

**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									
A-2	ASSOCIATED LINES	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	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
						220kV line from 400kV Nandgapeth-Warud - 60km	120	220 kV Ner-Bhabulgaon DCDC line -24 kM for 220 kV Bhabulgaon S/S	48
								220kV Dhamangaon- Babhulgaon DCDC line- 33km	66
		132kV		LILO on 132kV Khamgaon-Malkapur line at Nandura - 3 km	6			LILO on 132 kV Malegaon - Mehekar SCDC Line at Lonar- 38km	76
				LILO on 132 kV Chandur Bazar - Achalpur line at Karajgaon - 18kms	36			LILO on one ckt of 132 kV Dusarbid - Mantha line at Lonar-18km	36
								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 Arvi- Pulgaon SCDC line -30km (NEW) at 220kV Babhulgaon	60
								132kV Babhulgaon- Ralegaon DCDC line- 40m (NEW)	80
								132kV Murtizapur – Pinjar (Barshi Takli) DCDC Line for 132kV Pinjar (Barshi Takli ) SS – 19 km.	38
						LILO on 132kV Khamgaon – Chikhali SCDC line at Amdapur OR LILO on 132kV Chikhali – Mehekar at 132KV Amdapur SS).(NEW)	6		

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								LILO on 132kV Pusad – Gunj line at 132kV Fulsawangi S/Stn – 25 kms (NEW in Plan 2023-24 to 2032-33)	50	
								LILO on one ckt of 132 kV DCDC line from Pandharkwda - Mukutban TSS at Mukutban - 6 km	12	
		110kV								
		100kV								
		765kV								
		400kV								
B	LINK LINES	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 60km ( Req. for MSKVY also)	60					
				Malegaon - Mehekar- 44km (WIP)	44					
		110kV								
		100kV								
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	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	
		400kV								

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D-1	CREATION OF NEW LEVEL	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			
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 Magarulpir (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										
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 Dusarbid 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								

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E-1	NEW REACTOR	220kV							
E-2	REPLACEMENT REACTOR	400kV							
		220kV							
F	CAPACITOR	220kV							
		132kv							
		33kv		Ph-V 12 Nos SS- 95 MVAr	95				

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A-1	SUB-STATION	765 kV	0						
		400 kV	0						
		220kV	5	220/33 KV Bidkin DMIC, 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, Dist. Sambhaji Nagar (New)	50
								132/33kV Selu	100
		110kV	0						
		100kv	0						
			ASSOCIATED LINES	765 kV					
400kV									
220kV				LILO of 220 kV Chitepimpalgaon - Chitegaon @Bidkin DMIC - 5 kms	10	LILO on 220kV Beed-Manjarsumbha 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						132 kV Gunj - Mahur SCDC line - 25 kms	25	132kV Chittegaon - Paithan LILO at Dahegaon Bangla	3
								132kV Chittegaon - to Dahegaon Bangla D/C line	3
								LILO ON 132kV Waghala Narsi (dhuppa) line @220kv Narsi	1
								Reorientation of 132kv Mukhed -Narsi Line & Narsi Kundalwadi line at 220kv Narsi	1
								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 Ahamadnar - Pathardi Line at 132KV KADA/PIMPLA/DONGARGAON	3
								LILO ON 132kV Jam Bazar - Washim line @132kv Sawana	20
								LILO of 132kV Harangul-Chakur at Ajani Bk. (New)	24
					LILO of 132 kV Kurunda - Hingoli line at Barashiv S/s- 16km	32			

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								LILO of 132kV Partur-Parbhani at Selu (New)	30	
B	LINK LINES	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					
				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	
				Georai - Rajpimprie LILo at 220 kV Georai S/s - 5 kms	10			Patoda - Raimoha SCDC (GEC)-30km	60	
								LILo Kharda - Ashti at Patoda (GEC)-30km	60	
				110kv						
				100kV						
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						
				100kV						
C-2	HIGH AMPICITY CONDUCTOR	400kV								
		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								

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		100kV							
C-3	REPLACEMENT OF CONDUCTOR	220kV							
		132kV							
C-4	CONVERSION OF LINE	220kV							
		132kV							
		400kV							
D-1	CREATION OF NEW LEVEL			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				
D-2	ADDITION OF ICT	765kV		1x1500MVA ,765/400kV Ektuni	1500				
		400kV		Thaptitanda (3X 167)MVA 400/220kV	500	Kumbhargaoon (3X167)MVA 400/220kV	500		
				Narangwadi (1 x 100 MVA), 220/132 kV (RE)	100	Paranda(1X100)MVA 220/132kV (RE)	100		
		220kv		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/,l 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 Chikalhana 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		
						1x25 MVA 132/33kV TF at 132 kV Kinwat	25		
						1x25 MVA 132/33kV TF at 132 kV Himayatnagar	25		

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		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							
E-1	NEW REACTOR	400kV		1X125 MVar at Waluj	125				
				1X125 MVar at Thaptitanda (WIP)	125				
				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						



**KARAD**

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	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		
100kv	0									
	ASSOCIATED LINES	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
		132kV							LILO on 132 kV Lonand-Wai line at Kesurdi - 10km	20
									LILO on 132 kV Shirwal-Bhatghar line at Kesurdi -10km	20
									LILO on 132 kV Lonand-Wai Ckt-I at Pachgani - 10km	20
									132 KV DC from Bidri S/s.to Akurde S/s - 15 Km. Approx	30
		110kV						LILO on Jawahar Co gen line -Hupari Tap Line (Future 110kV Tilwani-Jawahar line) at Shiradwad -16km	32	
100kV										
B	LINK LINES	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 of Alkud work) (WIP)	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		

**KARAD**

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		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					
C-2	HIGH AMPICITY CONDUCTOR	400kV								
		220kV		220kV Talandage - Tilawani Ckt 1 & 2 - 13km	26					
				Replacement of existing 220 KV Miraj - Mhaisal line 0.4 Deer / Zebra ACSR Conductor by HTLS (ACCC) conductor & Disc Insulator by Long Rod Procelain Insulator - 33 kms approximately. GEC Trench-III for RE evacuation (New)	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	220kV								
		132kV								
C-4	CONVERSION OF LINE	220kV				Conversion of 110kV SCSC to 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							
		400kV								

**KARAD**

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		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							
D-4	TRANSFORMER ADDITION	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				
		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									
	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					

**KARAD**

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	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				
		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						

**NAGPUR**

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				
A-2	ASSOCIATED LINES	765kV							
		400kV							
		220kV		Koradi-II to Mankapur (U/G)- 6kms WIP	11.05	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
				220 kV DC Uppalwadi-Mankapur U/G-9 Km WIP	18			LILo of one ckt of 220 kV Kanhan - Bhandara line for 220 kV Kadholi - 10 km	20
				220 kV Uppalwadi - Pardi DC UG cable line 12.5 (Route Km) WIP (Spill Over)	25				
				220 kV DC line from 220kV Umred S/s - 46 Km for 220kV Naghbid WIP (Spill Over)	92				
		132kV		LILo on Mankapur - Hingana I- for 132 kV Lendra ss - 7.746 kM (O/H-3.25km,U/G-4.5km)	15.49	LILo on 132 kV Ambazari-Karanja line for 132kV Bazargaon - 300 mtr.	0.3		
				Interconnection between 220 kV New Pardi and 132 kV Pardi s/s-2 ckt KM WIP (Spill Over)	4	132kV Lakhandur - Morgaon Arjuni @ Kurkheda - 37 Km	74		
				LILo on 132 kV Hingna II to Khapri line for Mihan S/s - 1 kms	0.2	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				
				132 kV SCDC line from Kistampeth (Telangana) for 132kV Sironcha -35 ckt kms WIP	70				
	765kV								

**NAGPUR**

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	400kV		400 KV D/C TL from GT unit 11 & 12 to 400 KV Koradi I (1.2 Km) (NEW)	1.2				
		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			LILO OF 132kV Warud - Bharsingi @ 220kV Karanja -33km	66
				Sicom to Mul-25km WIP	50			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				
			Wardha - II - Seloo -20km WIP (Spill Over)	40					
110kV									
C-2	HIGH AMPICITY CONDUCTOR	400kV							
		220kV		220kV Khaparkheda-Kanhan -64km	64	220kV Karanja - Ambazari	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	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							
		765kV							

**NAGPUR**

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	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					
				Hinganghat 1 X (100-80)MVA, 220/132kV	20					
D-4	TRANSFORMER ADDITION	220kV		Khaparkheda (1x25)MVA 220/33kV	25	400 kV Khaparkheda 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			
		132kV		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					
				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					
				Talegaon (1X 25)MVA 132/33kV MSKVY	25					
	Lakhandur 1X 25 MVA 132/33kV	25								
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								
F 2	REPLACEMENT	400kV								

**NAGPUR**

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>E-Z</b>	<b>T REACTOR</b>	<b>220kV</b>							
<b>F</b>	<b>CAPACITOR</b>	<b>220kv</b>							
		<b>132kv</b>		<b>1 S/s - 60 MVAR</b>	<b>60</b>	<b>2X15 MVAr 132kV</b>	<b>30</b>		
				<b>2 S/S-30MVAR</b>	<b>30</b>				
		<b>33kv</b>		<b>12 Nos S/S- 110 MVAR</b>	<b>110</b>				
<b>G</b>	<b>NAGPUR ISLANDING SCHEME</b>			<b>ILANDING SCHEME</b>					



**NASIK**

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
		132kV	7			132kV Navapur Dist-Nandurbar (WIP)	100			220/33 kv Shirdi Dsit. Ahemadnagar	100
						132/33kV Dhanora ,District-Jalgaon (WIP)	100			132/33 kV Shirud Dist: Dhule (NEW)	50
										132 /33 kV Kanashi Dist: Nashik (NEW)	50
										132/33kV Mendhvan, District-Ahmednagar	50
										132/33 kV Shirsole Dist: Jalgaon (NEW)	100
						132/33kV Pimpalner (MSEDCL/RE)	50				
		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 circkuits of 220 kV Malegaon-Kalwan Line at new proposed 400kV Malegaon (Sonaj) SS-10km	20
								LILO on 220kV Raymond - Washala @ Proposed 220/132kV Igatpuri 10ckm	10	LILO on both circkuits of 220 kV Malegaon-Manmad at new proposed Soundane SS- 5km	10
								LILO on 220 kV Babhaleshwar – Bhenda (S/C) line at 220 kV Shrirampur S/s. - 5 ckm	10	LILO on both ckt of 220kV Malegaon-Satana at new proposed 400 kV Malegaon (Sonaj) SS 220kV-Malegaon (Sonaj)-Satana-15km	30
										220 kV DC line by making LILO on 220 kV Dondaicha -Jamde line one ckt – 50 ckt kms @ Nandurbar MIDC	50
										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 220kV Dondaicha - Amalner line @ proposed 220kV Asali S/s. 37km	74
										LILO of one circuit of 220 kV Ahmednagar - Bhoose DC line at Supa - 20 Km	40

**NASIK**

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		132kV Visarwadi to Navapur DC line -20km	40	Re-Orientation for Incoming Lines at 132kV Ranwad Substation- 1.036km for Pimpalgaon* (NEW)	2.08	LILO on 132 kV Shamshepur - Nandurbar line at 220 kV Nandurbar MIDC - 30 ckt kms	30
				LILO on one circuit of 132 kV Yawal – Chopda line at 132 kV Dhanora S/s. (04 Km)	8			LILO on one ckt of 132 kV Nandurbar - Visarwadi line at 220 kV Nandurbar MIDC - 30 ckt kms.	30
								LILO on 132kV Sangamner - Khaparale at 220kV Sinner/Khapparale (New)	30
								LILO on 132kV Akole (existing) - Khaparale (existing) at 220kV Sinner/Khapparale (New)	20
								LILO of 132kV Chalisgaon - Borvihi TSS S/C line @ proposed 132kV Shirud substation - 6km	12
								132kV Kalwan (Bhendi) to Kanashi DC line - 27km	54
								LILO of 132kV Babbleshwar - Sangamner @ Proposed Mendhavan - 21km	42
								LILO on one ckt. 132kV Bambhori - Erandol Line at Shir soli 19km	38
								LILO ON 132kV Huoban-Sakri for 132kV Pimpalner S/S-30 km apprxx	60
								Conversion of 132kV Supa - Shirur line SCSC upto LILO point of 132kV Wadzire to 132kV DCDC line 7 km	14
					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 Wadjire line)	4			
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 Nimbalk 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							

**NASIK**

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)
				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				
C-2	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				
		132kV		220kV Jamde-Dondaicha Ckt-1 & 2 (NEW)	68				
				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 Pimperkhed-Chalisingaon	36.8				
				132kV Manmad-Pimperkhed	36.43				
				132kV Manmad-Chalisingaon	72.2				
	132kV Khaprle-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 Babhleshwar - Sangamner SCSC line into DCDC -34km	34				

**NASIK**

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		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 Pimpalgaon (1 X 50)MVA 132/33kV	100 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		Chalisingaon (1X200)MVA 220/132kV (WIP) (spill Over)	200					
	1X100 MVA 220/132kV ICT 220kV Shivajinagar.		100							
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			
		Newasa (1x25)MVA 132/33kV MSKVY	25							

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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)
				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		
				Samshepur (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				
		220kV		Dondaicha 1x(50-25)MVA, 220/33kV	25				
				Kundane1x(50-25)MVA, 220/33kV MSKVY	25				
				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				
		132kV		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							
				1 X (125 - 50) MVAr, Khadka	75				
	REPLACEMENT			1 X (125 - 80) MVAr, Babhaleshwar	45				

**NASIK**

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		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	

**PUNE**

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 Lotewadi (NEW) (RE)	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
								220kV Talegaon MIDC Phase II	100
								220/22kV Charholi (Pride Pourple)	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			
					LILO on 220kV Jejuri-Baramati S/C- 5km at Mundhale	4	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		
				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 both ckts of 220 kV Solapur PG - Narangwadi DC line at 220 kV Waghdari -40km	80		

**PUNE**

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				LILO on 132kV Rahatani –Varasgaon - 20km @ Knowledge Park/( Lavale phata )	20	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.		
								LILO on 220 kV Bale - Lamboti for 220kV Watwate SS	20	
									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
									Proposed 220kV U/G cable to proposed 220kV Charholi by making LILO arrangement of 220kV VSNL-Lonikand Line.	5
									LILO on 220kV Chinchwad - Parvati SC line for 220kV Marunje ss -5 km	10
			132kV						LILO on both ckt 132kV Waghdari- Tata Renew Solar to proposed 220/132 kV Waghdari ss- 5kM	10
								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								
		100kV								
		765kV								
		400kV				400kV LILO - Lonikand-I Jejuri at 765kV Shikrapur PG -30km approx	60			
				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			



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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>B</b>	<b>LINK LINES</b>	<b>220kV</b>		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		
						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		
						Conversion Chinchwad-Talegaon 100kV tower line to 132kV- 15km	15	LILO of Indapur -Ujani at Lonideokar-15km	30
			NCL-Rahatani- 6km	6	132 kV Walchandnagar - Bawda SCDC line - 35 kms on 132kV Walchandnagar-Indapur line(balance scope )	35			

**PUNE**

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		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								
C-1	2nd CIRCUIT STRING	220kV		Biltgraphic - Bhigwan- 8 km	8					
				220kV Lamboti-Vairag	34					
		132kV		Tap to LILO Volks Wagon - 3km (WIP)	3	2nd ckt stringing of 132 kV Rahatani-Varasgaon line (36 kM) (New)	36			
				Tap to LILO at 132 kV Bajaj Auto (Chinchwad - Chakan)-5km	5					
				Puluji-Loknete co-gen (new scheme)	22	Jeur-Parewadi	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					
						HTLS conductor of 220 kV Lonikand II-VSNL (NEW)	25			
						HTLS of 220kV VSNL- KHADKI-CENTURY ENKA- BHOSARI-I) (NEW)	31			

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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				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			
				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						
C-3	REPLACEMENT OF CONDUCTOR	220kV								
		132kV								
C-4	CONVERSION OF LINE	220kV								
		132kV								
D-1	CREATION OF NEW LEVEL	400kV								
		220kV		Century Enka(2x50)MVA 220/22kV (NEW)	100	Knowledge Park (2X100)MVA 220/132kV	200			
		132kv								
		33kv								

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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							
		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					
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		
				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					

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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		Madrup(1x50)MVA 132/33kV (NEW) MSKVY	50	Kurkumbh (1x50)MVA 132/33kV (NEW)	50		
				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				
E-1	NEW REACTOR	400kV		1X125 MVAr Chakan	125				
		400kV		1x(125-50)MVAr Lonikand I	75				
F	CAPACITOR	220kv		6 Substations- 110MVAr (Capacitor Bank Phase V)	110				
		132kv		585MVAr ,50 S/S under Solapur Circle (NEW) Capacitor Bank Phase VI	585				
		33kv		1010MVAr ,50 S/S under Pune Circle (NEW) Capacitor Bank Phase VI	1010				
			3 Substations- 30 MVAr Capacitor Bank Phase III	30					
	STATCOM	400kV							



VASHI

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	Cost cr	2026-27	Capacity (MVA, Ckt Kms)	Cost cr	2027-28	Capacity (MVA, Ckt Kms)	Cost cr		
B	LINK LINES	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-Bappaon 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	242								
				LILO on both ckts of 400 kV Tarapur-Padghe line at Kudus- 15 km (spill Over)	30	66								
				400 kV D/C Babhaleshwar-Kudus line- 200 km (WIP) (spill Over)	400	400								
		220kV							LILO on 220kV Bombay Dyeing-Sahara at 220kV Tambati S/S. -1km	2	2	Scheme for additional source at 220kV Vasai S/S by LILO of Adani Line and 220kV GIS. (NEW)	2.5	3
				LILO on 220 kV Tarapur-Borivali & Boisar-Ghodbunder line at Kudus - 29 kms (WIP) (spill Over)	120	164.00		Scheme for LILO at 220kV Nalasopara S/S from 220kV Ghodbunder Line	2.5	5				
				LILO on 220 kV Padghe-Wada & 220 kV Kolshet-Wada at 400 kV Kudus - 10 km (WIP) (spill Over)	20	28.00		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	48				
								Second source to 220 kV AKP S/S from 220kV Kalwa Substation. (NEW)	1.5	1				
				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	487		Link line between 220KV Colourchem and 220kV Kolshet (NEW)	5	1				
				LILO of 132kV Boisar-Palghar I for 132kV Jindal and 132kV Viraj by using multi-circuit configuration at Loc no. 21 (NEW)	3	14								
		110kv							LILO on one ckt of Boisar MIDC- Dahanu line at Palghar- 15 km (WIP) (spill Over)	30	12.00			
			100kV		100kV MUSCO-Khopoli -3km (WIP)	6	1	LILO of 100 kV Ambernath – Mohone at Jambhul - 5km	10	1.00				
					100kV MUSCO-Bhushan Steel (NEW)	21	1							
		C-1	2nd CIRCUI STRING	220kV										
400kV														
110kV														
100kV														
				400kV Kalwa-Padgha ckt -I-52km (WIP)	52	92	400kV Kalwa-Talegaon, 400kV Kalwa-Kharghar and 400kV Kharghar Talegaon Line by HTLS conductor. Along with bay work (NEW)	225	500					





VASHI

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	Cost cr	2026-27	Capacity (MVA, Ckt Kms)	Cost cr	2027-28	Capacity (MVA, Ckt Kms)	Cost cr
C-4	CONVERSION OF LINE	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	4			
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	45.00						
		132kv					2x100MVA 220/132kV ICT at 100kV GAIL	200	34			
				Jambhul (1 X 50)MVA 220/22 kV (WIP)	100	22.00						
D-2	ADDITION OF ICT	765kV										
		400kV		3x167 MVA 400/220kV ICT at Nagothane (New scheme)	500	31.00						
				3x167 MVA 400/220kV ICT at Kharghar (ICT-IV)	500	52.00						
				1x500MVA 400/220kV ICT at Padghe VI -ICT	500	31						
		220/100kV, 100 MVA ICT at 220kV Tambati SS (NEW)	100	12.00								
D-3	REPLACEMENT OF ICT	400kV		Nagothane 1 x (500-315 )MVA (1st ICT)	185	30.00	Nagothane 1 x (500-315 )MVA 400/220kV (Second ICT)	185	30.00			
				Kharghar 1 x (500-315 )MVA 400/220kV	185	40.00	Kharghar 1 x (500-315 )MVA 400/220kV	185	30.00			
		220kv										
D-4	TRANSFORMER ADDITION	220kV		Airoli Knowledge Park(1X 50)MVA 220/33kV	50	8.00	220/33kV 50MVA TF-5 at 400kV RS, Kharghar (NEW)	50	13.00			
							(2X50) MVA T/F 220/33kV at 220kV Palghar S/S. (NEW)	100	15.00			
				Nerul (1X100)MVA 220/33-33kV	100	14.00						
				Baapgaon (1X50)MVA 220/22kV	50	15.00	Vasai 1x50MVA 220/22kV	50	8.00			
				Anandnagar (1x50)MVA 220/22kV	50	8.00						
				1x50 MVA, 220/22 kV transformer at Vasai S/S (NEW)	50	15						
				ONGC Panvel(1X50)MVA 220/22kV	50	8.00						
		132kV					1 no. of 50 MVA T/F 132/33kV at 132kV Dahanu S/S. (NEW)	50	8.00			
		110kV										
		100kV										
D-5	TRANSFORMER REPLACEMENT	220kV		Temghar 1 X (100-50)MVA 220/22-22kV	50	14.00						
				Mahape 2X(100-50)MVA 220/22-22kV	100	30.00						
				Colourchem 2X(100-50)MVA 220/22-22kV	100	21.00						
				Kolshet 1 X (100-50)MVA 220/22-22kV	50	15.00						
		132kV		Boisar MIDC 1X(50-25)MVA 132/33kV	25	5.00						
		110kV										
		100kV		Patalganga 1X(50-25)MVA 100/22 kV	25	5.00						









TPC

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	Cost cr	2026-27	Capacity (MVA, Ckt Kms)	Cost cr	2027-28	Capacity (MVA, Ckt Kms)	Cost cr
	<b>ADDITION</b>	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	98	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) <b>(Shifted from FY 26-27)</b>	250	65
		100kV										
		220kV										
		132kV										
<b>D-5</b>	<b>TRANSFORMER REPLACEMENT</b>	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	40				Augmentation of transformation capacity at Bhingari S/s from 15 MVA to 60 MVA ( 2X30 MVA Power Transformers)	60	55
		100kV										
<b>E-1</b>	<b>NEW REACTOR</b>	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	24						
				220 kV, 1 x 125 MVAR (Trombay) (Work is in progress. Scheme will be completed in FY 24-25)	125	27						
<b>E-2</b>	<b>REPLACEMENT REACTOR</b>	400kV										
		220kV										
<b>F</b>	<b>CAPACITOR</b>	220kv										
		132kV										
		33kV										
		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					
				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		

**TPC**

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	Cost cr	2026-27	Capacity (MVA, Ckt Kms)	Cost cr	2027-28	Capacity (MVA, Ckt Kms)	Cost cr
<b>G</b>	<b>ADDITION OF BAYS</b>	220 kV		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 <b>(New Scheme)</b>		
				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 <b>(Shifted from FY 26-27)</b>		
				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)		
							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 <b>(Shifted from FY 25-26)</b>		
		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 <b>(Shifted from FY 26-27)</b>		
				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 <b>(Shifted from FY 25-26)</b>		
							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 <b>(Shifted from FY 26-27)</b>		
										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)		40	Installation of new 220 kV / 33 kV RSS at Palaspe Phata : 15 no of 33kV Bays <b>(New scheme)</b>		
							Upgradation of existing 22 kV AIS to GIS with additional bays at Mankhurd: 07 nos of addttional 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 <b>(Shifted from FY 25-26)</b>		

TPC

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	Cost cr	2026-27	Capacity (MVA, Ckt Kms)	Cost cr	2027-28	Capacity (MVA, Ckt Kms)	Cost cr
										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 <b>(Shifted from FY 25-26)</b>		
										Upgradation of MV AIS Switchgear by replacement with GIS at Salsette and Borivali S/s : Addition of 02 nos of Bays		
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		350			
		110 kV								Upgradation of existing 110 kV aged GIS system with new GIS at Grant Road S/s		150
											Upgradation of existing 110 kV AIS with GIS system at Malad S/s <b>(Shifted from FY 26-27)</b>	
		33kV / 22kV		22 kV AIS replacement with bays GIS with additional feeders to DISCOM at Kalayn RSS (Work in progress)		31	Upgradation of existing 22 kV AIS to GIS with additional bays at Mankhurd (New Scheme)		40		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)			38								
I	Miscellaneous						Load Balancer for better voltage regulation at Mankhurd S/s, Trombay S/s, Parel S/s	45	400	Load Balancer for better voltage regulation at Dharavi and Borivali S/s	30	500
				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)		29				Centralized Grid Connected Battery Energy Storage System (BESS) of 200 MW at Trombay S/s for Grid Support in Mumbai Transmission System <b>(Shifted from FY 25-26)</b>		1300





**AEML**

Sr. No.	Particulars	Vol level	No. of STN	2025-26	Capacity (MVA, Ckt Kms)	Cost cr	2026-27	Capacity (MVA, Ckt Kms)	Cost cr	2027-28	Capacity (MVA, Ckt Kms)	Cost cr
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 132kV 110kV 100kV					03rd, 220/33 kV, 125 MVA Transformer at BKC 220kV EHV Substation	125	30	03rd, 220/33 kV, 125 MVA Transformer at Chandivali 220kV EHV Substation	125	30
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	36.21				33kV Reactor at AEML-T EHV Stations (Versova, Ghodbunder, Borivali, Gorai, BKC)	140.00	71.42
E-2	REPLACEMENT REACTOR	220kV 400kV										
F	CAPACITOR	220kv 132kv 33kv										
	STATCOM											
	Special Schemes			220kV cable link augmentation between AIS & GIS installation of AEML at MSETCL Borivali		14.15	220kV AIS to GIS Conversion at Ghodbunder EHV S/s		147.38	220kV AIS to GIS Conversion at Versova EHV S/s		174.33
							Replacement of 220kV GIS Bays (Tr-5) w.r.t space constraint and short circuit level issues at Aarey		8.55	33kV AIS to GIS conversion at Aarey (2 Boards) VSV (1 Board) & GBR (1 Board)		79.00

AEMIL

Particulars	Vol level	No. of STN	2024 - 25	Capacity (MVA, Ckt Kms)	Cost cr	2025-26	Capacity (MVA, Ckt Kms)	Cost cr	2026-27	Capacity (MVA, Ckt Kms)	Cost cr	2027-28	Capacity (MVA, Ckt Kms)	Cost cr
Special Schemes						1000 MW Kudus- Aarey (VSC Based HVDC Scheme )	1000	6691.83						
						HVDC Cable link lines between Kudus-Aarey	80	Included in scheme cost						



**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 in MSETCL.	83.61	B.R. No. 157/15 dtd. 17/10/2022	1) MERC approval received on 13/03/2024.	2025-26
				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.	2025-26
				2) MERC approval awaited.	
4	Procurement of 04 nos. of Van Mounted Under Ground EHV Cable Fault Locator System to detect & locate the faults in underground cables in MSETCL upto 400 kV level.	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.	2025-26
				2) MERC approval awaited.	
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	<b>232.23</b>			2025-26
	<b>Total for FY 2024-25</b>	<b>521.31</b>			
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.	2026-27
				2) Recommended by MTC for submission to GCC for approval during 9th MTC meeting held on 13/03/2024.	
7	Procurement of 12 Nos of 25MVA 132/11 kV PTRs & 02 Nos110/11 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	
	<b>Total for FY 2025-26</b>	<b>314.04</b>			