

## Appendix I

Note: The difference in the number of bays and lines proposed by AEML-T vis a vis proposed for amendment is because of the commissioning of the proposed assets in the existing license and added in the list of existing assets. Also the increase in proposed new substations and lines is because of proposed new substations such as 220 kV Chandivali, Kandivali, Khardanda, Malad etc. and associated lines which are part of STU five year plan.

The lines and bays shown in the Tables are as recommended by STU in its five year plan. The lines and Bays which are not part of STU plan (except part of existing license) are not considered to add in the “proposed list of Lines and Bays:

### **“Existing Transmission Lines vis a vis proposed Amendment”**

SN	Particulars / Ckt. Km	As per Licence (Including all amendments)	Revised	Remarks
1	220 kV Dahanu - Ghodbunder Transmission Line 1 (84.61 km) from Dahanu EHV substation to Ghodbunder EHV sub-station	84.61	84.61	No Change (NC)
2	220 kV Dahanu - Ghodbunder Transmission Line 2 (84.61 km) from Dahanu EHV substation to Ghodbunder EHV sub-station	84.61	84.61	NC
3	220 kV Dahanu - MSETCL Viraj Transmission Line (23.68 km) from Dahanu EHV substation to MSETCL Viraj EHV sub-station	26.38	26.38	NC
4	220 kV MSETCL Viraj - MSETCL Boisar Transmission Line (4.23 km) from MSETCL Viraj EHV sub-station to MSETCL Boisar EHV sub station	4.23	4.23	NC
5	220 kV MSETCL Boisar - Versova Transmission Line (91.38 km) from MSETCL Boisar EHV sub-station to Versova EHV sub station	91.38	91.38	NC
6	220 kV Dahanu - Versova Transmission Line (106.11 km) from Dahanu EHV sub-station to Versova EHV sub station	106.11	106.11	NC
7	220 kV Ghodbunder - Gorai Transmission Line (9.72 km) from Ghodbunder EHV substation to Gorai EHV sub statio	9.72	9.72	NC
8	220 kV Gorai - Versova	12.15	12.15	NC

SN	Particulars / Ckt. Km	As per Licence (Including all amendments)	Revised	Remarks
	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	20.65	20.65	NC
10	220 kV Versova - Goregaon Transmission Line 1 ( <del>4.23 km</del> 4.22 km) from Versova EHV substation to Goregaon EHV sub station	4.23	4.22	Change in ckt.km due to line diversion work for proposed Metro line 2A/7 by DMRC
11	220 kV Goregaon - Aarey Transmission Line 1 ( <del>4.91 km</del> 5.10 km) ) from Goregaon EHV substation to Aarey EHV sub station	4.91	5.10	Change in ckt.km due to line diversion work for proposed Metro line depot by MMRCL and Metro Line 2A/7 by DMRC
12	220 kV Versova - Goregaon Transmission Line 2 ( <del>4.23 km</del> 4.25 km) from Versova EHV substation to Goregaon EHV sub	4.23	4.25	Change in ckt.km due to line diversion work for proposed Metro line 2A/7 by DMRC
13	220 kV Goregaon - Aarey Transmission Line 2 ( <del>4.91 km</del> 5.11 km) from Goregaon EHV substation to Aarey EHV sub station	4.91	5.11	Change in ckt.km due to line diversion work for proposed Metro line depot by MMRCL and Metro Line 2A/7 by DMRC
14	220 kV Aarey - Saki Transmission Line 1 (4.00 km) ) from Aarey EHV sub-station to Saki EHV sub station	4.00	4.00	NC
15	220 kV Aarey - Saki Transmission Line 2 (4.00 km) from Aarey EHV sub-station to Saki EHV sub station	4.00	4.00	NC
16	220 kV Aarey - TPC Borivali Transmission Line ( <del>11.95 km</del> 12.19 km) from Aarey EHV substation to TPC Borivali EHV sub s	11.95	12.19	Change in ckt.km due to line diversion work for proposed Metro line depot by MMRCL and Metro Line 2A/7 by DMRC
17	220 kV Aarey - AEML Borivali Transmission Line ( <del>12.05 km</del> 12.35 km) from Aarey EHV substation to AEML Borivali EHV sub statio	12.05	12.35	Change in ckt.km due to line diversion work for proposed Metro line depot by MMRCL
18	220 kV AEML Borivali - TPC Borivali Transmission Line (0.10 km) from AEML Borivali EHV sub-station to TPC Borivali EHV sub station	0.10	0.10	NC

SN	Particulars / Ckt. Km	As per Licence (Including all amendments)	Revised	Remarks
19	220 kV MSETCL Borivali - Gorai Transmission Line 1 (9.10 km) from MSETCL Borivali EHV sub-station to Gorai EHV sub station	9.10	9.10	NC
20	220 kV MSETCL Borivali - Gorai Transmission Line 2 (9.10 km) from MSETCL Borivali EHV sub-station to Gorai EHV sub station	9.10	9.10	NC
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	2.70	2.70	NC
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	2.70	2.70	NC
23	220 kV Chembur - MSETCL Trombay Transmission Line 1 (8.13 km) from Chembur EHV sub-station to MSETCL Trombay EHV sub station	8.13	8.13	NC
24	220 kV Chembur - MSETCL Trombay Transmission Line 2 (8.13 km) from Chembur EHV sub-station to MSETCL Trombay EHV sub station	8.13	8.13	NC
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	4.29	4.29	NC
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	4.29	4.29	NC
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	1.25	1.25	NC
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	1.22	1.22	NC
29	220kV Aarey to MSETCL Borivali line 1 (12.70 km) from Aarey EHV sub-station to MSETCL Borivali		12.70	Scheme commissioned in FY 20, hence shifted from earlier proposed

SN	Particulars / Ckt. Km	As per Licence (Including all amendments)	Revised	Remarks
	EHV sub-station (FY 2020)			category sr. no. 3, with actual line length.
30	220kV Aarey to MSETCL Borivali line 2 (12.70 km) from Aarey EHV sub-station to MSETCL Borivali EHV sub-station (FY 2020)		12.70	Scheme commissioned in FY 20, hence shifted from earlier proposed category sr. no. 4, with actual line length.
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 (FY 2021)		2.78	Scheme commissioned in FY 21, hence shifted from earlier proposed category sr. no. 5, with actual line length.
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 (FY 2021)		2.78	Scheme commissioned in FY 21, hence shifted from earlier proposed category sr. no. 6, with actual line length.
		<b>541.13</b>	<b>573.03</b>	

**“List of the Existing Lines post Proposed Amendment”**

SN	Particulars	Ckt. Km
1	220 kV Dahanu - Ghodbunder Transmission Line 1 (84.61 km) from Dahanu EHV substation to Ghodbunder EHV sub-station	84.61
2	220 kV Dahanu - Ghodbunder Transmission Line 2 (84.61 km) from Dahanu EHV substation to Ghodbunder EHV sub-station	84.61
3	220 kV Dahanu - MSETCL Viraj Transmission Line (23.68 km) from Dahanu EHV substation to MSETCL Viraj EHV sub-station	26.38
4	220 kV MSETCL Viraj - MSETCL Boisar Transmission Line (4.23 km) from MSETCL Viraj EHV sub-station to MSETCL Boisar EHV sub station	4.23
5	220 kV MSETCL Boisar - Versova Transmission Line (91.38 km) from MSETCL Boisar EHV sub-station to Versova EHV sub station	91.38
6	220 kV Dahanu - Versova Transmission Line (106.11 km) from Dahanu EHV sub-station to Versova EHV sub station	106.11
7	220 kV Ghodbunder - Gorai Transmission Line (9.72 km) from Ghodbunder EHV substation to Gorai EHV sub statio	9.72
8	220 kV Gorai - Versova Transmission Line (12.15 km) from Gorai EHV sub-station to Versova EHV sub station	12.15
9	220 kV Ghodbunder - Versova Transmission Line 2 (20.65 km) from Ghodbunder EHV sub-station to Versova EHV sub station	20.65
10	220 kV Versova - Goregaon Transmission Line 1 (4.22 km) from Versova EHV substation to Goregaon EHV sub station	4.22
11	220 kV Goregaon - Aarey Transmission Line 1 (5.10 km) ) from Goregaon EHV substation to Aarey EHV sub station	5.10

SN	Particulars	Ckt. Km
12	220 kV Versova - Goregaon Transmission Line 2 (4.25 km) from Versova EHV substation to Goregaon EHV sub	4.25
13	220 kV Goregaon - Aarey Transmission Line 2 (5.11 km) from Goregaon EHV substation to Aarey EHV sub station	5.11
14	220 kV Aarey - Saki Transmission Line 1 (4.00 km) ) from Aarey EHV sub-station to Saki EHV sub station	4.00
15	220 kV Aarey - Saki Transmission Line 2 (4.00 km) from Aarey EHV sub-station to Saki EHV sub station	4.00
16	220 kV Aarey - TPC Borivali Transmission Line (12.19 km) from Aarey EHV substation to TPC Borivali EHV sub s	12.19
17	220 kV Aarey - AEML Borivali Transmission Line (12.35 km) from Aarey EHV substation to AEML Borivali EHV sub station	12.35
18	220 kV AEML Borivali - TPC Borivali Transmission Line (0.10 km) from AEML Borivali EHV sub-station to TPC Borivali EHV sub station	0.10
19	220 kV MSETCL Borivali - Gorai Transmission Line 1 (9.10 km) from MSETCL Borivali EHV sub-station to Gorai EHV sub station	9.10
20	220 kV MSETCL Borivali - Gorai Transmission Line 2 (9.10 km) from MSETCL Borivali EHV sub-station to Gorai EHV sub station	9.10
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	2.70
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	2.70
23	220 kV Chembur - MSETCL Trombay Transmission Line 1 (8.13 km) from Chembur EHV sub-station to MSETCL Trombay EHV sub station	8.13
24	220 kV Chembur - MSETCL Trombay Transmission Line 2 (8.13 km) from Chembur EHV sub-station to MSETCL Trombay EHV sub station	8.13
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	4.29
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	4.29
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	1.25
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	1.22
29	220kV Aarey to MSETCL Borivali line 1 (12.70 km) from Aarey EHV sub-station to MSETCL Borivali EHV sub-station (FY 2020)	12.70
30	220kV Aarey to MSETCL Borivali line 2 (12.70 km) from Aarey EHV sub-station to MSETCL Borivali EHV sub-station (FY 2020)	12.70
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 (FY 2021)	2.78
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 (FY 2021)	2.78
		<b>573.03</b>

**“Existing Bays at Substations with proposed for Amendment”**

Sr. No.	Existing Bays at Substation	As per Licence (Including all amendments)		Revised		Remarks
		220kV (a)	33kV (b)	220kV (a)	33kV (b)	
1	Aarey EHV Sub-station	17	80	17	<b>82</b>	<b>33kV</b> 33kV AIS to GIS Scheme - 2 Nos. of AIS Boards (20 Bays) replaced by 2 Nos. of GIS Boards (22 Bays)
2	Borivali EHV Sub-station	10	27	10	<b>33</b>	<b>33kV</b> 3rd Tr - 1 Nos. of GIS Boards (6 Bays) added
3	Chembur EHV Sub-station	10	42	10	42	NC
4	Ghodbunder EHV Sub-station	19	58	19	<b>59</b>	<b>33kV</b> 33kV AIS to GIS Scheme - 2 Nos. of AIS Boards (20 Bays) replaced by 2 Nos. of GIS Boards (21 Bays)
5	Gorai EHV Sub-station	10	26	10	26	NC
6	Goregaon EHV Sub-station	10	42	10	42	NC
7	MSETCL Borivali EHV Sub-station	9	0	9	0	NC
8	MSETCL Trombay EHV Sub-station	5	0	5	0	NC
9	Saki EHV Sub-station	10	42	10	42	NC
10	Versova EHV Sub-station	15	68	<b>17</b>	<b>66</b>	<b>220kV</b> - 2 nos. of Bays extension scheme for TPC Versova Connectivity, commissioned in FY 2020. - Hence, category changed from proposed to existing <b>33kV</b> 33kV AIS to GIS Scheme - 3 Nos. of AIS Boards (30 Bays) replaced by 3 Nos. of GIS Boards (28 Bays)
		<b>115</b>	<b>385</b>	<b>117</b>	<b>392</b>	

**“Existing Bays at Substations after proposed Amendments”**

Sr. No.	Name of SS	220kV (a)	33kV (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
		<b>117</b>	<b>392</b>

**“Proposed Transmission Lines : Existing vis a vis proposed Amendments Lines”**

SN	Particulars / Ckt. Km	As per Licence (Including all amendments)	Revised	Remarks
1	220 kV Ghodbunder-Dahisar transmission line 1 (6.50 km) from Ghodbunder EHV sub-station to Dahisar EHV sub-station	6.50	6.50	NC
2	220 kV Ghodbunder-Dahisar transmission line 2 (6.50 km) from Ghodbunder EHV sub-station to Dahisar EHV sub-station	6.50	6.50	NC
3	<del>220kV Aarey to MSETCL Borivali line 1 (15 km) from Aarey EHV sub-station to MSETCL Borivali EHV sub-station</del>	15.00		Shifted from Proposed to Existing
4	<del>220kV Aarey to MSETCL Borivali line 2 (15 km) from Aarey EHV sub-station to MSETCL Borivali EHV sub-station</del>	15.00		Shifted from Proposed to Existing
5	<del>220kV MSETCL Nerul AEML Chembur transmission line (LILO at telecom factory) (2.50 km) from MSETCL Nerul EHV sub-station to AEML Chembur EHV sub-station</del>	2.50		Shifted from Proposed to Existing
6	<del>220kV AEML Chembur MSETCL Trombay transmission line (LILO at telecom factory) (2.50 km) from AEML Chembur EHV sub-station to MSETCL Trombay EHV sub-station</del>	2.50		Shifted from Proposed to Existing
7	220kV Chembur to BKC (Golibar) transmission line 1 ( <del>10.50 km</del> 12.00)	10.50	12.00	As per DPR approved by the



SN	Particulars / Ckt. Km	As per Licence (Including all amendments)	Revised	Remarks
	km) from Chembur EHV sub-station to BKC (Golibar) EHV sub-station			Commission - Change in line length based on route length estimation now
8	220kV Chembur to BKC (Golibar) transmission line 2 ( <del>10.50 km</del> 12.00 km) from Chembur EHV sub-station to BKC (Golibar) EHV sub-station	10.50	12.00	As per DPR approved by the Hon'ble Commission - Change in line length based on route length estimation now
9	220kV Aarey to BKC (Golibar) transmission line 1 (15 km) from Aarey EHV sub-station to BKC (Golibar) EHV sub-station	15.00	15.00	NC
10	220kV Aarey to BKC (Golibar) transmission line 2 (15 km) from Aarey EHV sub-station to BKC (Golibar) EHV sub-station	15.00	15.00	NC
11	LILO of Aarey-BKC (Golibar) Ckt 1 at Airport EHV Station (4 km) from Aarey EHV sub-station to BKC (Golibar) Ckt 1 at Airport EHV sub-station	4.00	4.00	NC
12	220kV TPC-T Sahar-AEML-T Airport transmission line 1 (1.50 km) from TPC-T Sahar EHV sub-station to AEML-T Airport EHV sub-station	1.50	1.50	NC
13	220kV TPC-T Sahar-AEML-T Airport transmission line 2 (1.50 km) from TPC-T Sahar EHV sub-station to AEML-T Airport EHV sub-station	1.50	1.50	NC
14	220kV LILO of DTPS/Boisar - Versova at Kandivali (W) EHV Station transmission line 1 (Boisar-Kandivali Connectivity) ( <del>2 km</del> 3.65 km) from Boisar EHV sub-station to Kandivali EHV sub-station	2.00	3.65	As per STU 5 year plan - Change in line length based on route length estimation now
15	220kV LILO of DTPS/Boisar - Versova at Kandivali (W) EHV Station transmission line 2 (Versova-Kandivali Connectivity) ( <del>2 km</del> 3.65 km) from Versova EHV sub-station to Kandivali EHV sub-station	2.00	3.65	As per STU 5 year plan - Change in line length based on route length estimation now
16	220kV Dahisar - Borivali transmission line 1 (6 km) from Dahisar EHV sub-station to Borivali EHV sub-station	6.00	6.00	NC



SN	Particulars / Ckt. Km	As per Licence (Including all amendments)	Revised	Remarks
17	220kV Dahisar - Borivali transmission line 2 (6 km) from Dahisar EHV sub-station to Borivali EHV sub-station	6.00	6.00	NC
18	220 kV LILO of TPC Salsette – Saki Line (220kV Chandivali EHV Scheme) Ckt 1 (0.35 km)		0.35	As per STU 5 year plan - line length based on route length estimation now
19	220 kV LILO of TPC Salsette – Saki Line (220kV Chandivali EHV Scheme) Ckt 2 (0.35 km)		0.35	As per STU 5 year plan - line length based on route length estimation now
20	220 kV AEML Aarey to proposed 220kV Chandivali EHV Scheme Ckt 1 (3.50 km)		3.50	As per STU 5 year plan - line length based on route length estimation now
21	220 kV AEML Aarey to proposed 220kV Chandivali EHV Scheme Ckt 2 (3.50 km)		3.50	As per STU 5 year plan - line length based on route length estimation now
22	LILO of 220kV AEML Aarey-Borivali OH line at Malad by laying 220kV D/C Underground Cable (Ckt 1) (1.00 km)		1.00	As per STU 5 year plan - line length based on route length estimation now
23	LILO of 220kV AEML Aarey-Borivali OH line at Malad by laying 220kV D/C Underground Cable (Ckt 2) (1.00 km)		1.00	As per STU 5 year plan - line length based on route length estimation now
24	220kV D/C Versova - Khardanda line by Underground Cable (Ckt 1) (9.00 km)		9.00	As per STU 5 year plan - line length based on route length estimation now
25	220kV D/C Versova - Khardanda line by Underground Cable (Ckt 1) (9.00 km)		9.00	As per STU 5 year plan - line length based on route length estimation now
		<b>122.00</b>	<b>121.00</b>	

**“Proposed Transmission Lines : After Amendments Lines”**

<b>SN</b>	<b>Particulars</b>	<b>Ckt. Km</b>
<b>Approved by Hon'ble Commission till date:</b>		
1	220kV Chembur to BKC (Golibar) transmission line 1 (12.00 km) from Chembur EHV sub-station to BKC (Golibar) EHV sub-station	12.00
2	220kV Chembur to BKC (Golibar) transmission line 2 (12.00 km) from Chembur EHV sub-station to BKC (Golibar) EHV sub-station	12.00
<b>As per STU 5 year plan:</b>		
3	220 kV Ghodbunder-Dahisar transmission line 1 (6.50 km) from Ghodbunder EHV sub-station to Dahisar EHV sub-station	6.50
4	220 kV Ghodbunder-Dahisar transmission line 2 (6.50 km) from Ghodbunder EHV sub-station to Dahisar EHV sub-station	6.50
5	220kV Aarey to BKC (Golibar) transmission line 1 (15 km) from Aarey EHV sub-station to BKC (Golibar) EHV sub-station	15.00
6	220kV Aarey to BKC (Golibar) transmission line 2 (15 km) from Aarey EHV sub-station to BKC (Golibar) EHV sub-station	15.00
7	LILO of Aarey-BKC (Golibar) Ckt 1 at Airport EHV Station (4 km) from Aarey EHV sub-station to BKC (Golibar) Ckt 1 at Airport EHV sub-station	4.00
8	220kV LILO of DTSP/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	3.65
9	220kV LILO of DTSP/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	3.65
10	220kV Dahisar - Borivali transmission line 1 (6 km) from Dahisar EHV sub-station to Borivali EHV sub-station	6.00
11	220kV Dahisar - Borivali transmission line 2 (6 km) from Dahisar EHV sub-station to Borivali EHV sub-station	6.00
12	220 kV LILO of TPC Salsette – Saki Line (220kV Chandivali EHV Scheme) Ckt 1 (0.35 km)	0.35
13	220 kV LILO of TPC Salsette – Saki Line (220kV Chandivali EHV Scheme) Ckt 2 (0.35 km)	0.35
14	220 kV AEML Aarey to proposed 220kV Chandivali EHV Scheme Ckt 1 (3.50 km)	3.50
15	220 kV AEML Aarey to proposed 220kV Chandivali EHV Scheme Ckt 2 (3.50 km)	3.50
16	LILO of 220kV AEML Aarey-Borivali OH line at Malad by laying 220kV D/C Underground Cable (Ckt 1) (1.00 km)	1.00
17	LILO of 220kV AEML Aarey-Borivali OH line at Malad by laying 220kV D/C Underground Cable (Ckt 2) (1.00 km)	1.00
18	220kV D/C Versova - Khardanda line by Underground Cable (Ckt 1) (9.00 km)	9.00
19	220kV D/C Versova - Khardanda line by Underground Cable (Ckt 1) (9.00 km)	9.00
<b>As per DPR submitted to STU (Not part of STU 5 year plan):</b>		
20	220kV TPC-T Sahar-AEML-T Airport transmission line 1 (1.50 km) from TPC-T Sahar EHV sub-station to AEML-T Airport EHV sub-station	1.50
21	220kV TPC-T Sahar-AEML-T Airport transmission line 2 (1.50 km) from TPC-T Sahar EHV sub-station to AEML-T Airport EHV sub-station	1.50
		<b>121.00</b>

**“Comparison of Proposed List existing Bays vis a vis proposed for Amendments of EHV Substation Bays”**

Sr. No.	Name of SS	As per Licence (Including all amendments)		Revised		Remarks
		220kV (a)	33kV (b)	220kV (a)	33kV (b)	
1	Aarey EHV Sub-station	2		3	-	1. 2 no. Bays for Aarey - BKC DPR connectivity. As per STU 5 year plan (part of B - Link lines). Also part of License in Case No. 195 of 2019 2. 1 no. Bay for 220 kV AIS to GIS conversion at Aarey S/stn - as per DPR approved by the Commission
2	Airport EHV Sub-station	9	28	9	28	NC
3	Borivali EHV Sub-station	2	6	2	2	1. 2 no. of 220 kV Bays for Dahiar - Borivali (2nd feed) - As per STU 5 year plan (part of B-Link lines). Also part of License in Case No. 195 of 2019 2. 3rd Transformer at Borivali S/stn - 1 Nos. of GIS Boards (6 no. 33 kV Bays) added 2. Shifted from proposed to existing 3. 2 no. 33 kV Bays to be added as part of Reactor DPR. As per STU 5 year plan (part of D-Reactor installation)
4	BKC (Golibar) EHV Sub-station	9	28	10	30	1. DPR approved by the Commission 2. Change in 33 kV Bays due to - 2 no. of 33 kV Bays being added for reactors. 3. Change in 220 kV Bays due to - 1 no. 220 kV bay being added for 3rd transformer at BKC EHV S/stn (as per STU 5 year plan - part of C - Transformer addition)
5	Dahisar EHV Sub-station	11	28	10	30	As per STU 5 year plan - No. of bays as per proposed DPR submitted to STU
6	Ghodbunder EHV Sub-station	2		2	4	1. 2 no. of 220 kV Bays for proposed Dahisar Stn (as per STU 5 year plan) connectivity from Ghodbunder S/stn 2. 4 no. of 33 kV Bays for proposed reactor installation at Ghodbunder S/stn (as per STU 5 year plan - part of D - Reactor installation)

Sr. No.	Name of SS	As per Licence (Including all amendments)		Revised		Remarks
		220kV (a)	33kV (b)	220kV (a)	33kV (b)	
7	Kandivali EHV Sub-station	7	28	8	30	1. As per STU 5 year plan - No. of bays as per proposed DPR submitted to STU 2. Change in 220 kV Bays due to addition of 1 no. Bay for 3rd transformer (As per STU 5 year plan - part of C - Transformer addition) 3. Change in 33 kV Bays due to addition of 2 no. of Bays for Reactors - as per Revised DPR submitted to STU
8	Switching Station - Boisar - Ghodbunder	7		7		As per approved DPR by the Hon'ble Commission - No. of Bays as per approved DPR
9	Versova EHV Sub-station	2		-	5	1. 2 nos. of 220 kV Bays extension scheme for TPC Versova Connectivity, commissioned in FY 2020. Shifted from proposed to existing 2. 5 no. of 33 kV Bays for proposed reactor installation at Versova S/stn (as per STU 5 year plan - part of D - Reactor installation)
10	Chembur EHV Sub-station			1		1 No. 220 kV Bay for 120 MVAR Reactor at Chembur (As per STU 5 year plan - part of D - Reactor installation)
11	Chandivali EHV Sub-station			7	30	As per STU 5 year plan - No. of bays as per proposed DPR submitted to STU
12	Khardanda EHV Sub-station			8	30	As per STU 5 year plan - No. of bays as per proposed DPR submitted to STU
13	Malad EHV Sub-station			8	30	As per STU 5 year plan - No. of bays as per proposed DPR submitted to STU
15	Gorai EHV Sub-station				1	1. 1 no. of 33 kV Bays for proposed reactor installation at Gorai S/stn (as per STU 5 year plan - part of D - Reactor installation)
		<b>51</b>	<b>118</b>	<b>75</b>	<b>220</b>	

**“List proposed Bays at Substation Bays post amendments”**

<b>Sr. No.</b>	<b>Name of SS</b>	<b>220kV (a)</b>	<b>33kV (b)</b>
<b>Approved by Hon'ble Commission till date:</b>			
1	Aarey EHV Sub-station	3	-
2	BKC (Golibar) EHV Sub-station	10	30
3	Switching Station - Boisar - Ghodbunder	7	
<b>As per STU 5 year plan:</b>			
4	Airport EHV Sub-station	9	28
5	Borivali EHV Sub-station	2	2
6	Dahisar EHV Sub-station	10	30
7	Ghodbunder EHV Sub-station	2	4
8	Kandivali EHV Sub-station	8	30
9	Versova EHV Sub-station	-	5
10	Chembur EHV Sub-station	1	
11	Chandivali EHV Sub-station	7	30
12	Khardanda EHV Sub-station	8	30
13	Malad EHV Sub-station	8	30
14	Gorai EHV Sub-station		1
		<b>75</b>	<b>220</b>

All the existing and proposed Lines and Bays are as per the STU's five year plan and recommended by STU.