**Recreated amendment to para “3. Area of Transmission” of the License No. 01 of 2011**

**3. Area of Transmission**

The Licence authorizes the Transmission Licensee to establish and operate the following transmission lines inclusive of related infrastructure:

| **Existing Transmission lines** |
| --- |

| **SN** | **Particulars** |
| --- | --- |
| 1 | 220 kV Dahanu - Ghodbunder Transmission Line 1 (84.58 km) from Dahanu EHV substation to Ghodbunder EHV sub-station |
| 2 | 220 kV Dahanu - Ghodbunder Transmission Line 2 (84.58 km) from Dahanu EHV substation to Ghodbunder EHV sub-station |
| 3 | 220 kV Dahanu - MSETCL Viraj Transmission Line (26.42 km) from Dahanu EHV substation to MSETCL Viraj EHV sub-stati |
| 4 | 220 kV MSETCL Viraj - MSETCL Boisar Transmission Line (4.24 km) from MSETCL Viraj EHV sub-station to MSETCL Boisar EHV sub station |
| 5 | 220 kV MSETCL Boisar - Versova Transmission Line (91.03 km) from MSETCL Boisar EHV sub-station to Versova EHV sub station |
| 6 | 220 kV Dahanu - Versova Transmission Line (105.92 km) from Dahanu EHV sub-station to Versova EHV sub station |
| 7 | 220 kV Ghodbunder - Gorai Transmission Line (9.76 km) from Ghodbunder EHV substation to Gorai EHV sub statio |
| 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 (20.69 km) from Ghodbunder EHV sub-station to Versova EHV sub station |
| 10 | 220 kV Versova - Goregaon Transmission Line 1 (4.26 km) from Versova EHV substation to Goregaon EHV sub statio |
| 11 | 220 kV Goregaon - Aarey Transmission Line 1 (5.19 km) ) from Goregaon EHV substation to Aarey EHV sub station |
| 12 | 220 kV Versova - Goregaon Transmission Line 2 (4.24 km) from Versova EHV substation to Goregaon EHV sub |
| 13 | 220 kV Goregaon - Aarey Transmission Line 2 (5.20 km) from Goregaon EHV substation 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 (12.21 km) from Aarey EHV substation to TPC Borivali EHV sub s |
| 17 | 220 kV Aarey - AEML Borivali Transmission Line (12.60 km) from Aarey EHV substation to AEML Borivali EHV sub statio |
| 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 | 220 kV Aarey to MSETCL Borivali line 1 (12.70 km) from Aarey EHV sub-station to MSETCL Borivali EHV sub-station |
| 30 | 220 kV Aarey to MSETCL Borivali line 2 (12.70 km) from Aarey EHV sub-station to MSETCL Borivali EHV sub-station |
| 31 | 220 kV 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 | 220 kV 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** | **220kV (a)** | **33kV (b)** |
| 1 | Aarey EHV Sub-station | 18 | 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** |

| **SN** | **Particulars** |
| --- | --- |
| 1 | 220kV Chembur to BKC transmission line 1 (12 km) from Chembur EHV sub-station to BKC EHV sub-station |
| 2 | 220kV Chembur to BKC transmission line 2 (12 km) from Chembur EHV sub-station to BKC EHV sub-station |
| 3 | 220 kV LILO of KVPTL Vikhroli – TPC Saki Line (220kV Chandivali EHV Scheme) Ckt 1 (0.35 km) |
| 4 | 220 kV LILO of KVPTL Vikhroli – TPC Saki Line (220kV Chandivali EHV Scheme) Ckt 2 (0.35 km) |
| 5 | 220 kV Ghodbunder-Dahisar transmission line 1 (6.50 km) from Ghodbunder EHV sub-station to Dahisar EHV sub-station |
| 6 | 220 kV Ghodbunder-Dahisar transmission line 2 (6.50 km) from Ghodbunder EHV sub-station to Dahisar EHV sub-station |
| 7 | 220kV Aarey to BKC transmission line 1 (17.50 km) from Aarey EHV sub-station to BKC EHV sub-station |
| 8 | 220kV Aarey to BKC transmission line 2 (17.50 km) from Aarey EHV sub-station to BKC EHV sub-station |
| 9 | 220kV LILO of DTPS/Boisar - Versova at Kandivali (W) EHV Station transmission line 1 (Boisar-Kandivali Connectivity) (4.20 km) from Boisar EHV sub-station to Kandivali EHV sub-station |
| 10 | 220kV LILO of DTPS/Boisar - Versova at Kandivali (W) EHV Station transmission line 2 (Boisar-Kandivali Connectivity) (4.20 km) from Boisar EHV sub-station to Kandivali EHV sub-station |
| 11 | 220 kV LILO of AEML Dahanu - Versova line (4 km) at Uttan Ckt1 |
| 12 | 220 kV LILO of AEML Dahanu - Versova line (4 km) at Uttan Ckt2 |
| 13 | 220kV LILO of Aarey - BKC line at Khardanda by Underground Cable (Ckt 1) (3.50 km) |
| 14 | 220kV LILO of Aarey - BKC line at Khardanda by Underground Cable (Ckt 2) (3.50 km) |
| 15 | 220 kV AEML Aarey to proposed 220kV Chandivali EHV Scheme Ckt 1 (3.00 km) |
| 16 | 220 kV AEML Aarey to 220kV TPC Saki EHV S/s Ckt 2 (3.60 km) |
| 17 | LILO of Aarey-BKC Ckt 1 at Airport EHV Station (2.00 km) from Aarey EHV sub-station to BKC Ckt 1 at Airport EHV sub-station |
| 18 | LILO of Aarey-BKC Ckt 1 at Airport EHV Station (2.00 km) from Aarey EHV sub-station to BKC Ckt 2 at Airport EHV sub-station |
| 19 | 220kV Dahisar - Borivali transmission line 1 (6 km) from Dahisar EHV sub-station to Borivali EHV sub-station |
| 20 | 220kV Dahisar - Borivali transmission line 2 (6 km) from Dahisar EHV sub-station to Borivali EHV sub-station |
| 21 | LILO of 220kV AEML Aarey-TPC Borivali OH line at Malad by laying 220kV D/C Underground Cable (Ckt 1) (1.00 km) |
| 22 | LILO of 220kV AEML Aarey-TPC Borivali OH line at Malad by laying 220kV D/C Underground Cable (Ckt 2) (1.00 km) |
| 23 | 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 |
| 24 | 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 |
| 25 | 220kV LILO of TPC Trombay –Salsette Line at Tilak Nagar / Sidhartha Nagar EHV S/s (Ckt 1) (2 Kms) |
| 26 | 220kV LILO of TPC Trombay –Salsette Line at Tilak Nagar / Sidhartha Nagar EHV S/s (Ckt 2) (2 Kms) |
| 27 | LILO of 220kV Aarey - Chandivali line at Nahar EHV S/s (Ckt 1) (4.5 Kms) |
| 28 | LILO of 220kV Aarey - Chandivali line at Nahar EHV S/s (Ckt 2) (4.5 Kms) |
| 29 | 220kV Ghodbunder – Boisar / Borivali LILO at Kashi Village EHV S/s (Ckt 1) (0.5 Kms) |
| 30 | 220kV Ghodbunder - Boisar / Borivali LILO at Kashi Village EHV S/s (Ckt 2) (0.5 Kms) |
| 31 | 220kV TPC Trombay – TPC Salsette LILO at Tagore Nagar S/s (Ckt 1) (0.5 Kms) |
| 32 | 220kV TPC Trombay – TPC Salsette LILO at Tagore Nagar S/s (Ckt 2) (0.5 Kms) |
| 33 | LILO of MSETCL Borivali- Gorai at Vazira Naka (Don Bosco) EHV S/s (Ckt 1) (0.5 Kms) |
| 34 | LILO of MSETCL Borivali- Gorai at Vazira Naka (Don Bosco) EHV S/s (Ckt 2) (0.5 Kms) |

|  |
| --- |
| **Proposed List of EHV Substation Bays** |

| **220 kV Sub-station** | | | | |
| --- | --- | --- | --- | --- |
| **Sr** | **Name of SS** | **220kV (b)** | | **33kV (c)** |
| 1 | Aarey EHV Sub-station | 4 | |  |
| 2 | Airport EHV Sub-station | 10 | | 43 |
| 3 | Borivali EHV Sub-station | 2 | | 2 |
| 4 | BKC EHV Sub-station | 10 | | 47 |
| 5 | Dahisar EHV Sub-station | 10 | | 45 |
| 6 | Ghodbunder EHV Sub-station |  | | 4 |
| 7 | Kandivali EHV Sub-station | 8 | | 45 |
| 8 | Switching Station - Boisar - Ghodbunder | 7 | |  |
| 9 | Versova EHV Sub-station | 1 | | 5 |
| 10 | Chembur EHV Sub-station | 3 | |  |
| 11 | Chandivali EHV Sub-station | 9 | | 45 |
| 12 | Malad EHV Sub-station | 8 | | 45 |
| 13 | Gorai EHV Sub-station |  | | 1 |
| 14 | Khardanda EHV Sub-station | 8 | | 45 |
| 15 | Uttan EHV Sub-station | 8 | | 45 |
| 16 | Tilak Nagar / Siddharth Nagar EHV Sub-station | 8 | | 45 |
| 17 | 250 MW BESS Sub-station at Dahanu | 10 | | 48 |
| 18 | Nahar EHV Sub-Station | 8 | | 45 |
| 19 | Kashi EHV Sub-Station | 8 | | 45 |
| 20 | Tagore Nagar EHV Sub-Station | 8 | | 45 |
| 21 | Vazira Naka (Don Bosco) EHV S/s | 7 | 30 | |

**NOTE: 1.**

The Transmission Licensee shall execute Connection Agreements with the other Licensees regarding the interconnection points of the above lines / sub-station bays, defining and documenting therein the exact details of the boundaries and interface points.