km) from Chembur EHV sub-station to MSETCL Trombay EHV sub-station
25. 220 kV MSETCL Boisar (Tower No. 257) - Ghodbunder Transmission Line (4.29 km) from MSETCL Boisar EHV sub-station to Ghodbunder EHV sub-station
26. 220 kV Ghodbunder - MSETCL Borivali (Tower No. 257) Transmission Line (4.29 km) from Ghodbunder EHV sub-station to MSETCL Boisar EHV sub-station
27. 220 kV AEML Saki - TPC Saki Transmission Line 1 (1.25 km) from AEML Saki EHV sub-station to TPC Saki EHV sub-station

28. 220 kV AEML Saki - TPC Saki Transmission Line 2 (1.22 km) from AEML Saki EHV sub-station to TPC Saki EHV sub-station
29. 220kV Aarey - MSETCL Borivali line 1 (12.70 km) from Aarey EHV sub-station to MSETCL Borivali EHV sub-station
30. 220kV Aarey - MSETCL Borivali line 2 (12.70 km) from Aarey EHV sub-station to MSETCL Borivali EHV sub-station
31. 220kV MSETCL Nerul-AEML Chembur transmission line (LILO at telecom factory) (2.78 km) from MSETCL Nerul EHV sub-station to AEML Chembur EHV sub-station
32. 220kV AEML Chembur-MSETCL Trombay transmission line (LILO at telecom factory) (2.78 km) from AEML Chembur EHV sub-station to MSETCL Trombay EHV sub-station

### “Existing Bays at Substation”

220 kV Substation			
Sr.No.	Name of SS	220 kV (a)	33 kV (b)
1	Aarey EHV Sub-station	17	82
2	Borivali EHV Sub-station	10	33
3	Chembur EHV Sub-station	10	42
4	Ghodbunder EHV Sub-station	19	59
5	Gorai EHV Sub-station	10	26
6	Goregaon EHV Sub-station	10	42
7	MSETCL Borivali EHV Sub-station	9	0
8	MSETCL Trombay EHV Sub-station	5	0
9	Saki EHV Sub-station	10	42
10	Versova EHV Sub-station	17	66

### “Proposed Transmission Lines”

1. 220 kV Ghodbunder - Dahisar Transmission Line 1 (6.50 km) from Ghodbunder EHV sub-station to Dahisar EHV sub-station
2. 220 kV Ghodbunder - Dahisar Transmission Line 2 (6.50 km) from Ghodbunder EHV sub-station to Dahisar EHV sub-station
3. 220 kV Chembur to BKC (Golibar) Transmission Line 1 (12 km) from Chembur EHV sub-station to BKC (Golibar) EHV sub-station
4. 220 kV Chembur to BKC (Golibar) Transmission Line 2 (12 km) from Chembur EHV sub-station to BKC (Golibar) EHV sub-station
5. 220 kV Aarey to BKC (Golibar) Transmission Line 1 (15.00 km) Aarey EHV sub-station to BKC (Golibar) EHV sub-station
6. 220 kV Aarey to BKC (Golibar) Transmission Line 2 (15.00 km) Aarey EHV sub-station

to BKC (Golibar) EHV sub-station

7. LILO of Aarey - BKC (Golibar) Ckt 1 at Airport EHV Station (4.00 km) from Aarey EHV sub-station to BKC (Golibar) Ckt 1 at Airport EHV sub-station
8. 220 kV LILO of DTPS/Boisar - Versova at Kandivali (W) EHV Station Transmission Line 1 (Boisar - Kandivali Connectivity) (3.65 km) from Boisar EHV sub-station to Kandivali EHV sub-station
9. 220 kV LILO of DTPS/Boisar - Versova at Kandivali (W) EHV Station Transmission Line 2 (Versova - Kandivali Connectivity) (3.65 km) from Versova EHV sub-station to Kandivali EHV sub-station
10. 220 kV Dahisar - Borivali Transmission Line 1 (6.00 km) from Dahisar EHV sub-station to Borivali EHV sub-station
11. 220 kV Dahisar - Borivali Transmission Line 2 (6.00 km) from Dahisar EHV sub-station to Borivali EHV sub-station
12. 220 kV LILO of TPC Salsette – Saki Line (220kV Chandivali EHV Scheme) Ckt 1 (0.35 km)
13. 220 kV LILO of TPC Salsette – Saki Line (220kV Chandivali EHV Scheme) Ckt 2 (0.35 km)
14. 220 kV AEML Aarey to proposed 220kV Chandivali EHV Scheme Ckt 1 (3.50 km)
15. 220 kV AEML Aarey to proposed 220kV Chandivali EHV Scheme Ckt 2 (3.50 km)
16. LILO of 220kV AEML Aarey-Borivali OH line at Malad by laying 220kV D/C Underground Cable (Ckt 1) (1.00 km)
17. LILO of 220kV AEML Aarey-Borivali OH line at Malad by laying 220kV D/C Underground Cable (Ckt 2) (1.00 km)

### “Proposed List of EHV Substation Bays”

220 kV Substation			
Sr.No.	Name of Sub-Station	220 kV (a)	33 kV (b)
1	Aarey EHV Sub-station	3	
2	Airport EHV Sub-station	9	28
3	Borivali EHV Sub-station	2	2
4	BKC (Golibar) EHV Sub-station	10	30
5	Dahisar EHV Sub-station	10	30
6	Ghodbunder EHV Sub-station	2	4
7	Kandivali EHV Sub-station	8	30
8	Switching Station - Boisar – Ghodbunder	7	
9	Versova EHV Sub-station		5
10	Chembur EHV Sub-station	1	
11	Chandivali EHV Sub-station	7	30
12	Malad EHV Sub-station	8	30
13	Gorai EHV Sub-station		1

All the terms and conditions of the Original Transmission Licence No. 1 of 2011 issued by the Commission will continue to be applicable to the fourth amendment to Transmission to Licence.

Secretary, MERC



Maharashtra Electricity Regulatory Commission,

Mumbai

Dated: 30 May, 2023