

AMRAVATI

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
A-1	SUB-STATION	765 KV	0						
		400kV	1			400kV NandgaonPeth (2x500MVA ICT)	1000		
		220kV	4	220/132 kV Warud, District Amravati (Back charged 04.08.2021) (220kV Bus permanently charged on dtd.21.09.2023)	200			220/132/33kV Lonar , District-Buldhana (BR sanctioned)	250
								220/132/33kV Wadai Satwai, Dist: Akola	250
								220/33 kV Babhulgaon SS Dist: Yavatmal	200
		132kV	6	132kV Nandura Dist.Buldhana	50			132kV Pinjar (Barshi Takali) SS Dist: Akola	50
				132/33 kV Karajgaon, District Amravati (BR sanctioned)	50			132/33 kV Amdapur Tal: Chikhali Dist: Buldhana	50
								132kV Fulsawangi SS Dist: Yavatmal	50
								132/33 kV Mukutban, District-Yavatmal (BR sanctioned)	50
		110kV							
		100kv							

AMRAVATI

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
		765kV							
		400kV				LILO on 400kV Koradi-M/s RIPL Nandgaonpeth SC/SC-5 km	10		
		220kV		220 kV Kalmeshwar - Warud DC Line- 171.27 ckm for Warud ss (Spillover/WIP)	171.27	220kV DC Nandgaonpeth-Nandgaonpeth -1 km	2	220 kV Malegaon - Lonar DC line - 72 km	144
						220kV line from 400kV Nandgapeth-Anjangaon -60km	120	220 kV Ner-Bhabulgaon DCDC line -24 km for 220 kV Bhabulgaon S/S	
						220kV line from 400kV Nandgapeth-Warud -60km	120	220kV Dhamangaon- Bhabulgaon DCDC line-33km	66
								LILO on one ckt of 220kV Akola-Anjangaon DCDC line for 220kV Wadai Satwai SS -25km OR LILO on one ckt of 220kV Paras-Akola DCDC line.	50

AMRAVATI

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
A-2	ASSOCIATED LINES	132kV		LILO on 132 kV Chandur Bazar - Achalpur line at Karajgaon - 18kms	36			LILO on 132 kV Malegaon - Mehekar SCDC Line at Lonar- 38km	76
				LILO on 132kV Khamgaon- Malkapur line at Nandura - 3 km	6			132kV Murtizapur – Pinjar (Barshi Takli) DCDC Line for 132kV Pinjar (Barshi Takli) SS – 19 km.	38
								LILO on one ckt of 132 kV Dugarbid - Mantha line at Lonar- 18km	36
								LILO on one ckt of 132 kV DCDC line from Pandharkwda - Mukutban TSS at Mukutban - 6 km	12
								LILO on 132kV Khamgaon – Chikhali SCDC line at Amdapur OR LILO on 132kV Chikhali – Mehekar at 132KV Amdapur SS).(NEW)	6
								132kV Babhulgaon- Ralegaon DCDC line- 40m (NEW)	80
								LILO on 132kV Arvi- Pulgaon SCDC line -30km (NEW) at 220kV Babhulgaon	60
								132 kV SCDC line from Lonar - Risod- 32 km	64
								LILO on 132 kV Akot-Hiwarkhed & LILO on 132 kV Balapur - akot @ Wadai -Satwai	
								LILO on 132kV Pusad – Gunj line at 132kV Fulsawangi S/Stn – 25 kms (NEW in Plan 2023-24 to 2032-33)	50
		110kV							
		100kV							

AMRAVATI

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
B	LINK LINES	765kV							
		400kV							
		220kV		220 kV Yavatmal LILO pt - Ghatodi DC line (Balance work of Deoli-Ghatodi) - 116 km (Part B)	234	220kV DCDC line from 220kV Partur to 220kV Lonar SS (NEW)	61	220kV Malkapur – Bhusawal corridor SCDC line (NEW)	53
		132kV		LILO 132KV Nagewadi -Jafrabad -S/c at 132kV Deoulgaonraja - 16km	32	132 kV Warvat Bakhal -Hivarkhed SCDC -26 kM	36	Conversion of 132kV Malkapur-Motala- Buldhana-Chikhali SCSC line into DCDC Line (NEW)	37
						132 kV Jalgaon Jamod - Nandura (Prop) SCDC - 30 kM	30		
						132kV Karanja –Murtizapur SCDC Line – 39 km (NEW)	78		
		110kV							
		100kV							
C-1	2nd CIRCUIT STRING	220kV		2nd ckt stringing of 220kV Badnera- Ner line with HTLS conductor (NEW)	41.85				
		132kV		132kV Nepanagar(Pipalpani) - Dharni	60				
				60km (Req. for MSKVY also)					
				Malegaon - Mehekar- 44km (WIP)	44				
		110kV							
		100kV							

AMRAVATI

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
C-2	HIGH AMPICITY CONDUCTOR	400kV							
		220kV		Replacement of existing conductor by HTLS for 220kV Paras-Chikhali Ckt-1 (NEW)	85.2	Replacement of existing conductor by HTLS for 220kV Balapur-Malkapur ckt (NEW)	73.08	Replacement of existing conductor by HTLS for 220kV Balapur-Malegaon DCDC line (NEW)	71
						220 kV Badnera-Ner Ckt-I (NEW)	41.25		
		132kV		132 kV SC line from 220 kV Warud to 132 kV Warud s/s - 36km	36	132 kV Malegaon (Zodga)-Malegaon DC line -10km (RE)	10	132 kV Ghatodi -Jambazar (RE)	10
								132 kV Arni - Digras (RE)	20
								132 kV Arni -Ghatodi (RE)	40
						132 kV Ghatodi-Pusad SC line -21 km (RE)	21	132 kV Nandgaonpeth-Amravati SC line-40 km (RE) (New)	40
		110kV							
		100kV							
C-3	REPLACEMENT OF CONDUCTOR	220kV							
		132kV							
C-4	CONVERSION OF LINE	220kV							
		132kV				132 kV Balapur-Partur-Malegaon-Risod SCSC to DCDC 116 kM	116	132 kV Balapur-Akot SCSC to DCDC 58kM	58
D-1	CREATION OF NEW LEVEL	400kV							
		220kV		Warud (2X25)MVA 220/33kV	50				
		132kV							
		33kV							
D-2	ADDITION OF ICT	765kV							
		400kV							
		220kV		220 kV Maleaon(zodga) 220/132 1x 100 MVA ICT-IV	100	Malkapur (1x100)MVA 220/132kV ICT 3rd (RE)	100		

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
D-3	REPLACEMENT OF ICT	400kV		Replacement of First 3x105MVA (315MVA) by 3x167 MVA (501MVA) 400/220/33 kV ICT at 400kV Akola SS (NEW in Plan 2023-24 to 2032-33)	185				
		220kV							
D-4	TRANSFORMER ADDITION	220kV		Ner (1x50)MVA 220/33kV TF 3rd (RE)	50	220kV Badnera SS(1x50MVA, 220/33 kV) (NEW in Plan 2023-24 to 2032-33)	50		
		132 kV		132kV Magarulpur (1x25MVA, 132/33 kV) (NEW in Plan 2023-24 to 2032-33)	25				
				132kV Malegoan SS (1x50MVA, 132/33 kV) (NEW in Plan 2023-24 to 2032-33)	50			132kV Akot SS- 1x50MVA,132/33kV TF (NEW in Plan 2023-24 to 2032-33)	50
				132kV Arni 132/33 kV 25 MVA T/F (MSKVY) (NEW)	25				
				132kV Mehkar SS(1x50MVA, 132/33 kV) (NEW in Plan 2023-24 to 2032-33)	50				
				132kV Digras SS(1x25MVA, 132/33 kV) (NEW)	25				
				Buldhana (1X25)MVA 132/33kV	25				
				Karanaja (1X25)MVA 132/33kV	25				
				220kV Chikhali SS (132/33kv 1x50MVA, 132/33 kV) (NEW in Plan 2023-24 to 2032-33)	50				
				132kV Khamgoan SS (1x50MVA, 132/33 kV) (NEW in Plan 2023-24 to 2032-33)	50	132 kV Dharani SS (1x25 MVA, 132/33 kV)	25		
				132kV PATUR 132/33 kV 25 MVA T/F (MSKVY) (NEW)	25	Gunj (1X25)MVA 132/33kV (WIP) MSKVY	25		
		110kV							
		100kV							

AMRAVATI

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
D-5	TRANSFORMER REPLACEMENT	220kV		220kV Dhamangaon SS 2x(50-25)MVA, 220/33 kV (NEW in Plan 2023-24 to 2032-33)	50				
				220kV Balapur SS 2x(50-25)MVA, 220/33 kV (NEW)	50				
		132kV		132kV Patur SS 2x(50-25)MVA, 132/33 kV (NEW)MSKVY	50	2X(50-25)MVA 132/33 kV Pandharkawda	50		
				132 kV Dugarbid SS 2x(50-25)MVA, 132/33 kV (NEW)	50				
				132kV Murtizapur SS 2x(50-25)MVA, 132/33 kV (NEW)(MSKVY)	50				
		110kV							
		100kV							
E-1	NEW REACTOR	400kV							
		220kV							
E-2	REPLACEMENT REACTOR	400kV							
		220kV							
F	CAPACITOR	220kV							
		132kv							
		33kv		Ph-V 12 Nos SS- 95 MVAr	95				
		Total			95		0		0

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
A-1	SUB-STATION	765 kV	0						
		400 kV	0						
		220kV	5	220/33 KV Bidkin MIDC, GIS District-Aurangabad	100	220/33kV Sarul (BR Sanctioned) (MSEDCL/RE)	50	220/132/33 kV Dahegaon Bangla (Murmi)(New)	100
								220/132kV Station Narsi	200
								220/132/33 kV S/s at Gandheli (New)	100
		132kV	7			132/33 kV Mahur, District-Nanded (BR Sanctioned)	50	132/33 kVs/s at Kada S/s Dist. Beed (New) / Pimpla/ Dongargaon	50
								132/33 kV Sawana S/s, Tal. Sengaon, Dist. Hingoli	50
								132/33kV Ajani BK (Previously Talegaon) Dist-Latur (New) (MSEDCL/RE)	50
								132/33kV Barashiv (Hanuman Nagar/Aundha) District- Hingoli (MSEDCL Demand received)	100
								132/33 kV Substation at CADA (Command Area Development Authority), Dist. Sambhaji Nagar (New)	50
								132/33kV Selu	100
		110kV	0						
		100kv	0						
		765 kV							
		400kV							

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
		220kV		LILO of 220 kV Chitepimpalgaon - Chitegaon @Bidkin DMIC - 5 kms	10	LILO on 220kV Beed-Manjarumbha line -20km with HTLS for Sarul S/s	40	220kV LILO on Waluj Chitegaon line for 220kV Dahegaon SS (New)	10
								220kV D/C LINE from 220220kV Krishnoor to Narsi sstn	15
								LILO of 220 kV PGCIL Shendra line at 220 kV Gandheli.(New)	5
		132kV						132kV Chittegaon - Paithan LILO at Dahegaon Bangla	3
								LILO ON 132kV Waghala Narsi (dhuppa) line @220kv Narsi	1
								LILO of 132kV Harangul-Chakur at Ajani Bk. (New)	24
								LILO of 132 kV Kurunda - Hingoli line at Barashiv S/s- 16km	32
								LILO of 132kV Partur-Parbhani at Selu (New)	30
								Reorientation of 132kv Mukhed - Narsi Line & Narsi Kundalwadi line at 220kv Narsi	1

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
								132kV Chittegaon - to Dahegaon Bangla D/C line	3
						132 kV Gunj - Mahur SCDC line - 25 kms	25	132 kV line from 220/132/33 kV Gandheli s/s to 220 kV Shendra s/s (New)	8
								132 kV line from 220/132/33 kV Gandheli s/s to 132kV Satara s/s (New)	8
								LILO ON 132kV Jam Bazar - Washim line @132kv Sawana	20
								LILO ON Ahamadnar - Pathardi Line at 132KV KADA/PIMPLA/DONGARGAON	3
		110kV							
		100kV							
		765kV							
		400kV		400kV Bhusawal-II - Waluj at Tapthitanda -177km (Balance work of 400kV Thapati Tanda) (WIP)	354				
		220kV		220kV Nagewadi - Bhokardan DC-50 km (WIP)	100	220kV Georai-Partur DC line -80km	160		
				LILO on one circuit of Chikhali - Jalna line at 220 kV Nagewadi – 30 ckt kms (Remaining scope of Nagewadi Work)	60				

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
B	LINK LINES			220 kv Interconnection between 220KV Murud -Tuljapur and Barshi Osmanabad (0.5 km)	1.2	LILO of 220 kV Jalna- Chikhali Ckt- 2 at 220 kV Nagewadi Substation (New)	3.6		
		132kV		Interconnection Between 132 KV Hingoli Sengaon CKT-1 & 132 KV Yeldari Risod (13 km)	26	132 kV Basmat- Jangamwadi DC line (New) 25km	50	132kV SCDC Line from 220kV Deogaon Rangari-Kannad - 30km	60
				132 kv Georai - Rajpimprie LILO at 220 kV Georai S/s - 5 kms	10			132 kv Patoda - Raimoha SCDC (GEC)-30km	60
								LILO 132 kv Kharda - Ashti at Patoda (GEC)-30km	60
		110kv							
		100kV							
		TOTAL			551.2		213.6		180
C-1	2nd CIRCUIT STRING	220kV							
		132kV		132kV Nilanga-Omerga	35.71	132kV Jalkot-Udgir	30.12		
				132kV Kharda-Bhairvnath (RE)	15	132kV Bhokardhan - Rajur- 26km	26		
				132kV Bhokardan - Jafrabad - 29km (WIP)	29	132kV Parbhani - Pathri- 48km	48		
				132kV SAT - Gangapur-27km	27	132 kV Jalna Old - Partur - 49 kms (New)	49		
				132kV Georai - Mahakala- 22km	22	132 kV Gangapur- Vaijapur -40 km (New)	40		
				132 kV Bhokar - Tamsa - 24 kms (New)	24				
				132 kV Bhokar - Himayatnagar – 45 Km (New)	45				
		110kV							

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
		100kV							
		400kV							
C-2	HIGH AMPICITY CONDUCTOR	220kV		220kV Beed-Patoda-Manjarsumbha - 45km (RE)	57				
				220kV Beed-Patoda -35km (RE)	47				
		132kV		132kV Ujani-Tulajapur-Naldurg-Solapur DC line -107kms including LILO portion	107				
				132kv Shendra - Chikalthana - 12km	12				
				132kV Nagewadi to 132kV Jalna MIDC	6.5				
				132kV Jalna MIDC-Jalna line (via Rajur ckt-II)	8				
				132kV Harangul-Ausa- Ujani and 132 kV Harangul-Niwali- Ujani including LILO portion of AUSA and Niwali -79ckt kms -Tulajapur-Naldurg-Solapur DC line -107kms including LILO portion (New)	79				
		110kV							
		100kV							
C-3	REPLACEMENT OF CONDUCTOR	220kV							
		132kV							
C-4	CONVERSION OF LINE	220kV							
		132kV							
D-1	CREATION OF NEW LEVEL	400kV							
				Patoda (2X100)MVA 220/132kV (RE)	200				
		220kV		Shendra DMIC (2X100)MVA 220/132kV	200				
				400kV Waluj S/s 2x100 MVA , 220/132kV	200				
		132kv							
		33kv		33 kV level creation at 220 kV substation Georai with 2X25 MVA, 220/33 kV (New)	50				
				Padegaon (2X50)MVA 220/33kV	100				

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
D-2	ADDITION OF ICT	765kV		1x1500MVA ,765/400kV Ektuni	1500				
		400kV		Thaptitanda (3X 167)MVA 400/220kV	500	Kumbhargaon (3X167)MVA 400/220kV	500		
		220kv		Narangwadi (1 x 100 MVA), 220/132 kV (RE)	100	Paranda(1X100)MVA 220/132kV (RE)	100		
				1 x 200 MVA, 220/132 kV ICT at 220 kV Jalna S/s (New)	200	Tuljapur (1x100)MVA220/132kV	100		
				1 x 200 MVA, 220/132 kV ICT at 220 kV Nagewadi S/s (New)	200	Jalkot(1x100)MVA 220/132kV (RE)	100		
D-3	REPLACEMENT OF ICT	400kV							
		220kv							
D-4	TRANSFORMER ADDITION	220kV		220 kV Hingoli, 1x25 MVA, 220/33 kV (New)	25	220 kV Shendra S/s, 1 x 50 MVA, 220/33 kV (New)	50		
				220 kV Krishnoor, 1x 25 MVA 220/33 kV (New) (MSKVY)	25	220 kV Chitegaon S/I x 50MVA, 220/33 kV (New)	50		
				1x50 MVA, 220/33kV TF at 220kV Degaonrangari	50	220kV Bhokardhan, 1X25MVA, 220/33kV (New)	25		
		132kV		1x50 MVA, 132/33kV TF at 132kV Jalna MIDC	50	132 kV Kagzipura S/s, 1x25 MVA, 132/33 kV (New)	25		
				50MVA 132/33kV TF at 132kV Ashti S/s	50	132 kV Majalgaon, 1x50 MVA, 132/33 kV (New)	50		
				Vaijapur (1X50)MVA 132/33 kV MSKVY	50	1x50 MVA 132/33kV TF at 132kV Chikalthana S/s	50		
				Umri (1X50)MVA 132/33kV (New) MSKVY	50	1x50 MVA, 132/33kV TF at 132kV Jintur S/s	50		
				Ausa(1X50)MVA 132/33kV (New) MSKVY	50	1x25 MVA, 132/33kV TF at 132kV Purna	25		
				132 kV Chakur S/s, 1x25 MVA, 132/33 kV (New) MSKVY	25	1x50 MVA, 132/33kV TF at 132kV Soygaon (MSKVY)	50		
						1x50 MVA, 132/33kV TF at 132kV Sillod	50		
						132 kV Chakur S/s, 1x25 MVA, 132/33 kV (New)	25		
						Jafrabad (1X25)MVA 132/33kV	25		
						1x25 MVA 132/33kV TF at 132 kV Degloor	25		
						1x25 MVA 132/33kV TF at 132 kV Kallamb	25		
						1x50 MVA 132/33kV TF at 132 kV Georai	50		
						132/33kV 50MVA TF at 132kV Paithan S/s	50		

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
						1x25 MVA 132/33kV TF at 132 kV Kinwat	25		
						1x25 MVA 132/33kV TF at 132 kV Himayatnagar	25		
		110kV							
		100kV							
D-5	TRANSFORMER REPLACEMENT	220kV		220 kV Sawangi S/s, 2 x (50-25) MVA, 220/33 kV (New)	50	220 kV Manjarsumba S/s, 2 x (50-25) MVA, 220/33 kV (New)	50		
				Jalna 2X(100-50)MVA 220/33-33KV	100				
				2x(50-25) MVA 220/33kV TF, Bhokar (MSKVY)	50	220 kV Beed S/s, 2 x (50-25) MVA, 220/33 kV (New)	50		
		132kV		132 kV Niwali S/s, 2 x (50-25) MVA, 132/33 kV (New)	50	132 kV Mukhed S/s, 2 x (50-25) MVA, 132/33 kV (New)	50		
				Udgir 1X(50-25)MVA 132/33kV (MSKVY)	25				
				2x(50-25) MVA, 132/33kV TF at 132kV Ghansawangi S/s	50	132/33 kV Pangri S/s, 2 x(50-25) MVA, 132/33 kV (New)	50		
				132/33 kV Ardhapur S/s, 2 x(50-25) MVA, 132/33 kV (New)	50	132/33 kV GCR Parli S/s, 1 x(50-25) MVA, 132/33 kV (New) MSKVY	50		
				132/33 kV Mantha S/s, 2 x(50-25) MVA, 132/33 kV (New) (MSKVY)	50	132/33 kV Pishor S/s, 1 x(50-25) MVA, 132/33 kV (New) MSKVY	50		
				132/33 kV Umari S/s, 2 x(50-25) MVA, 132/33 kV (New) MSKVY	50				
		110kV							
		100kV							
				1X125 MVA at Waluj	125				
				1X125 MVA at Thaptitanda (WIP)	125				

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
E-1	NEW REACTOR	400kV		Conversion of 02 nos. of fixed 50 MVar reactors at 400 kV Girawali into switchable 50 MVar reactors (Kalamb LILO time line) (Western Region Network expansion scheme)	100	5x50MVAR, Line Reactors at 400kV Girwali Substation	250		
				02 nos. of new 80 MVAR Line Reactor at 400 kV Kumbhargaoon S/s(New)	160				
		220kV							
E-2	REPLACEMENT REACTOR	400kV		1 x (125-50) MVar at Girawali (WIP) cost included in Taptitanda reactor	75				
		220kV							
F	CAPACITOR	220kv							
		132kv							
		33kv		2x5 MVar, 33 kV Level capacitor bank at 220 kV Partur S/s	10				
				Installation of 2x5 MVar, 33kV Capacitor banks at 18 No. s/s 175MVAR	175				

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
	SUB-STATION	765kV	0						
		400kV	0						
		220kV	3					220/33 kV Kasbe Digraj (MIDC) District-Sangli	100
								220/132/33 kV MAN (New)	300
								220/132/33kV Kesurdi	100
		132kV	2					132/33 kV Pachgani, District-Satara	50
								132 / 33 KV Akurde S/s	50
		110kV	1			110kV Shiradwad GIS, District-Kolhapur	50		
			0						
		100kv	0						
		765kV							
		400kV							
		220kV		LILO on 220kV Karad-Miraj S/S line at Kasbe Digraj -10 km	20			220kV D/C Line from 765kV Pune III to Kesurdi MIDC -60km	60
								LILO on Kandalgaon-Sona Aloy at Kesurdi	10

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
	ASSOCIATED LINES	132kV				132 KV DC from Bidri S/s.to Akurde S/s - 15 Km. Approx	30	LILO on 132 kV Lonand-Wai line at Kesurdi -10km	20
				LILO on 132 kV Lonand-Wai Ckt-I at Pachgani -10km	20			LILO on 132 kV Shirwal-Bhatghar line at Kesurdi -10km	20
		110kV		LILO on Jawahar Co gen line - Hupari Tap Line (Future 110kV Tilwani-Jawahar line) at Shiradwad -16km	32				
		100kV							
		765kV							
		400kV							
		220kV		220kV Karad - Koyna (KDPH) SCDC-3.5 km (WIP)	7				
				LILO of one ckt of 220 kV Mhaishal - Jath line at Alkud – 46 ckt kms (GEC II) (Remaining scope	92				
				220 KV Alkud - Tilwani line - 65 kms.(New)	130			LILO on New KDPH-Karad Line at 220 kV Vankuswade-21 Km (New)	42
				LILO of 220 kV Karada - Sadawaghapur @ SATARA MIDC	30	Construction of LILO on 220 KV Mudshingi - Chikodi Line at 220 KV Five star MIDC Kagal - 5 Km (New)	10	220 kV Bidri - Kharepatan	85

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
B	LINK LINES	132kV		Conversion of 132 kV Phaltan - Dahiwadi SCSC to DCDC line - 35km	70	Construction of 132 KV DCDC Line from 220/33 KV Sawantwadi (Insuli) S/s to Kudal S/s - 27 Km (New)	54		
				132kV Ambheri - Aundh - 14km (WIP)	28				
				110kV Niwaliphata - Ratnagiri -28 km (WIP)	56				
		110kv		110kV Mudshingi (Kolhapur) - Puikhadi- 16km	32				
				110kV Peth - Borgaon - 10.5km (WIP)	21				
		100kV							
C-1	2nd CIRCUIT STRING	220kV		220kV Waifale-Ghatnandre- 17Km (New)	17				
				132kV Oglewadi-Mayani 40km (New)	40	132kV Lonand-Phaltan – 32Km (New)	32	110kV Mudshingi - Renuka - Ichalkaranji SC To DC- 35km	35
		110kV		110 KV Mudshingi-Puikhadi line – 13Km (New)	13				
				110 kv Mayani-Diganchi S/C TO D/C - - 45km	97.72				

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
C-2	HIGH AMPLICITY CONDUCTOR	400kV							
		220kV		220kV Talandage - Tilawani Ckt 1 & 2 - 13km	26				
				Miraj - Mhaisal line 0.4 Deer / Zebra ACSR Conductor by HTLS (ACCC) conductor & Disc	33	132 kV Kamthadi-Shirwal	25	132kV Lonanad - Shirwal -30km	30
		110kV				110kV Mudshingi-Renuka from Tower no. 41 to 110kV Renuka end and 110kV Renuka-Ichalkaranji line	19		
						110kV Tilawani - Ichalkaranji CKT-I,			
		100kV							
C-3	REPLACEMENT OF CONDUCTOR	220kV							
		132kV							
C-4	CONVERSION OF LINE	220kV				110kV DCDC line from 220kV Pedhambe S/s to 220kV Niwali S/s – 98Km (New)	120		
		132kV		110 kV Mudshingi-Kothali & 110 kV Kothali - Radhanagari S/C line to 132 kV D/C line – 25Km (New)	50				
				Conversion 110kV Oglewadi-Borgaon SC to 132kV-30km	30	Conversion of 110 KV Puikhadi-Kale to 132 KV SCDC line – 19Km (New)	19	Conversion of 110kV SCSC to 110kV DCDC line Radhanagari S/s to 132kV Kankavali S/s – 34Km (New)	34
				Conversion of 110 kV Vishrambaug - Borgaon -35km	70				

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
D-1	CREATION OF NEW LEVEL	400kV							
		220kV		Addition of 2x500MVA, 400/220kV ICT at 765 KV (400kV) Kalamba (PGCIL) S/S. (New)	1000	Addition of 1x100MVA, 220/132kV ICT at 220kV Sawantwadi S/s (New)	100		
		132kv		1x50 MVA, 132/110kV ICT at 110kV Chambukhadi S/s (New)	50				
D-2	ADDITION OF ICT	765kV							
		400kV		Alkud (3X167)MVA 400/220kV (Remaining Scope)	500	Kolhapur (3X167)MVA 400/220kV	500	Karad (1X500) MVA, 400/220 kV (New)	500
		220kv							
D-3	REPLACEMENT OF ICT	400kV							
		220kv							
		220kV		1x100MVA 220/33kV Satara MIDC	100				
				220kV Lote S/s (1x50 MVA), 220/33kV	50				
				220kV Five Star MIDC, Kagal (1x 50)MVA 220/33kV	50				
				1X50 MVA, 220/33 kV T/F at 220 kV Vita S/S. (New)	50				
				220kV Tilawani (1x100)MVA 220/33kV	100				

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
D-4	TRANSFORMER ADDITION	132kV		1X50 MVA, 132-110/33kV Kavathe M'kal (MSKVY)	50				
		110kV		1x25 MVA, 110/33kV TF at 110kV Kurundwad	25				
				1X50 MVA 132-110/33kV T/F 110kV Shirolu S/S	50				
				1X 25 MVA 132-110/11kV 110kV Rethare (MSKVY)	25				
				1x25 MVA, 110/33kV TF at 110kV Kale (MSKVY)	25				
				1X 50 MVA 132-110/33kV 110kV Sankh (MSKVY)	50				
		100kV							
D-5	TRANSFORMER	220kV		1x (50-25)MVA 220/33kV TF at 220kV Halkarni S/s	25				
				220kV Dasturi 1x(50-25)MVA 220/33kV	25				
				1x(100-50) MVA, 220/33 kV T/F at 220kV Five Star MIDC S/s	50				
		132kV		Wai 1X(50-25)MVA 132/33kV	25	1x(50-25) MVA, 132kV TF at 132kV Kudal S/s	25	132/33 kV, 2X25 to 132/33kV ,2X50 MVA TF at 132 kV Kundal S/S.(New)	50
				Dahiwadi 1X(50-25)MVA 132/33kV	25				

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
D-3	REPLACEMENT	110kV		1x (50-25)MVA, 110/33kV TF at 110kV Jaysingpur s/s	25	110/33 kV, 2X25 to 110/33kV ,2X50 MVA TF at 110 kV Borgaon S/S. (New)	50	110/33 kV, 2X25 to 110/33kV ,2X50 MVA TF at 110 kV Dighanchi S/S. (New)	50
				1x(50-25) MVA, 110/33kV TF at 110kV Ratnagiri S/s	25				
				110/33 kV, 2X25 to 110/33kV ,2X50 MVA TF at 110 kV Savlaj S/S. (New MSKVY)	25				
				2 X (50-25) MVA 132-110/ 33 kV 110kV Mayani (Deleted due to Space Constraint)	50				
		100kV							
E-1	NEW REACTOR	400kV		New 125 MVAr bus reactor at 400 kV New Koyna (New)	125				
		220kV							
E-2	REPLACEMENT REACTOR	400kV							
		220kV							
F	CAPACITOR	220kv							
		132kv							
		33 kV		33 kV / 22 kV Capacitor Bank at various S/Stns 3 Nos - 15 MVAr (Phase - III) out of 12 nos 125MVAR	125				
				15 Nos S/S- 170MVAR (Phase - v)	170				

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
A-1	SUB-STATION	765kV	0						
		400kV	0			Evacuation arrangement for 2X660 MW generation of Koradi (New)			
		220kV	9	220/132/33 kV Mankapur District- Nagpur (WIP)	300	220/33 kV Pachgaon (Kuhi), District- Nagpur (BR Sanctioned)	100	220/132/33 kV Yenwa ,District- Nagpur (BR- Sanctioned)	50
				220/33 kV Addl. Butibori Industrial Area (2x 100 MVA)	200	220/132/33 Sakoli (33kv level not in New corridor)	100	220/33 kV Kadholi , District Nagpur (BR Sanctioned)	100
				220/132/33 kV New Pardi District- Nagpur (WIP) (Spill Over)	300			220/33 kV Nagardhan S/S, Dist. Nagpur (NEW)	100
				220/132/33kV Naghbid , District- Chandrapur Back charged	225				
		132kV	8	132/33 kV Mihan, District- Nagpur (BR Sanctioned)	50	132/33 kV Bazargaon ,District- Nagpur (BR- Sanctioned)	100		
				132 /33 kV Lendra Park (GIS) District- Nagpur (BR Sanctioned)	50	132kV Kurkheda Dist. Chandrapur	50		
				132/33 kV Jat Tirodi ,Dist- Nagpur (WIP) (Spill Over)	100	132/33kV Deori, District- Gondia (BR- Sanctioned)	50		
				132/33 kV Sironcha, District- Gadchiroli Back charged on 33kv Level 20.06.2022	50				
				132kV Etapalli (Upgradation from 66kV along with existing 66kV line)	50				
		765kV							
		400kV							
				220 kV Uppalwadi - Pardi DC UG cable line 12.5 (Route Km) WIP (Spill Over)	25	LILO of one ckt of 220kV Kanhan – Umred DCDC Line for Pachgaon s/s 15 km	30	LILO on 220 kv Kalmeshwar- Warud DC line for 220 kV Yenwa- 0.5 Km	1
				Koradi-II to Mankapur (U/G)- 6 kms WIP	11.05			LILO of one ckt of 220 kV Kanhan - Bhandara line for 220 kV Kadholi - 10 km	20

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
A-2	ASSOCIATED LINES	220kV		220 kV DC Uppalwadi-Mankapur U/G-9 Km WIP	18				
				Lilo on existing 220kV Butibori-III- Purti Ckt-6.5KM	6.5				
				220 kV DC line from 220kV Umred S/s - 46 Km for 220kV Nagbhid WIP (Spill Over)	92				
		132kV		LILO on 132 kV Hingna II to Khapri line for Mihan S/s - 1 kms	0.2	LILO on 132 kV Ambazari-Karanja line for 132kV Bazargaon - 300 mtr.	0.3		
				LILO on Mankapur - Hingana I- for 132 kV Lendra ss - 7.746 km (O/H-3.25km,U/G-4.5km)	15.49	132kV Lakhandur - Morgaon Arjuni @ Kurkheda - 37 Km	74		
				Interconnection between 220 kV New Pardi and 132 kV Pardi s/s-2 ckt KM WIP (Spill Over)	4	LILO of 132 kV Amgaon - Gondia for 132 kV Deori ss - 41 km	82		
				132 kV DC undergroundcable from 132 kV Pardi s/s to Jat Tarodi s/-10.0 kms WIP (Spill Over)	20				
		110kV		132 kV SCDC line from Kistampeth (Telangana) for 132kV Sironcha - 35 ckt kms WIP	70				
		765kV							
		400kV		400 KV D/C TL from GT unit 11 & 12 to 400 KV Koradi I (1.2 Km) (NEW)	1.2				

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
B	LINK LINES	220kV		220kV DCDC UG cable from GMR S/S to Sai Wardha S/S- 3.5 Km (Evacuation of GMR EMCO Gen) WIP	7				
				220kV Koradi -II - Buttibori - III DC Line 105.ckm	105	220 kV Uppalwadi - Mankapur	4		
				220 kV LILO on 220kV Chandrapur MIDC - Gadchandur Line at 220 kV Matradevi S/S (NEW)	8	220 kV LILO on 220 kV Puri - Umred line for 220 kV Umred S/S- 43 Km	43		
						220 kV LILO on Koradi II to Butibori III Line (One Ckt) at 220 kV Kalmeshwar S/S (NEW)	18		
		132 kV		132 kV Hingna-I to Hingna-II- 4 Km WIP (Spill Over)	4.5				
				Sicom to Mul-25km WIP	50			LILO OF 132kV Warud - Bharsingi @ 220kV Karanja - 33km	66
								132kV Ashti Allapalli @ Etapalli DC Line - 33km (newadded)	66
C-1	2nd CIRCUIT STRING	220kV							
		132kV		Mul – Sindhewahi -30km	30	2nd ckt stringing of 132 kV Allapalli-Etapalli (NEW)	20		
				Brahmpuri - Sindhewahi-53km	53				
				132 kV Katol-Bharsingi SC line-38 km (RE) GEC-III	16.5				
				132 kV Bharsingi-Warud line - 33km (RE) GEC-III	33				
				2nd ckt stringing of 132kV Ashti-Allapalli -25km	25				

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
				Wardha - II - Seloo -20km WIP (Spill Over)	40				
		110kV							
		400kV							
C-2	HIGH AMPICITY CONDUCTOR	220kV		220kV Khaparkheda-Kanhan - 64km	64	220 Kv Karanja - Amravati	55		
				220kV Kanhan- Suryalaxmi (NEW)	19.5				
				220kV Khaperkheda- Suryalaxmi (NEW)	56.35				
		132kV		132kV Kalmeshwar-Katol -38km GEC-III (To be checked)	38				
				132kV Kardha - Bhandara 16.41km	16.41	132kV Khapri-Butibori DC line-21 km	21		
				132kV Pardi-Besa -9.13km	9.13				
				132kV Ambazari- Karanja DC(RE) -53km GEC-III	53				
C-3	REPLACEMENT OF CONDUCTOR	220kV							
		132kV							
C-4	CONVERSION OF LINE	220kV							
		132kV							
D-1	CREATION OF NEW LEVEL	400kV		1 x 315 MVA 400/220kV at GMR S/s.WIP	315				
		220kV							
		132kv							
D-2	ADDITION OF ICT	765kV							
		400kV		400 kV Koradi II S/S 3X167MVA 400/220/33 kV ICT	500				
		220kV		220/132 100MVA ICT-II at 220KV Nagbhid S/S (New)	100			Sicom (1 X 100)MVA 220/132kV	100
D-3	REPLACEMENT OF ICT	400kV							
		220kV		Butibori I 2 X (200-100)MVA, 220/132kV	200				
				Gadchiroli 1 X (100-50)MVA, 220/132kV	50				

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
				Hinganghat 1 X (100-80)MVA, 220/132kV	20				
		220kV		Khaparkheda (1x25)MVA 220/33kV	25	400 kV Khaprkheda 1 x 25 MVA 220/33kV	25		
				Gadchiroli 1 x 25 MVA 220/33 kV	25	220 kV Karanja (1x25 MVA 220/33 kV) (RE)	25		
D-4	TRANSFORMER ADDITION	220kV		Khapri (1 X 25)MVA 132/33kV WIP	25				
				Morgaon Arjuni (1X 25)MVA 132/33kV WIP	25				
				Gosikhurd (1X 25)MVA 132/33kV WIP	25				
		132kV		Gondia (1 X 50)MVA132/33kV	50				
				Hingna I (1 X 50)MVA 132/33kV	50				
				Hingna II (1 X 50)MVA 132/33kV	50				
				132 kV Saoner S/S:- 1x50 MVA 132/33 TF (NEW)	50				
				132 kV Mauda S/S 1x50 MVA 132/33 TF (NEW)	50				
				132 kV Sakoli S/S:- 50 MVA, 132/33 kV T/F (NEW)	50				
				132 kV Amgaon S/S:- 50 MVA, 132/33 kV T/F (NEW)	50				
				132 kV Besa S/S:- 50 MVA, 132/33 kV T/F (NEW)	50				
				Umred 1x25 MVA 220/33kV	25				
				132 kV Pardi S/S: 50 MVA, 132/33 kV T/F (NEW)	50				
				132/33 kV Mankapur S/S: 50 MVA, 132/33 kV T/F (NEW)	50				

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
				Talegaon (1X 25)MVA 132/33kV MSKVY	25				
				Lakhandur 1X 25 MVA 132/33kV	25				
		110kV							
D-5	TRANSFORMER REPLACEMENT	220kV		Kaulewada 2X(50-25)MVA 220/33kV	50				
				Bharshinghi 2X(50- 25)MVA132/33kV	50				
				Ambhora 2X(50-25)MVA132/33kV (NEW)	50				
				Kanhan 2X(50-25)MVA132/33kV (NEW)	50				
				2X(50-25) MVA 132/33KV 132kV Seloo S/s	50				
				Khapri 2x(50-25) 132/33 kV	50				
		110kV							
		100kV							
E -1	New Reactor	400kV		1x125MVAR Chandrapur Switching	125				
		220kV							
E-2	REPLACEMENT REACTOR	400kV							
		220kV							
F	CAPACITOR	220kv							
		132kv		1 S/s - 60 MVAR	60	2X15 MVAr 132kV	30		
				2 S/S-30MVAR	30				
		33kv		12 Nos S/S- 110 MVAR	110				
		TOTAL			200		30		0
G	NAGPUR			ILANDING SCHEME					

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
A-1	SUB-STATION	765 KV	0						
		400kV	2			400/220 kV Pimpalgaon District- Nashik (BR- Sanctioned)	1000	400/220kV Malegaon (Sonaj)	1000
		220kV	13			Upgradation of 132kV IGATPURI - TO 220kV GIS	200	220 kV Ghogergaon Dist: Ahmadnagar (NEW)	200
						220/33kV Shrirampur, District- Ahmednagar (BR- Sanctioned)	100	220/132 kV Nandurbar, District- Nandurbar	200
								220 / 132 kV Mhasrul GIS	200
								220/33 kV Kone Dist: Nashik (NEW)	100
								220/33 kV Deosane, District- Nashik (BR- Sanctioned)	100
								220/33kV Vilholi Dist: Nashik (NEW)	100
								220/33 kV Asali Dist: Dhule (NEW) shifted from 132kv	50
								220 kV Musalgaon	100
								220/33 kV Dhotre Dist: Ahmadnagar (NEW)	100
								220/132/33 kV Supa MIDC District- Ahmednagar (BR- Sanctioned)	300
								220/33 kv Shirdi Dsit. Ahemadnagar	100
		132kV	7	132kV Navapur Dist-Nandurbar (WIP)	100			132/33 kV Shirud Dist: Dhule (NEW)	50
				132/33kV Dhanora ,District-Jalgaon (WIP)	100			132 /33 kV Kanashi Dist: Nashik (NEW)	50
								132/33kV Mendhvan, District- Ahmednagar	50
								132/33 kV Shirsoli Dist: Jalgaon (NEW)	100
								132/33kV Pimpalner (MSEDCL/RE)	50

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
A-2	ASSOCIATED LINES	765kV							
		400kV				LILO 400kV A'bad PG-Boisar (PG) DC line at 400 kV Pimpalgaon -3 km	6	LILO of both ckt. 400kV Dhule-Babhaleshwar D/C Lines at proposed 400kV Malegaon (Sonaj) SS -46 km	92
		220kV				220kV M/C line by making both ckt LILO on 220 KV Eklahare-Pimpalgaon Line to 400/220 KV Pimpalgaon S/s-13.762 kms (NEW)	27	LILO on both circuits of 220 kV Malegaon-Kalwan Line at new proposed 400kV Malegaon (Sonaj) SS-10km	20
						220 kV DC line by making LILO on 220 kV Dondaicha -Jamde line one ckt – 50 ckt kms @ Nandurbar MIDC	50		
						LILO on 220kV Raymond - Washala @ Proposed 220/132kV Igatpuri 10ckm	10	LILO on both circuits of 220 kV Malegaon-Manmad at new proposed Soundane SS- 5km	10
						LILO of 220 kV Eklahare - Navsari @ Mhasrul (11.26 km)	24		
						LILO on one circuit of 220kV Nashik (OCR) – Navsari D/C line at proposed 220/33kV Deosane substation – 15 Km	30	LILO on both ckt of 220kV Malegaon-Satana at new proposed 400 kV Malegaon (Sonaj) SS 220kV-Malegaon (Sonaj)-Satana-15km	30
						LILO of one circuit of 220 kV Ahmednagar - Bhose DC line at Supa - 20 Km	40	LILO on 220kV Dondaicha - Amalner line @ proposed 220kV Asali S/s. 37km	74
						LILO on 220 kV Babhaleshwar – Bhenda (S/C) line at 220 kV Shrirampur S/s. - 5 ckm	10		
		132kV		LILO on one circuit of 132 kV Yawal – Chopda line at 132 kV Dhanora S/s. (04 Km)	8	Re-Orientation for Incoming Lines at 132kV Ranwad Substation- 1.036km for Pimpalgaon* (NEW)	2.08	LILO of 132kV Chalisgaon - Borvihi TSS S/C line @ proposed 132kV Shirud substation - 6km	12
				132kV Visarwadi to Navapur DC line -20km	40	LILO on 132 kV Shamsherpur - Nandurbar line at 220 kV Nandurbar MIDC - 30 ckt kms	30		
						LILO on one ckt of 132 kV Nandurbar - Visarwadi line at 220 kV Nandurbar MIDC - 30 ckt kms.	30		
						Conversion of 132kV Supa - Shirur line SCSC upto LILO point of 132kV Wadzire to 132kV DCDC line 7 km	14	LILO on 132kV Sangamner - Khaparale at 220kV Sinner/Khaparale (New)	30
						Conversion of SCSC 132kV Supa - Shirur (LILO at 132kV Wadzire substation) to 132kV MCNB line 2km (from proposed 220kV Supa MIDC to LILO pont of Wadzire line)	4	LILO on 132kV Akole (existing) - Khaparale (existing) at 220kV Sinner/Khaparale (New)	20
						132kV Kalwan (Bhendi) to Kanashi DC line -27km	54		
						LILO of 132kV Babhleshwar - Sangamner @ Proposed Mendhavan - 21km	42		
						LILO ON 132kV Huoban-Sakri for 132kV Pimpalner S/S-30 km apprx	60		
						LILO on one ckt. 132kV Bambhori - Erandol Line at Shirsoli 19km	38		

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
B	LINK LINES	765kV							
		400kV						400 kV D/C line from 400 kV Malegaon (Proposed) to 400kV Pimpalgaon (Proposed)	80
		220kV		Bhenda - Vishwind DC (GEC)-70km (WIP) (spill Over)	140				
		132kV		Nagar - Nagar via Nimbalak TSS-6km (WIP) (spill Over)	12				
				LILO on 132kV Shivajinagr-Dhule at Sakri -10 ckm (WIP) (spill Over)	10				
				LILO on 132kV Deepnagar - Muktainagar line at 132kV Varangaon Tap to LILO conversion (NEW)	1				
				132 kV Bhabhleshwar-Rahuri-A'nagar (GEC) 39 ckm (WIP) (spill Over)	78				
				Babhleswar - Kopargaon -36km (WIP) (spill Over)	72				
				LILO of One circuit of 132kV Amalner - Nardane D/C line on 132kV Amalner - Parola line- 16km	35.2				
C-1	2nd CIRCUIT STRING	220kV		220kV SCDC Gangapur-Valve 12 Ckm (NEW)	12				
				132 kV Eklahare - (L&T HNGL) for 132kV Eklahare - Sinnar -29km (spill Over)	29				
				132kV Bhambori - Erandol- 26km(Req. FOR MSKVY ALSO)	26				
				132kV Alephata-Ghargaon -21.30km	21.3				
				132kV SCDC Dondaicha-Shirpur 53 Ckm (NEW)	53				
	HIGH AMPICITY CONDUCTOR	400kV							
		220kV		220kV Babhaleshwar -GCR DC line 80km	80	220kV Deepnagar-Viroda (NEW)	30		
				220kV Dhule-Malegaon -80.5km	80.5				
				220kV Gangapur - Satana S/C - 110Km (RE)	110				
				220kV Gangapur - Shivajinagar S/C - 96Km (RE)	75				
				220kV Shivajinagar - Malegaon S/C - 110Km (RE)	110				
				220kV Jamde-Dondaicha Ckt-1 & 2 (NEW)	68				

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
C-2	HIGH AMPICITY CONDUCTOR	132kV		132kV Deepnagar - Jalgaon (OLD) MIDC S/C - 28Km	28	132kV Kekatnimbhora-Pahur (NEW)	36		
				132kV Deepnagar - Jalgaon (NEW) MIDC S/C - 27 Km	27				
				220/132kV Malegaon - 132kV Malegaon-4.8km	4.8				
				Shivajinagar - Sakri - Dhule -80km	80				
				132kV Malkapur-Khadka line via VaragaonTap-47 km (RE)	47				
				132kV Pimpermhed-Chalisgaon	36.8				
				132kV Manmad-Pimpermhed	36.43				
				132kV Manmad-Chalisgaon	72.2				
				132kV Khaprale-Sinnar	12				
				220/132kV Kalwan (Bhendi) - 132kV Kalwan- 8km	8				
				132kV Sinnar-Sinner-MIDC line (Ckt Kms- 7.5 Kms)	7.5				
				132 kV Eklahare OCR-Adgaon , 132 kV Ambad-M&M and 132 kV Satpur-M&M line	40				
C-3	REPLACEMENT OF CONDUCTOR	400kV		132 kV Lasalgaon-Ranwad					
				Manmad - Lasalgaon-32km	32				
		132kV		132 kV Manmad-Chandwad					
C-4	CONVERSION OF LINE	220kV							
		132kV		Conversion of SCSC to DCDC of 132 kV Dhule-Sakri line (NEW)	50	Conversion of 132kV SCSC to DCDC of Yawal-Chopda Line (NEW)	45		
				Conversion of 132 kV Babbleshwar - Sangamner SCSC line into DCDC - 34km	34				
D-1	CREATION OF NEW LEVEL	400kV							
		220kV		33 kV level creation at 220 kV Amalner s/s (NEW) 2x50MVA 220/33kV	100			33 kV level creation at 220 kV Nandurbar (Bhaler) s/s (NEW)	100
		132kv		2x50MVA 132/33kV at 132kV Ozar	100				
				Pimpalgaon (1 X 50)MVA 132/33kV	50				
D-2	ADDITION OF ICT	765kV							
		400kV		Additional 3X167 MVA, 400/220/33kV ICT with extension of RRS upto existing 167MVA, 400/220/33kV Spare ICT unit at 400kV R.S. Dhule (NEW)	500				
				Khadka (3X105)MVA 400/220kV (WIP) (spill Over)	315				
		220kv		Chalisgaon (1X200)MVA 220/132kV (WIP) (spill Over)	200				
				1X100 MVA 220/132kV ICT 220kV Shivajinagar.	100				

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
D-3	REPLACEMENT OF ICT	400kV							
		220kv		Dondaicha 2x(200-100)MVA, 220/132kV (NEW)	200				
				Manmad 2x(200-100)MVA, 220/132kV (NEW)	200				
				2x(200-100) MVA, 220/132kV ICT at 220kV Amrapur	200				
D-4	TRANSFORMER ADDITION	220kV		Kekatnimbhora (1 X 50)MVA 220/33kV (MSKVY) (NEW)	50				
				Kopargaon 1x50MVA, 132/33kV TF	50				
				Raymond (1 X 25)MVA 220/33kV	25				
				Babhleshwar (1 X 50)MVA 220/33kV (MSKVY) (NEW) MSKVY	50				
				Satana (1 X 50)MVA 220/33kV (MSKVY)	50				
				Sayane (1 X 50)MVA 220/33kV (MSKVY) (NEW) MSKVY	50				
		132kv		Nardana (1 X 25)MVA 132/33kV	25			Addition of 1X50 MVA 132/33 kV PTF at 132 kV Adgaon Substation	50
				1x50MVA, 132/33kV TF at 132kV Wadjire S/S	50				
				1x50 MVA 132/33kV Karjat	50				
				1x25MVA 132/33kV Nampur (NEW)MSKVY	25				
				Ghodegaon (1 X 50)MVA 132/33kV	50			Addition of 1X50 MVA 132/33 kV PTF at 132 kV Mhasrul Substation	50
				1x50 MVA 132/33kV Khandke	50			Addition of 1X50 MVA 132/33 kV PTF at 132 kV Malegaon Substation	50
				1X100 MVA 220/33kV TF at 220kV Shivajinagar	100	1x50 MVA 132/33kV Yeola (NEW)	50	Addition of 1X50 MVA 132/33 kV PTF at 132 kV Pathardi Substation	50

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
	TRANSFORMER ADDITION	132kV							
				Newasa (1x25)MVA 132/33kV MSKVY	25				
				Ambad 1x50 MVA 132/33kV	50	1x50 MVA 132/33kVRahuri (NEW) MSKVY	50		
				Shevgaon 1x50 MVA 132/33kV T/F	50	1x25MVA 132/33kV Shrigonda (NEW)MSKVY	25		
				Samsherpur (1X25)MVA 132/33kV	25	Addition of 1X50 MVA 132/33 kV PTF at 132 kV Yeola Substation	50		
				Sinner OLD (1X 50)MVA 132/33kV	50	Addition of 1X50 MVA 132/33 kV PTF at 132 kV Kalwan Substation	50		
				Jalgaon NEW MIDC (1 X 50)MVA 132/33kV	50				
				1x50 MVA 132/33kV Ranwad	50				
				Kharda(1X25)MVA 132/33kV MSKVY	25				
		110kV		1x(25)MVA 132/33kV TF Ramache Pimplas	25				
				Addition of 1X50 MVA 132/33 kV PTF at 132 kV Yawal Substation	50				
		100kV		Addition of 1X50 MVA 132/33 kV PTF at 132 kV Chopada Substation	50				
	TRANSFORMER REPLACEMENT	220kV							
				Dondaicha 1x(50-25)MVA, 220/33kV	25				
	TRANSFORMER			Kundane1x(50-25)MVA, 220/33kV MSKVY	25				

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
D-5	REPLACEMENT	132kV		Replacement of 2X25 MVA 132/33 kV TF by 2X50 MVA 132/33 kV PTF at 132 kV Shah Substation	50	1x(50-25)MVA 132/33kV TF Visarwadi (NEW)	25		
				1x(50-25)MVA 220/33kV TF Manamd	25				
				1x(50-25)MVA 132/33kV TF Sawda	30				
				2x(50-25)MVA 132/33kV TF Parola	50				
				2x(50-25)MVA 132/33kV TF Bhodhwad (NEW)	50				
				1x(50-25)MVA 132/33kV TF Chandwad (NEW)	25				
				2x(50-25)MVA 132/33kV TF Nimbhora (NEW)	50				
				2x(50-25)MVA 132kV TF ECR Deepnagar (NEW)	50				
				2x(50-25)MVA 132/33kV TF Dharangaon	50				
				Replacement of 2X25 MVA 132/33 kV TF by 2X50 MVA 132/33 kV PTF - 2 & 3 at 132 kV Taloda Substation	50				
				Replacement of 1X25 MVA 132/33 kV TF by 1X50 MVA 132/33 kV PTF at 132 kV Igatpuri Substation	25				
				Replacement of 2X25 MVA 132/33 kV TF by 2X50 MVA 132/33 kV PTF at 132 kV Pimparkhed Substation	50				
				Replacement of 2X25 MVA 132/33 kV TF by 2X50 MVA 132/33 kV PTF at 132 kV Taharabad Substation	50				
E-1	NEW REACTOR	400kV 220kV							
E-2	REPLACEMENT REACTOR	400kV		1 X (125 - 50) MVar, Khadka	75				
				1 X (125 - 80) MVar, Babhaleshwar	45				
				2x(80- 50) MVar Line Reactors (for Akola & Koradi lines) at 400KV Khadka SS (NEW)	60				
F	CAPACITOR	220kv							
		132kv							
		33kv		14 No's - 255 MVar	255				
				6 Nos. -160 MVAR PAHSE - VI	160				
	STATCOM							1 no. at 400Kv DHULE	400

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
	SUB-STATION	765kV	0						
		400kV	2			400/220 kV Hinjewadi (MIDC), District-Pune (WIP) (Spill over)	1000	400kV RS Purandwade / Velapur /Pandharpur	1000
		220kV	12			220/33kV Mudhale, District-Pune	100	220/33 kV Moshi (Safari Park) (NEW)	100
								220/33 kV Ray Nagar, South Solapur (NEW)	100
								220/22 kV Bavdhan Tal: Mulshi (NEW)	100
								220/132/33 kV Waghdari, District-Solapur	500
								220/33 kV Tathawade (GIS) (YASHADA) (NEW)	100
								220/33kV Watwate	100
								220/33 kV Loni S/S (River view)(NEW)	100
						220/33 kV Lotewadi (NEW) (RE)	100	220kV Talegaon MIDC Phase II	100
								220/22kV Charholi (Pride Purple)	100
								220/33 kV Marunje / Balewadi,District-Pune	100
		132kV	2			132/22 kV Knowledge Park, Lavale, District-Pune	100	132/33 kV Wagholi (NEW)	100
		110kV	0						
		100kv	0						
		765kV							
		400kV				LILO on 400kV Lonikand I - Koyna Stage IV at Hinjewadi-			
						a)Jejuri-Winjhar section -103 ckm (WIP) (Spill over)	51		
						b) Winjhar-Hinjewadi section -92 ckm (WIP) (Spill over)	46		

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
A-2	ASSOCIATED LINES					LILO of one circuit of Chinchwad-Flagship Line & one circuit of existing 220kV S/C Chinchwad-Hinjeawdi-I line which is proposed for D/C under package C, at Yashada Substation.		220kV D/C on M/C line from existing 220kV Bhosari 1 to 400kV Chakan S/S to proposed 220/22V safari Park Moshi S/S by making LILO-0.5 km	
						LILO on 220 kV Bale - Lamboti for 220kV Watwate SS	20	LILO on both ckts of 220 kV Solapur PG - Narangwadi DC line at 220 kV Waghdari -40km	80
						LILO on 220kV Jejuri-Baramati S/C-5km at Mundhale	4		
		220kV							
						LILO on 132kV Rahatani -Varasgaon - 20km @ Knowledge Park/(Lavale phata)	20	LILO on 220kV Chinchwad - Parvati SC line for 220kV Marunje ss -5 km	10
						220kV DCDC line for Proposed 220/132kV Lotewadi(Katphal) S/S to 400/220 KV Alkud S/S, Taluka- Kavthe Mahakal, District- Sangli	120	LILO on one ckt of 220kV TalegaonPG-Chakan SS-6 km	12
						Proposed 220kV U/G cable to proposed 220kV Charholi by making LILO arrangement of 220kV VSNL-Lonikand Line.	5	220kV DC Line from 220kV Theur S/S to proposed Riverview	
						LILO on one ckt of 220kV Talegaon PG-Chakan Phase II for 220kV Talegaon MIDC-II SS – 6 Km	12	LILO on both ckt 132kV Waghdari- Tata Renew Solar to proposed 220/132 kV Waghdari ss- 5kM	10
		132kV						132kV D/C underground cable by making LILO on existing Theur- kharadi D/C line(Existing kharadi-Marakal D/C Line) near Loc. No., 24 to proposed Wagholi S/Stn.	5
		110kV							

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
		100kV							
		765kV							
		400kV				400kV LILO - Lonikand-I Jejuri at 765kV Shikrapur PG -30km approx	60		
		220kV		220 kV D/C line for reorientation of existing line at 220 kV Chinchwad-II -12 ckt kms (Chakan Telco,Parvati, Urse,Hinjewadi I & Flagship)-WIP	18	220KV Solapur (PG) - Bale DC Line-40km (WIP)	40		
				220kV TalegaonPG-Chakan DC with HTLS conductor -6km	12	220kV Pune-III (ISTS-New) (PG) – Nandedcity 220kV D/C line.-60km (Western Region Network expansion scheme)	120		
				220 kV DC line from 765 kV Shikrapur PG to 220 kV Khed City - 18 kms (WIP)	36	Chinchwad Apta for Talegaon (PG) - 36km (WIP)	36		
				220 kV DC line from 765 kV Shikrapur PG to 220 kV Ranjangaon S/s using existing corridor - 10 kms (WIP)	10	Urse - Chinchwad -20km (WIP)	20		
				Reorientation of 220 kV Babbleshwar - Ranjangaon ckt & Lonikand - Ranjangaon Ckt at Khed City - 5 kms (WIP)	10	Chinchwad - Kandalgaon - 28km (WIP)	28		
						LILO of Chinchwad - Telco at Chakan II - 9km with HPC conductor	18		
						1) LILO of Bale – Osmanabad 220kV S/c line at Solapur – PS (PG) (Western Region Network expansion scheme)	60		
						2) LILO of Osmanabad – Barshi 220kV S/c line at Solapur PS (PG)(Western Region Network expansion scheme)	50		
B	LINK LINES								

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
						Solapur PS – Jeur 220kV D/c line. (Western Region Network expansion scheme)	100		
						LILO of both ckt of 220 kV Jejuri (M) – Phursungi (M) D/C line- 5km along with HTLS conductor at 765/400/220 kV Pune-III (ISTS-New) (PG) S/s with HTLS conductor (twin zebra equivalent) (Western Region Network expansion scheme)	70		
		132kV		Conversion Chinchwad-Talegaon 100kV tower line to 132kV- 15km	15	LILO of Indapur -Ujani at Lonideokar-15km	30	Conversion of SC to DC towers of 132 kV Phursungi-Kamthadi line (NEW)	36
				NCL-Rahatani- 6km	6	132 kV Walchandnagar - Bawda SCDC line - 35 kms on 132kV Walchandnagar-Indapur line(balance scope)	35		
				Conversion of 132 kV Theur - Yavat - Daund SC to DC line (Old line)- 50km-(WIP) (Spill over)	50	NCL-Kothrud---Phursungi- 18km	18		
				132kV Kumbhari-Solapur MIDC SCDC (WIP)	25	LILO on 132kV Bekart - Ranjangaon Ckt-2 at 132kV Whirlpool S/Stn (NEW)	5		
				132kV Jeur- Sinamada	25	LILO on 132kV Mahindra forge-Chakn at 220kV Chakan MIDC	19.8		
		110kV		Zuari - Chettinad - 2km (WIP)	2	Upgradation of 110kV Pandharpur - Puluji - Degaon- into 132kV -55km	55		
		100kV							
		220kV		Biltgraphic - Bhigwan- 8 km	8				
				220kV Lamboti-Vairag	34				
				Tap to LILO Volks Wagon - 3km (WIP)	3	2nd ckt stringing of 132 kV Rahatani-Varasgaon line (36 kM) (New)	36		

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
C-1	2nd CIRCUIT STRING			Tap to LILO at 132 kV Bajaj Auto (Chinchwad - Chakan)-5km	5				
		132kV		Puluj-Loknete co-gen (new scheme)	22	Jeur-Parewadi with HTLS	22		
				Naldurg - Waghdari- 35km	35				
				Degaon –Mandrup (GEC)-15km	15				
				Purandwade Tap on Bawada Nira Bhima-Walchandnagar-5km	5				
				Velapur - ShankarNagar-13km	13				
				Malinagar to Velapur- 20km	20				
				Bale -MIDC Solapur- 16km	16				
				100kV Pudumjee-Talegaon	23.8				
				132kV Mandrup-Karajgi	28				
				2nd circuit stringing of 132kV Akkalkot –Karajgi line	19				
		110kV							
		100kV							
		400kV		HTLS conductor of 400 kV Talegaon (PG) - Chakan (NEW)	18	HTLS conductor of 400 kV Lonikand - Talegaon (PG) (NEW)	39		
				HTLS conductor of 400 kV Lonikand - Chakan (NEW)	26				
		220kV				HTLS conductor of 220 kV Lonikand II-VSNL (NEW)	25		
						HTLS of 220kV VSNL- KHADKI-CENTURY ENKA- BHOSARI-I) (NEW)	31		
						HTLS of 220 kV BHOSRI- I & II Line (NEW)	2.15		
						220kV Phursungi-Parvati	21		
						HTLS conductor of 220 kV Jejuri - Kondhwa (NEW)	36.5		
						HTLS of 220kV Alephata-Babhleshwar line. (69km) (NEW)	69		

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
C-2	HIGH AMPICITY CONDUCTOR			HTLS conductor of 220 kV Lonikand II- Bhosari I(NEW)	23	HTLS of 220 kV Lamboti-Pandharpur and Lamboti – Karkamb Line (NEW)	150		
				HTLS conductor of 220 kV CHAKAN - BHOSRI (NEW)	17	220kV Urse-Talegaon ckt-I & Talegaon ckt-II line.	20		
						220kV Urse-Chichwad line.			
				HTLS conductor of 220 kV CHAKAN - CHINCHWAD II (NEW)	24.5	HTLS of 220kV Talegaon Ambi to PGCIL-I & II line. (NEW)	6.5	220kV Pirangut-Kandalgaon line.	250
						220 kV Alephata-Babhaleshwar line (69 km)	69		
		132kV		HTLS of 132 kV Akkalkot-Chetak – Gokul –South Solapur – Bale line (NEW)	34			132kV Phursungi -Kamthadi & 132kV Kamthdi - Bhatghar line.	60
				132kV Mundhwa-Magarpatta radial ckt 2.5km & Mundhaw-Phursungi ckt via Magarpatta tap -14km	16.5	132kV Lonikand-Sanaswadi-(SPSL) Essar-John Deere- Neosym (ISRL)-upto Whirlpool- 41.7 kM			
				Conversion of Existing 0.2 ACSR Panther Conductor to HTLS conductor from Loc no-221 to 132kV Whirlpool S/Stn Gantry of 132kV Ranjangaon-Whirlpool line.	6				
				HTLS of 132 kV Pandharpur-Nimboni-Mangalwedha & Pandharpur-Mangalwedha	50				
				HTLS of 132 kV Malinagar-Bawada Line (NEW)	16				
		100kV							
C-3	REPLACEMENT OF CONDUCTOR	220kV							
		132kV							
C-4	CONVERSION OF LINE	220kV							
		132kV							
		400kV							

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
D-1	CREATION OF NEW LEVEL	220kV		Century Enka(2x50)MVA 220/22kV (NEW)	100	Knowledge Park (2X100)MVA 220/132kV	200		
		132kv							
		33kv							
D-2	ADDITION OF ICT	765kV							
		400kV		400kV Lamboti (3X167)MVA 400/220kV	500				
				400kV Lonikand-I S/S (3X167)MVA 400/220kV (NEW)	500				
				Lonikand II 1x200MVA 220/132kV ICT	200				
				400kV JEJURI (3X167)MVA 400/220kV	500				

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
D-3	REPLACEMENT OF ICT	400kV				400/220 kV 3*105 MVA ICT-1 by 3*167 MVA at 400 kV Chakan S/s	185		
		220kv		Lonikand II 2X(200-100)MVA 220/132kV	200				
				Chakan Phase II 2X(200-100) MVA 220/132kV	200				
				Alephata 2X(200-100)MVA 220/132kV (NEW)	200				
D-4	TRANSFORMER ADDITION	220kV		Jejuri(1x50)MVA 220/22kV (NEW)	50	400kV Chakan (1x50)MVA 220/22kV	50	220/22-22 kV, 100 MVA TF alongwith EHV GIS bay & 02 nos of HV bays at 220kV Bhosari-1 s/stn	100
				Lonikand (1X50)MVA 220/22kV (WIP)	50	220kV Kondhwa 1X50MVA 220/22KV	50		
				Shirsuphal (1x25)MVA 220/33kV	25	220/22 kV 1 X 100 MVA T/F at 220kV Talegaon Ambi	100		
				Hinjewadi II (1x50) MVA 220/22kV	50	2x 50 MVA 220/33/22kV PTR along with 12 Nos of GIS Bay at 220kV Volkswagen SS	100		
				Pirangut (1X50)MVA 220/22kV	50	1x50MVA 220/33kV PTR along with 06 Nos of GIS Bay at 220kV Alephata SS	50		
				Ranjangaon(1X50)MVA 220/22kV	50				
				Bridgestone (1x50) MVA 220/33kV	50				
				1X50 MVA, 220/22 kV TF at 220 kV Chakan Ph-II	50	Urse (1X50)MVA 220/22kV	50		
		132kV		Rahatani (1x50)MVA 132/22kV	50				
				Sanaswadi (1x50)MVA 132/33kV	50				
				Sanaswadi (1x50)MVA 132/22kV	50				
				Mohol (1x50)MVA 132/33kV (NEW)	50				
				Manegaon(1x50)MVA 132/33kV (NEW) MSKVY	50				
				Madrup(1x50)MVA 132/33kV (NEW) MSKVY	50	Kurkumbh (1x50)MVA 132/33kV (NEW)	50		

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
				Sangola (1x50)MVA 132/33kV (NEW)	50	Janai (1x25)MVA 132/33kV (NEW)	25		
				Someshwarnagar (1x50)MVA 132/33kV (NEW)	25				
				Nimboni (1x25)MVA 132/33kV (NEW)	25				
		110kV							
		100kV							
D-5	TRANSFORMER REPLACEMENT	220kV		Telco 2X (100-50)MVA 220/22kV	100				
				Talegaon Ambi 2X (100-50)MVA 220/23kV (NEW)	100				
				Vairag 2 X 50-25MVA 220/33kV	50				
		132kV		Purandvade 1 X (50-25)MVA 132/33kV (MSKVY)	25	2X (50-25)MVA 132/33kV Karajgi (NEW)	50		
				1x(50-25) MVA 132/22kV PTR at 132kV Shirur SS	25				
				1x(50-25) MVA 132/33kV PTR at 132kV Kuruli SS	25				
		110kV		132/22kV 10MVA TF make CGL with 132/22kV 25MVA TF at 132kV Bhatghar Substation	25				
		100kV		2x(50-25) MVA 132/22kV PTR along with 8 Nos of GIS Bay at 132kV ESSR (SPSL) SS	50				
				2X(200- 100) MVA 220/132 kV ICT at 220kV Alephata ss	100				

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
E-1	NEW REACTOR	400kV		1X125 MVA _r Chakan	125				
		220kV							
		400kV		1x(125-50)MVA _r Lonikand I	75				
		220kV							
F	CAPACITOR	220kv		6 Substations- 110MVA _r (Capacitor Bank Phase V)	110				
		132kv		585MVA _r ,50 S/S under Solapur Circle (NEW) Capacitor Bank Phase VI	585				
		33kv		1010MVA _r ,50 S/S under Pune Circle (NEW) Capacitor Bank Phase VI	1010				
				3 Substations- 30 MVA _r Capacitor Bank Phase III	30				
	STATCOM	400kV							

VASHI

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
A-1	SUB-STATION	765 Kv	0						
		400kV	2			400/220 kV Kalwa -II GIS with 2x500 MVA, 400/200kV ICT (Western Region Network expansion scheme)	1000		
						400/220 kV Padgha split GIS with 2x500 MVA, 400/200kV ICT (Western Region Network expansion scheme)	1000		
		220kV	13	220/22 kV Mankoli / Bhiwandi, District-Thane (WIP) (spill Over)	100	220/22 kV Virar (West) / Chikhal Dongri District- Palghar (BR- Sanctioned)	100	220/22 kV Palaspe, District- Raigad	100
				220/33 kV Panchanand/Taloja District-Raigad (BR- Sanctioned)	100	220 kV Suraksha City NEW	100	220 kV Rohinjan (Taloja) NEW	100
				220/33 kV Abhitghar (Wada), District-Thane (WIP) (spill Over)	100			220/22 kV Dhokali/Pachpakhadi, District-Thane	100
				220/22 kV Kaman (Vasai)/Kharbahv District- Palghar	100			220 kV Pale S/s	100
								220/22 kV Manor, District-Palghar	50
								220/33kV GIS Vadhavan SS 3x50MVA 220/33kV TFs	150
								220/22 kV Virar (East) (Kopari)/HDIL District-Palghar	100
		132kV	2			132/33 kV Dapchari, District-Palghar (BR- Sanctioned)	100		
				132/33 kV Jawhar, District- Palghar (WIP) (spill Over)	50				
		110kV	1			110/22 kV Gaikwad Pada (Ulhasnagar) District- Thane (BR- Sanctioned)	100		
		100kv	0						

VASHI

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
A2	Associated Lines	400kV							
		220kV				Reorientation of existing 220 kV lines at Kalwa II S/s	1		
						Reorientation of existing 220 kV lines at 400kV Padgha split S/s	1	LILO on 220 kV Kharghar - Kandalgaon line at 220 kV Palaspe S/s- 5km	10
				LILO on 220 kV Kalwa-Bapgaon for 220 kV Mankoli - 300 m (WIP) (spill Over)	0.6	LILO of 220 kV Kamba-Vasai S/c at 220 kV Suraksha City- 0.625km	0.625	220 kV DC line from 220 kV Jambhul S/s to Pale S/s- 25km	50
				LILO on 220 kV Padghe-Wada line for 220 kV Abhitghar - 9 km) (WIP) (spill Over)	18			LILO on 220 kV Tarapur Boisar(PG) line for 220 /33kV Vadhavan SS - 21 km	21
				LILO on 220kV Kamba-Vasai for 220kV Kaman S/S-1km	2				
						LILO on 220 kV Boisar (PG)-Vasai line for 220 kV Chikhali Dongari - 4 km	8		
						LILO on 220 kV Temghar - Colourchem line at 220 kV Dhokali /PachpakhdaiS/s- 5km	10		
						LILO on 220 kV Boisar (PG)-Vasai on D/C / M/C towers for 220 kV Kopari - 5 km	10		
						220 kV DC line from 220 kV Boisar PG S/s to Manor S/s-30km	60		
		132kV				132 kV DC Boisar II - 132 kV Dapchhari - 25km	50		
				132 kV D/C Dahanu - Suryanagar-Kawdas-Jawhar line 40 km (WIP) (spill Over)	80				
		110kV							
		100kV				LILO on 110 kV Kalyan (TPC) - Ambernath (TPC) UG cable for 110 kV Gaikwad Pada - 1 km	2		

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
B	LINK LINES	765kV							
		400kV		Providing additional source to 400kV Kalwa SPLIT FROM 400kV Padgha split -Conversion of 400kV SC to DC Kalwa-Padghe Ckt I & II- 52km / 220KV Kalwa- Bapgaon and AKP- Nasik D/C line conversion into 400KV and 220KV M/C line from Padgha to Kalwa. (NEW) (Western Region Network expansion scheme)	224				
				LILO on both ckts of 400 kV Tarapur- Padghe line at Kudus- 15 km (spill Over)	30				
				400 kV D/C Babhaleshwar-Kudus line- 200 km (WIP) (spill Over)	400				
		220kV				LILO on 220kV Bombay Dyeing- Sahara at 220kV Tambati S/S. -1km	2	Scheme for additional source at 220kV Vasai S/S by LILO of Adani Line and 220kV GIS. (NEW)	2.5
				LILO on 220 kV Tarapur-Borivali & Boisar- Ghodbunder line at Kudus - 29 kms (WIP) (spill Over)	120	Scheme for LILO at 220kV Nalasopara S/S from 220kV Ghodbunder Line	2.5		
				LILO on 220 kV Padghe-Wada & 220 kV Kolshet-Wada at 400 kV Kudus - 10 km (WIP) (spill Over)	20	LILO of both circuits of Boisar (M) – Velgaon (M) 220 kV D/c line at Boisar-II (ISTS-New) (PG) S/s. (Western Region Network expansion scheme)	60		
						Second source to 220 kV AKP S/S from 220kV Kalwa Substation. (NEW)	1.5		
				Second source to 220kV Nalasopara from 400kV PGCIL S/S by Bay shifting work at 220kV Boisar II S/S (WIP) (spill Over)	49.2	Link line between 220KV Colourchem and 220kV Kolshet (NEW)	5		
				LILO of 132kV Boisar-Palghar I for 132kV Jindal and 132kV Viraj by using multi-circuit configuration at Loc no. 21 (NEW)	3				

VASHI

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
	LINK LINES					LILO on one ckt of Boisar MIDC-Dahanu line at Palghar- 15 km (WIP) (spill Over)	30		
		110kv							
		100kV		100kV MUSCO-Khopoli -3km (WIP)	6	LILO of 100 kV Ambernath – Mohone at Jambhul - 5km	10		
				100kV MUSCO-Bhushan Steel (NEW)	21				
C-1	2nd CIRCUIT STRING	220kV							
		400kV							
		110kV							
		100kV							
C-2		400kV		400kV Kalwa-Padgha ckt -I-52km (WIP)	52	400kV Kalwa-Talegaon, 400kV Kalwa-Kharghar and 400kV Kharghar Talegaon Line by HTLS conductor. Along with bay work (NEW)	225		
						400kV 2nd D/c (New) line from Padghe (M) (Split, Sec B) to Kalwa (M) (Split, Sec B) with twin HTLS conductor (minimum capacity of 2100MVA per ckt at nominal voltage).(Western Region Network expansion scheme) (Western Region Network expansion scheme)	104		
						Reconductoring of the balance portion of Padghe (M) – Babhaleshwar 400kV D/c line (i.e. from Padghe(M) to LILO point) using twin HTLS conductor with a minimum capacity of 1700 MVA along with upgradation of 400kV bays at Padghe (M) (required in matching time-frame of the LILO of Padghe (M) - Babhaleshwar (M) 400kV D/c line at proposed 765/400/220 kV Boisar-II (ISTS-New) (PG	72		

VASHI

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
C-2	HIGH AMPICITY CONDUCTOR	220kV		220kV BoisarPG-Nalasopara-57km (WIP)	57				
				220kV PGCIL - Vasai Line & 220kV Kamba - Vasai Line (NEW)	98				
				220kV Kalwa-Apta,(39km) Kalwa-Taloja (25km) & Apta-Taloja (25km) link	89				
				220kV Nalasopara-Padgha line -54km (WIP)	54	220kV Padghe - Kamba D/c line - 25km	50		
				Padghe-Jambhul - 20 km & Jambhul-Anandnagar & Padghe-Pal- 22km	65				
				Kalwa-Colorchem line =14.4 km	14.4				
				220kV Colorchem-Temghar line -17.3 km	17.3				
				220kV Kalwa-Temghar line -16.5km	16.5				
		132kV							
		110kV		100kV Apta-Bhokarpada 7.5km & Bhokarpada-Khopoli -19km	26.5				
				100kV Padghe -Mohane line -14.5km & Mohane-Ambernath link -10km	24.5				
				100kV Padghe-Ambernath line -18 km	18				
				100kV Pal-Dombivali ckt I - 6km & ckt II - 6km	12				
				100kV Kalwa-Standard -8.7km	8.7				
				100kV Kalwa-NOCIL D/C line - 17.5km	17.5				
				100kV Kalwa-Reliable-Siffy-Standard, - 9.65 km	9.65				
				100kV NOCIL-Standard -1.2km	1.2				
		100kV							
C-3	REPLACEMENT OF CONDUCTOR	220kV							
		100kV							
C-4	CONVERSION OF LINE	220kV							
		132kV				Conversion of 100kV Vashi Substation to 220kV Substation by conversion of 100 kV Lines to 220kV Lines from 220kV Pawane S/s to Vashi Substation (NEW)	5		

VASHI

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
D-1	CREATION/ ELEMINATION OF NEW LEVEL	400kV							
		220kV		Elimination of 100kV Level from 220kV Kolshet Substation and providing 2X100 MVA, 220/22 kV Transformer in place of 220/100 kV ICTs & Additional, 1 x 50 MVA 220/22 kV T/F at 220 kV Kolshet S/S (NEW)	250				
		132kv				2x100MVA 220/132kV ICT at 100kV GAIL	200		
				Jambhul (1 X 50)MVA 220/22 kV (WIP)	100				
D-2	ADDITION OF ICT	765kV							
		400kV		3x167 MVA 400/220kV ICT at Nagothane (New scheme)	500				
				3x167 MVA 400/220kV ICT at Kharghar (ICT-IV)	500				
				1x500MVA 400/220kV ICT at Padghe VI -ICT	500				
				220/100kV, 100 MVA ICT at 220kV Tambati SS (NEW)	100				
D-3	REPLACEMENT OF ICT	400kV		Nagothane 1 x (500-315)MVA (1st ICT)	185	Nagothane 1 x (500-315)MVA 400/220kV (Second ICT)	185		
				Kharghar 1 x (500-315)MVA 400/220kV	185	Kharghar 1 x (500-315)MVA 400/220kV	185		
		220kv							
D-4	TRANSFORMER ADDITION	220kV		Airoli Knowledge Park(1X 50)MVA 220/33kV	50	220/33kV 50MVA TF-5 at 400kV RS, Kharghar (NEW)	50		
						(2X50) MVA T/F 220/33kV at 220kV Palghar S/S. (NEW)	100		
				Nerul (1X100)MVA 220/33-33kV	100				
				Baapgaon (1X50)MVA 220/22kV	50	Vasai 1x50MVA 220/22kV	50		
				Anandnagar (1x50)MVA 220/22kV	50				
				1x50 MVA, 220/22 kV transformer at Vasai S/S (NEW)	50				
				ONGC Panvel(1X50)MVA 220/22kV	50				
		132kV				1 no. of 50 MVA T/F 132/33kV at 132kV Dahanu S/S. (NEW)	50		

VASHI

[illegible]

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
A-1	SUB-STATION	765 KV	0						
		400kV	1			400 kV LILO station at Tata Power Vikhroli plot Part of : Establishing connectivity between North and South Mumbai by 400 kV Phase I : Creation of 400 kV level at existing Dharavi RSS with 400 kV Tata Power Vikhroli - Dharavi S/c line	1000		
		220kV	3			Installation of new 220 kV / 22 kV RSS at Kailash Nagar, Wagle estate, Thane (New scheme)	375	Installation of new 220/33 kV Worli S/S	250
								Installation of 220 kV / 33 kV station at Palaspe Phata (New Scheme)	250
		132kV	0						
		110kV	1			Installation of new 110 kV / 22 kV RS at Badlapur (shifted from FY-25-26)	180		
		100kV	0						
	ASSOCIATED LINES	765kV							
		400kV				LILO of 400 kV MSETCL Kharghar - KVTP L Vikhroli line at proposed switching station at Tata Power Vikhroli plot. (1.2 X 2 kM) Part of : Establishing connectivity between North and South Mumbai by 400 kV Phase I : Creation of 400 kV level at existing Dharavi RSS with 400 kV Tata Power Vikhroli - Dharavi S/c line.	2.400		
						400 kV Tata Power Vikhroli LILO Station - Dharavi line (11.3 km) Part of : Establishing connectivity between North and South Mumbai by 400 kV Phase I : Creation of 400 kV level at existing Dharavi RSS with 400 kV Tata Power Vikhroli - Dharavi S/c line.	11.300		

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
A-2	ASSOCIATED LINES	220kV				Installation of new 220 kV / 22 kV RSS at Kailash Nagar, Wagle estate, Thane : LILO of 220 kV Salsette Borivali 1 or 2 at proposed Kailash Nagar S/s by upgrading and utilizing 110 kV Salsette corridor to 220 kV (New scheme)	14.000	Installation of new 220/33 kV Worli S/S : LILO of 220 kV Dharavi Mahalaxmi Line by U/G cable at Worli	4
						Upgradation of existing 110 kV Parel S/s by creation of 220 kV level : LILO of 220 kV Trombay-Carnac-7 line & 220 kV Parel-Mahalaxmi line Ckt km (Shifted from FY 29-30)	6.00	Installation of new 220 kV / 33 kV RSS at Palaspe Phata : LILO of 220 kV Bhira-Karanjade lines at 220 kV Panvel RSS. (New Scheme)	2
								Upgradation and Augmentation of existing 110 kV Powai RSS by creation of 220 kV level : LILO of existing 220 kV Salsette-Sahar line (Shifted from FY 25-26)	7
								Upgradation of 110 kV Kalyan RSS to 220 kV with connectivity to 220 kV PAL S/s (MSETCL) : 1) New 220 kV Kalwa – Kalyan line (16 km) 2) 220 kV Kalwa – PAL – Kalyan line for estabmishing connectivity with MSETCL PAL (18 km) (Shifted from FY 26-27)	34
					0		20		47
		132kV							
		110kV				Installation of new 110 kV / 22 kV RS at Badlapur LILO of 110 kV Bhivpuri Ambernath or 110 kV Ambernath Neral line (Shifted from FY-25-26)	8		
		100kV							
					0		0		0
B	LINK LINES	765kV							
		400kV							
		220kV				Enhancing Transmisison network reliability by Loop In Loop out of 220 kV Kalwa Salsette 5 line at MSETCL Bhandup S/s.	3		
		132kV							
		110kv							
		100kV							

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
C-1	2nd CIRCUIT STRING	220kV		Augmentation and strengthening of 220 kV South Mumbai Transmission Network by construction of additional 220 kV Dharavi – Mahalaxmi line.	7	Augmentation and strengthening of 220 kV South Mumbai Transmission Network by construction of additional 220 kV Mahalaxmi - Backbay line.	12		
					7		12		0
		132kV		Augmentation and strengthening of 110 kV Bhira Khopoli Corridor by construction of additional 110 kV Bhira Khopoli Line line.	66	Augmentation and strengthening of 110 kV Trombay Mankhurd Corridor by construction of 110 kV Trombay Mankhurd line.	11		
					66		11		0
C-2	HIGH AMPICITY CONDUCTOR	100kV							
		400kV							
		220kV							
		132kV							
		110kV						Upgradation of existing 110 kV Khopoli - Bhokarpada - Karanjade corridor by replacing existing conductor by higher capacity conductor along with Tower Replacement (Shifted from FY 26-27)	50
		100kV							
C-3	REPLACEMENT OF CONDUCTOR	220kV				Ungradation of existing 110 kV Salette Kolsket corridor by 220 kV with Tower and conductor replacement (New Scheme)	10		
		110kV		Upgradation of 110kV Parel - Grant Road Cable by replacing oil filled EHV cable with higher capacity 110 kV, 1600 sqmm XLPE cable	6				
				Replacement of 110 kV Parel Mahalaxmi#1 U/G Oil Filled Cable by 220 kV Rated XLPE cable - 5 km (Work is in progress)	5				
				Upgradation of 110kV Carnac - Grant Road Cable by replacing oil filled EHV cable with higher capacity 110 kV, 1600 sqmm XLPE cable (cable length 11 km) (Shifted from FY-26-27)	10				

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
C-4	CONVERSION OF LINE	220kV							
		132kV							
D-1	CREATION OF NEW LEVEL	400kV				Establishing connectivity between North and South Mumbai by 400 kV Phase I : Creation of 400 kV level at existing Dharavi RSS with 400 kV Tata Power Vikhroli - Dharavi S/c line. Craetion of 400 kV level at Dharavi			
		220kV						Upgradation of 110kV Kalwa-Kalyan line to 220kV and providing connectivity to 220kV MSETCL PAL S/S and 220 kV Kalyan RSS (Shifted from FY 26-27)	320
						Upgradation of existing 110 kV Parel S/s by creation of 220 kV level : (Shifted from FY 29-30)		Upgradation and Augmentation of existing 110 kV Powai RSS by creation of 220 kV level (Shifted from FY 25-26)	250
		132kv							
		33kv		33 kV Level creation at Karanjade for additional feeders for MSEDCL (shifted from FY 24-25)	250				
D-2	ADDITION OF ICT	765kV							
		400kV				Part of : Establishing connectivity between North and South Mumbai by 400 kV Phase I : Creation of 400 kV level at existing Dharavi RSS with 400 kV Tata Power Vikhroli - Dharavi S/c line: 2 x 400/220 kV, 500 MVA ICTs at Dharavi	0		
		220kV		2 x 250 MVA 220 / 110 kV ICTs at Vikhroli with 220 kV Cable (One ICT work completed in FY-24) second ICT work completed in FY-25 (Work in progress)	125			Upgradation and Augmentation of existing 110 kV Powai RSS by creation of 220 kV level : 2X160 MVA Power Transformers (Shifted from FY 25-26)	
				2 x 250 MVA, 220 kV / 110 kV / 22 kV ICT 1 & 2 (Salsette) (One ICT being replaced in Non - DPR scheme) (Work in progress)	500			Upgradation of 110 kV Kalyan RSS to 220 kV with connectivity to 220 kV PAL S/s (MSETCL) 2 X 220 / 110 kV 250 MVA Power Transformers (Shifted from FY 26-27)	

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
D-3	REPLACEMENT OF ICT	400kV 220kV							
D-4	TRANSFORMER ADDITION	220kV				Installation of new 220 kV / 22 kV RSS at Kailash Nagar, Wagle estate, Thane : 220 kV / 33 kV, 03 nos of 125 MVA Power Transformers (New scheme)	0	Installation of new 220/33 kV Worli S/S : 220/33 kV , 2X125 MVA Power Transformers	250
		220kV				Upgradation of existing 110 kV Parel S/s by creation of 220 kV level : 2X125 MVA Power Transformers (Shifted from FY 29-30)	250	Installation of new 220 kV / 33 kV RSS at Palaspe Phata : 220 kV / 33 kV, 02 nos of 125 MVA Power Transformers (New Scheme)	250
		132kV							
		110kV		33 kV Level creation at Karanjade for additional feeders for MSEDCL (Work in progress and will be completed in FY 25-26) (Shifted from FY 2024-25)	250	Installation of new 110 kV / 22 kV RS at Badlapur : 110 kV / 22 kV, 02 nos of 90 MVA Transformers. (Shifted from FY-25-26)	0	Upgradation and augmentation of Transformation capacity at Dharavi S/s and Carnac S/s by installation of additional Transformers. 125 MVA, 110 kV / 33 kV / 22 kV Transformer (Dharavi) 125 MVA, 110 kV / 33 kV Transformer (Carnac) (Shifted from FY 26-27)	250
		100kV							
D-5	TRANSFORMER REPLACEMENT	220kV							
		132kV							
		110kV		Transformation capacity augmentation by replacement of 75 MVA, 110 kV / 33 kV / 22 kV Transformer#2 (Malad) and 75 MVA, 110 kV / 33-22 kV Transformer # 3 (Saki) by 90 MVA Transformers	30			Augmentation of transformation capacity at Bhingari S/s from 15 MVA to 60 MVA (2X30 MVA Power Transformers)	60
		100kV							
E-1	NEW REACTOR	400kV				Part of : Establishing connectivity between North and South Mumbai by 400 kV Phase I : Creation of 400 kV level at existing Dharavi RSS with 400 kV Tata Power Vikhroli - Dharavi S/c line : 2 x 400 kV, 125 MVAR Variable Reactors at Dharavi S/s	250		
		220kV		125 MVA Reactor at Dharavi for proposed Augmentation and strengthening of 220 kV South Mumbai Transmission Network by construction of additional 220 kV Dharavi – Mahalaxmi line.	125				
				220 kV, 1 x 125 MVAR (Mahalaxmi) (Work is in progress. Scheme will be completed in FY 24-25)	125				
				220 kV, 1 x 125 MVAR (Trombay) (Work is in progress. Scheme will be completed in FY 24-25)	125				

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
E-2	REPLACEMENT REACTOR	400kV							
		220kV							
F	CAPACITOR	220kv							
		132kV							
		33kV							
	ADDITION OF BAYS	400 kV				Establishing connectivity between North and South Mumbai by 400 kV Phase I : Creation of 400 kV level at existing Dharavi RSS with 400 kV Tata Power Vikhroli - Dharavi S/c line. 400 kV Bays at Dhaarvi : 10 bays 400 kV Tata Power Vikhroli S/s : 400 kV bays : 07 bays			
		220 kV		Additional 220 kV Dharavi Mahalaxmi cable: 01 line bay a Dharavi 01 bay for Reactor at Dharavi 01 bay at Mahalaxmi.		Additional 220 kV Mahalaxmi Backbay Cable: 01 line bay at Backbay 01 bay at Mahalaxmi.		Installation of new 220/33 kV Worli S/S 07 no of 220 kV GIS bays	
				33 kV level craetion at Karanjade: 01 bay at Karanjade		Installation of new 220 kV / 22 kV RSS at Kailash Nagar, Wagle estate, Thane : 07 nos of 220 kV Bays (New scheme)		Installation of new 220 kV / 33 kV RSS at Palaspe Phata : 07 no of 220 kV GIS bays (New Scheme)	
				1 no of bay at Mahalaxmi (1 x 125 MVAR Mahalaxmi Reactor) (Work will be completed in FY 24-25)		Establishing connectivity between North and South Mumbai by 400 kV Phase I : Creation of 400 kV level at existing Dharavi RSS with 400 kV Tata Power Vikhroli - Dharavi S/c line. 220 kV Bays : 02 nos at Dharavi		Upgradation of 110 kV Kalyan RSS to 220 kV with connectivity to 220 kV PAL S/s (MSETCL) (New scheme) 1) 220 kV bays at Kalyan : 07 bays 2) 220 kV bays at PAL : 02 bays 3) 220 kV bays at Kalwa : 02 bays (Shifted from FY 26-27)	
				2 no of bay at Trombay (1 x 125 MVAR Trombay Reactor) (Work will be completed in FY 24-25)		Upgradation of 220 kV GIS by replacement with higher 'Breaking Current Rating' and additional bays at Salsette S/s: 05 nos of bays		Upgradation and Augmentation of existing 110 kV Powai RSS by creation of 220 kV level : 07 nos of 220 kV Bays (Shifted from FY 25-26)	

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
G	ADDITION OF BAYS					Enhancing Transmisison network reliability by Loop In Loop out of 220 kV Kalwa Salsette 5 line at MSETCL Bhandup S/s. 04 nos of 220 kV Bays at MSETCL Bhandup		Centralized Grid Connected Battery Energy Storage System (BESS) of 200 MW at Trombay S/s for Grid Support in Mumbai Transmission System: 06 nos of Bays (Shifted from FY 25-26)	
		110 kV		Additional 110 kV Bhira Khopoli line: 01 bay at Khopoli 01 bay at Bhira		Installation of new 110 kV / 22 kV RS at Badlapur: 07 nos of 110 kV Bays (Shifted from FY 25-26)		Upgradation of 110 kV Kalyan RSS to 220 kV with connectivity to 220 kV PAL S/s (MSETCL) (New scheme): 02 nos of 110 kV bays at Kalyan (Shifted from FY 26-27)	
				33 kV level craetion at Karanjade: 01 bay at Karanjade		Augmentation and strengthening of 110 kV Trombay Mankhurd Corridor by construction of 110 kV Trombay Mankhurd line: 02 nos of 110 kV bays		Upgradation and Augmentation of existing 110 kV Powai RSS by creation of 220 kV level : 02 no of 110 kV bays (Shifted from FY 25-26)	
						Load Balancer for better voltage regulation at Mankhurd S/s, Trombay S/s, Parel S/s: 03 nos of 110 kV Bays		Upgradation of existing 110 kV AIS with GIS system at Malad S/s: 03 nos of 110 kV Bays (Shifted from FY 26-27)	
								Load Balancer for better voltage regulation at Dharavi S/s and Borivali S/s: 02 nos of 110 kV Bays	
		33kV/22kV		33 kV level craetion at Karanjade: 16 nos of 33 kV bays		Installation of new 110 kV / 22 kV RS at Badlapur : 21 nos of 22 kV Bays (Shifted from FY 25-26)		Installation of new 220/33 kV Worli S/S 15 no of 33 kV GIS bays	
				14 no of bays addition at Kalyan (22 kV AIS replacement with bays GIS with additional feeders to DISCOM at Kalayn RSS) (Work in progress)		Installation of new 220 kV / 22 kV RSS at Kailash Nagar, Wagle estate, Thane : 25 nos of 22 kV Bays (New Scheme)			
				32 no of bays addition at Vikhroli (Upgradation of 22 kV AIS with GIS along with sgregation of back-to-back feeders at Vikhroli RSS) (Work in progress)		Upgradation of existing 33 kV system at Versova by installation of 02 nos of additional 33 kV Bus Sections 33 kV Bays : 14 (New Scheme)		Installation of new 220 kV / 33 kV RSS at Palaspe Phata : 15 no of 33kV Bays (New scheme)	
						Upgradation of existing 22 kV AIS to GIS with additional bays at Mankhurd: 07 nos of addtional 22 kV bays (New Scheme)		Upgradation and Augmentation of existing 110 kV Powai RSS by creation of 220 kV level : 13 no of 33 kV GIS bays (Shifted from FY 25-26)	
								Centralized Grid Connected Battery Energy Storage System (BESS) of 200 MW at Trombay S/s for Grid Support in Mumbai Transmission System: 11 nos of 33 kV Bays (Shifted from FY 25-26)	
								Upgradation of MV AIS Switchgear by replacement with GIS at Salsette and Borivali S/s : Addition of 02 nos of Bays	

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
H	SWITCHGAER REPLACMEENT BY GIS	220 kV				Upgradation of 220 kV GIS by replacement with higher 'Breaking Current Rating' and additional bays at Salsette S/s			
		110 kV						Upgradation of existing 110 kV aged GIS system with new GIS at Grant Road S/s	
								Upgradation of existing 110 kV AIS with GIS system at Malad S/s (Shifted from FY 26-27)	
		33kV / 22kV		22 kV AIS replacement with bays GIS with additional feeders to DISCOM at Kalayn RSS (Work in progress)		Upgradation of existing 22 kV AIS to GIS with additional bays at Mankhurd (New Scheme)		Upgradation of MV AIS Switchgear by replacement with GIS at Salsette and Borivali S/s	
				Upgradation of 22 kV AIS with GIS along with sgregation of back-to-back feeders at Vikhroli RSS (Work in progress)					
I	Miscellaneous					Load Balancer for better voltage regulation at Mankhurd S/s, Trombay S/s, Parel S/s	45	Load Balancer for better voltage regulation at Dharavi and Borivali S/s	30
				Replacement of Transmission Line Towers in Vashi Waghvali Creek area : 1. 110 kV Waghivali - Mankhurd line : Replacement of towers, conductors and foundation from 77 nos to 83 nos and tower nos 120 to 122 lying in Vashi & Waghivali Creek. 2. 110 kV Waghivali - Chembur line : Replacement of towers, conductors & foundations of Tower nos 79 to 85 and tower nos 126 to 128 lying in Vashi & Waghivali Creek. (Work in progress)				Centralized Grid Connected Battery Energy Storage System (BESS) of 200 MW at Trombay S/s for Grid Support in Mumbai Transmission System (Shifted from FY 25-26)	

Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
ADDITION OF BAYS	765kV							
	400kV						Establishment of 7 x 400kV GIS Bays at Tiroda SS with allied works	
	220kv							

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
A-1	SUB-STATION	765 KV	0						
		400kV	0						
		220kV	5	220kV Chandivali EHV S/s (under execution)	250			220kV Kandivali EHV S/s (under execution)	250
								220kV Dahisar EHV S/s	250
								220kV Navi Mumbai Airport Area EHV Station	250
		132kV	0						
		110kV	0						
		100kV	0						
A-2	ASSOCIATED LINES	765kV							
		400kV							
		220kV		220 kV LILO of KVTPL Vikhroli – TPC Saki Line (at 220kV Chandivali EHV Scheme) (under execution)	0.7			LILO of 220kV Boisar-Versova Line at Kandivali (under execution)	8.4
								220 KV Ghodbunder - Dahisar D/C Line (U/G cable)	13
								LILO of 220kV MSETCL Kharghar Ulwe line at Navi Mumbai Airport EHV Station	4
		132kV							

		110kV						
		100kV						
		765kV						
		400kV						
B	LINK LINES	220kV					220 KV D/C cable system between Aarey - Chandivali S/C and S/C from AEML Aarey to TPC Saki	6.6
							Ghodbunder Boisar LILO Upgradation	5
		132kV						
		110kv						
		100kV						
		400kV						
C-1	2nd CIRCUIT STRING	220kV						
		132kV						
		110kV						
		100kV						
C-2	HIGH AMPICITY CONDUCTOR	400kV						
		220kV					Line Augmentation with HTLS/ Twin Conductors (Aarey-AEML Borivali (12.6), Aarey - TPC Borivali (12.21), TPC Borivali - AEML Borivali (0.1), Versova-Goregaon 1 & 2 (4.26, 4.24) , Goregaon- Aarey 1 & 2 (5.19, 5.20), Ghodbunder-Gorai (9.76), Ghodbunder-Versova (20.69), Gorai - Versova (12.15), Boisar - Versova (91.03), Dahanu -Viraj, Viraj-Boisar (26.42, 4.24), Dahanu - Versova (105.92), Dahanu - Ghodbunder 1 &2 (84.58, 84.58).	483.17
		132kV						
		110kV						
		100kV						
C-3	REPLACEMENT OF	220kV						

C-3	CONDUCTOR	132kV							
C-4	CONVERSION OF LINE	220kV							
		132kV							
D-1	CREATION OF NEW LEVEL	400kV							
		220kV							
		132kv							
		33kv							
D-2	ADDITION OF ICT	765kV							
		400kV							
		220kv							
D-3	REPLACEMENT OF ICT	400kV							
		220kv							
D-4	TRANSFORMER ADDITION	220kV			03rd, 220/33 kV, 125 MVA Transformer at BKC 220kV EHV Substation	125	03rd, 220/33 kV, 125 MVA Transformer at Chandivali 220kV EHV Substation	125	
		132kV							
		110kV							
		100kV							
D-5	TRANSFORMER REPLACEMENT	220kV							
		132kV							
		110kV							
		100kV							
E-1	NEW REACTOR	400kV							
		220kV		Installation of 120 MVAR Reactor at Chembur EHV S/s	120.00		33kV Reactor at AEML-T EHV Stations (Versova, Ghodbunder, Borivali, Gorai, BKC)	140.00	
E-2	REPLACEMENT REACTOR	400kV							
		220kV							
F	CAPACITOR	220kv							
		132kv							
		33kv							
	STATCOM								

[illegible]

Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	2026-27	Capacity (MVA, Ckt Kms)	2027-28	Capacity (MVA, Ckt Kms)
ADDITION OF ICT	765kV				2x1500 MVA 765/400 kV ICT at Tiroda & Akola each	3000	Addition of 765/400kV, 1500MVA (3 x 500 MVA ICT with 1 x 500MVA Spare ICT at Tiroda SS with allied works	
	400kV							
	220kv							

SPECIAL SCHEMES

Special schemes considered for inclusion in STU Plan 2024-25 to 2033-34

Sr. No.	Name of Scheme	Estimated Cost in Cr.	Approval details	Remarks	Year
1	Design, supply, installation, Testing, & Commissioning of Satation Data Concentrator (SDC)/ Sation RTU/ Gateway with expandable IO modules, MFM and other allied equipment for the Visibility of 132/110/100kV msetcl substation to SLDC & ALDC along with comprehensive Annual maintenace contract for 05 years after 02 years warranty period. BR.No.157/23 Dt.17.10.2022	102.5	BR.No.157/23 Dt.17.10.2022		2025-26
2	Procurement & Installation of CCTV (Centralized Visual Advance Monitoring System CVAMS) at various critical 220 kV S/s & 400 kV Karjat S/s	83.61	B.R. No. 157/15 dtd. 17/10/2022	1) MERC approval received on 13/03/2024. 2) GCC ratified the scheme for inclusion in STU Five Year Plan during 8th GCC meeting held on 04/12/2023.	2025-26
3	Procurement of Remote Airborne Inspection & Scanning System (RAISS) along with all the required accessories for Asset Monitoring.	33.87	B.R. No. 157/13 dtd. 17/10/2022	1) GCC ratified the scheme for inclusion in STU Five Year Plan during 8th GCC meeting held on 04/12/2023. 2) MERC approval awaited.	2025-26
4	Procurement of 04 nos. of Van Mounted Under Ground EHV Cable Fault Locator System to detect & locate the faults in underground cables in	32.95	B.R. No. 162/25 dtd. 08/08/2023	1) GCC ratified the scheme for inclusion in STU Five Year Plan during 8th GCC meeting held on 04/12/2023. 2) MERC approval awaited.	2025-26
6	Procurement of 03 Nos of PTRs & 02 Nos of ICTs as emergency critical spares for Vashi Zone in addition to spare policy	36.15	B.R. No. 163/12 dtd. 21/09/2023	1) Submitted to STU after Prudence Check inputs. Approval awaited	2025-26
7	VSAT	232.23			2025-26
	Total for FY 2024-25	521.31			
5	Procurement of 06 sets of Emergency Restoration System (ERS) comprising of 10 towers each (Suspension Towers - 6 nos. and Angle Towers - 4 nos.) for MSETCL.	176.29	B.R. No. 166/47 dtd. 19/01/2024	1) Submitted to STU for Prudence Check. Approval awaited. 2) Recommended by MTC for submission to GCC for approval during 9th MTC meeting held on 13/03/2024.	2026-27

SPECIAL SCHEMES

7	Procurement of 12 Nos of 25MVA 132/11 kV PTRs & 02 Nos 110/11 kV of PTRs as emergency critical spares for all zones of MSETCL	63	B.R. No. 166/24 dtd. 19/01/2024	1) STU has forwarded the DPR after all prudence check inputs. To be submitted to MERC.	2026-27
8	Procurement of balance 04 Nos of ICT & 02 Nos of PTR of various ratings along-with required New Uninhibited High Grade Mineral Insulating Oil, out of earlier sanctioned scheme of procurement of 21 nos. of ICTs & Power Transformers as emergency/critical spares in all zones of MSETCL	74.75	B.R. No. 167/48 dtd. 04/03/2024	1) Submitted to STU after Prudence Check inputs. Approval awaited	
Total for FY 2025-26		314.04			