

Monthly outage list approved in MOCM for the month of July'22

Note:
1) Please incorporate only approved outages and Under review outages in OMS on D-2 basis.
2) Outage will be approved on D-1 basis & will be facilitated as per real time system condition.

MOCM Sr.No.	Voltage level (kV)	Substation	Name of Equipment	Date	Time	Date	Time	Continuous / Daily Basis	Reason	System Owner	Outage requesting Constituent/ Circle	Remark	MOCM COMMENTS
1	110	Khopoli	Bhira Khopoli # 2 line	1 July 2022	00:00	1 July 2022	05:00	Daily	Inspection of Gantry insulators at Khopoli	TPCL	TPC-G	No generation restriction in N-1	Approved at night hrs.
2	220	JNPT	220KV SEZ - JNPT line	1 July 2022	09:00	1 July 2022	18:00	Daily	Attending JNPT End Breaker B Phase Mechanical Closing Problem.	MSETCL	MSETCL - Panvel Circle		Approved.
3	220	Kharghar	220/33kV 50 MVA TF-2 @ 400 kV Kharghar	1 July 2022	09:00	3 July 2022	17:00	Continuous	Old Relay Panel replacement by New & MTAMC project Work	MSETCL	MSETCL - Panvel Circle Circle		Approved.
4	220	Kalwa	220 kv Kalwa-Panchanad @ 220KV RS Kalwa	1 July 2022	10:00	1 July 2022	17:00	Daily	Routine maintenance	MSETCL	MSETCL - Kalwa Circle	220KV kalwa interconnector to be made ON	Availed on 28.06.2022
5	400	Kharghar	400/220 KV 3X105 MVA ICT - 1 @ Kharghar	2 July 2022	05:00	2 July 2022	14:00	Daily	For MTAMC work, Buchholz along with GCD replacement work and RM Work	MSETCL	MSETCL - Panvel Circle Circle		Approved if kalwa padghe ckt 2 not Approved by WRLD/ availed or readiness not given, (Rescheduled from 03.07.2022 to 02.07.2022).
6	110	Ambernath	Ambernath Kalyan 1	2 July 2022	08:00	2 July 2022	12:00	Daily	For removing jumpers of line for new breaker and GOD replacement at OFA	TPCL	TPC-T	N-1 contingency 110KV KKS 1,2 and Kalwa Kalyan in service	Approved. NOC from OFA to be taken by TATA
7	110	Ambernath	Ambernath Kalyan 1	2 July 2022	18:00	2 July 2022	22:00	Daily	For connection of jumpers of new breaker and GOD	TPCL	TPC-T	N-1 contingency 110KV KKS 1,2 and Kalwa Kalyan in service	Approved. NOC from OFA to be taken by TATA
8	220	Bhira	Bhira Karanjade 7 line	2 July 2022	00:00	2 July 2022	05:00	Daily	Closure inspection of Insulator at Bhira Generating station Gantry.	TPCL	TPC-G	Bhira+ Khopoli Generation will be restricted to 180 MW	Approved at night hours
9	220	Bhira	BPSU (150 MW)	3 July 2022	00:00	3 July 2022	05:00	Daily	RM, Slipping cleaning, instrumentation checks, BFV Trails.	TPCL	TPC-G	150 MW Generation N.A.	Approved in night hours
10	220	Carnac	Bus coupler@Carnac	3 July 2022	09:00	3 July 2022	17:00	Daily	Testing	TPCL	TPC-T	All equipment in service	Approved
11	400	Kalwa	400KV-KALWA-PUNE-PG-1	3 July 2022	09:00	3 July 2022	18:00	Daily	Addition jumpering work by fire wedge connector	MSETCL	MSETCL - Kalwa Circle	Addition jumpering work by fire wedge connector	OCC Outage
12	400	PUNE-PG	400KV-KALWA-PUNE-PG-1	3 July 2022	09:00	3 July 2022	18:00	Daily	AMP WORK	MSETCL	POWERGRID_WRI		OCC Outage
13	110	Bhira	OPH Set-any 2 sets (One at a time) 25 MW Each @ Bhira	4 July 2022	05:00	4 July 2022	09:00	Daily	RM, Slipping cleaning, instrumentation checks, BFV Trails.	TPCL	TPC-G	24 MW generation N.A.	Approved in night hours
14	220	ONGC	220kV ONGC- JNPT line	4 July 2022	09:00	4 July 2022	18:00	Daily	For Taking Auto recloser in service	MSETCL	MSETCL - Panvel Circle Circle		Approved
15	220	Boisar	220KV-TARAPUR 1&2-BOISAR-M-1	5 July 2022	07:00	8 July 2022	19:00	Continuous	Rusted Hardware & Old Insulator Replacement	MSETCL	MSETCL - Kalwa Circle	Scheme Work	OCC Outage
16	220	Trombay	Trombay ICT 5	6 July 2022	08:00	11 July 2022	20:00	Continuous	Protection relay replacement work, Devices relay replacement and Isolator replacement Oil leakage arresting, Conservator painting	TPCL	TPC-G	MSETCL ICT 4,5 and Tata ICT 4 available. ICTs capacity 200MVA each. (Trombay load 3000MW)	Approved
17	220	Uran	220kV Apta - Uran III line	6 July 2022	09:00	6 July 2022	18:00	Daily	For Taking Auto recloser in service	MSETCL	MSETCL - Panvel Circle Circle		Approved
18	110	Bhivpuri	Bhivpuri Ambernath 1	7 July 2022	08:00	7 July 2022	17:00	Daily	Closure inspection of Insulator at Bhivpuri Generating station Gantry.	TPCL	TPC-G	110KV KKS1 available at all 3 ends, Kalwa Kalyan and KKS2 available between Kalwa and Kalyan	approved
19	400	PUNE-PG	PUNE-PG - 400KV - BUS 2	7 July 2022	08:00	7 July 2022	18:00	Daily	rectification of conductor unwind problem	POWERGRID_WRI	POWERGRID_WRI		OCC outage
20	400	Kharghar	KHARGHAR - 400KV - BUS 2	8 July 2022	09:00	8 July 2022	18:00	Daily	Online testing of Busbar	MSETCL	MSETCL - Panvel Circle Circle	"1) SE, TCC, Vashi instructed to test the 400KV Bus Bar System. 2) All feeders & its own protection will be in service. 3) No any load will be affected."	OCC Outage
21	400	Kharghar	KHARGHAR - 400KV - BUS 1	8 July 2022	09:00	8 July 2022	18:00	Daily	Online testing of Busbar	MSETCL	MSETCL - Panvel Circle Circle	"1) SE, TCC, Vashi instructed to test the 400KV Bus Bar System. 2) All feeders & its own protection will be in service. 3) No any load will be affected."	OCC Outage
22	220	Backbay	Mahalaxmi Backbay	8 July 2022	22:00	9 July 2022	04:00	Continuous	Breaker testing, protection testing	TPCL	TPC-T	Dharavi Mahalaxmi will cater the load of 180 MW. Line Capacity 300MW (N-1 contingency Carnac Backbay 4 will carry 250MW capacity 300 amps)	Approved.
23	110	Kalwa	Kalwa Kalyan line	8 July 2022	08:00	8 July 2022	17:00	Daily	To closure inspection of line	TPCL	TPC-T	Bhivpuri generation to be maintained	Approved
24	220	Uran	220KV Kharghar - Uran II line	8 July 2022	09:00	8 July 2022	18:00	Daily	For Taking Auto recloser in service	MSETCL	MSETCL - Panvel Circle Circle		Approved.
25	220	Kalwa	220kV TBC at 400KV RS Kalwa	8 July 2022	09:00	8 July 2022	13:00	Daily	Routine maintenance	MSETCL	MSETCL - Kalwa Circle		Approved
26	400	BABLESHWAR	400KV-BABLESHWAR-PADGHE-1	9 July 2022	09:00	9 July 2022	18:00	Daily	Chemical Cleaning of Insulator string and Routine Line maintenance work. CB Timing, DCRM, CVT Testing	MSETCL	MSETCL	400KV Padghe II will be in service	OCC outage
27	400	Kalwa	400KV-KALWA-PADGHE-2	9 July 2022	09:00	9 July 2022	18:00	Daily	Reorientation for HTLS work	MSETCL	MSETCL - Kalwa Circle	Reorientation for HTLS work	OCC outage
28	220	BOISAR-M	BOISAR-M - 220KV - BUS 2	9 July 2022	09:00	10 July 2022	18:00	Continuous	Bus Maintenance Work	MSETCL	MSETCL - Kalwa Circle		OCC outage
29	400	Kalwa	400KV-KALWA-PADGHE-2	10 July 2022	09:00	10 July 2022	18:00	Daily	Reorientation for HTLS work	MSETCL	MSETCL - Kalwa Circle	Reorientation for HTLS work	OCC outage

MOCM Sr.No.	Voltage level (kV)	Substation	Name of Equipment	Date	Time	Date	Time	Continuous / Daily Basis	Reason	System Owner	Outage requesting Constituent/ Circle	Remark	MOCM COMMENTS
30	400	Kalwa	400KV-KALWA-PADGHE-2	10 July 2022	09:00	10 July 2022	19:00	Daily	1) Bay Maint work 2) Diagnostic Testing work 3) MTAMC work	MSETCL	MSETCL - Kalwa Circle	1) Weather condition should be clear	OCC outage
31	220	Trombay(M)	220KV Bus-Section-3 at 220KV Trombay S/stn which includes 220KV Trombay-Mulund line, 220KV TATA Tie 1 Line)	10 July 2022	20:00	11 July 2022	04:00	Continuous	1) 220KV BUS PT Diagnostic Testing, 2) Mulund line Bus Isolator spring replacement, 3) TIE-1 line Bus Isolator Clamp replacement by TATA at MSETCL end and 4) Bay R&M work.	MSETCL	MSETCL - Kalwa Circle		Approved. After restoration of Kalwa - padghe ckt-2
32	400	Kalwa	400KV-KALWA-PUNE-PG-1	10 July 2022	09:00	10 July 2022	18:00	Daily	Addition jumpering work by fire wedge connector	MSETCL	MSETCL - Kalwa Circle	Addition jumpering work by fire wedge connector	OCC outage
33	400	BABLESHWAR	400KV-BABLESHWAR-PADGHE-1	10 July 2022	08:00	10 July 2022	18:00	Daily	Chemical Cleaning of Insulator string and Routine Line maintenance work, CB Tuning, DCRM, CVT Testing	MSETCL	MSETCL	400kV Padghe II will be in service	OCC outage
34	220	Trombay(T)	Trombay Salsette Line 1	11 July 2022	08:00	11 August 2022	19:00	Continuous	Long outage of 220 kV TSH 1 is required for raising of lines at loc. 52A & 53 for Lavender Bough Metro 4 Ghatkopar crossing project.	TPCL	TPC-T	220KV TIE 1,2, Trombay Salsette 1 are available	Approved. detail of work, N-1 study to be submitted by TATA. El permission required before charging (if kalwa - padgha - 2 outage on 16,17,23,24 deferred). After restoration of 110KV Vikhrai - Salsette & Pawai - Salsette
35	220	Taloja	220kv Taloja-Panchand line	12 July 2022	09:00	12 July 2022	18:00	Daily	Dist & B/U relay replacement work.	MSETCL	MSETCL - Panvel Circle Circle		Approved
36	110	Ambarnath	Ambarnath Neral line	14 July 2022	08:00	14 July 2022	17:00	Daily	Closure Inspection of line	TPCL	TPC-T	110KV KKS1 available at all 3 ends, Kalwa Kalyan and KKS2 available between Kalwa and Kalyan	Approved
37	220	Uran	220kV Apta - Uran IV line	15 July 2022	09:00	15 July 2022	18:00	Daily	For Taking Auto recloser in service	MSETCL	MSETCL - Panvel Circle Circle		approved
38	220	Kharghar	NR Busbar at 400 kV Kharghar	15 July 2022	09:00	15 July 2022	18:00	Continuous	Bus Bar testing	MSETCL	MSETCL - Panvel Circle Circle		Approved.
39	220	Kalwa	220KV Interconnector by 400KV RS Kalwa	15 July 2022	10:00	15 July 2022	13:00	Daily	Routine maintenance	MSETCL	MSETCL - Kalwa Circle		Approved if Normally open
40	220	Bhavgar	220kV Bhavgar-Roma Line	15 July 2022	09:00	15 July 2022	17:00	Daily	Line Maintenance Work by Line maintenance S/Dn, Boisar	MSETCL	MSETCL - Kalwa Circle	Routine Line maintenance and jumper nut bolts tightening work.	Approved
41	220	Versova	Versova - MSETCL Boisar Line	16-Jul-22	00:00	28-Jul-22	20:00	Continuous	1. Metro-9 Project work (Erection of 02 new monopoles and shifting of existing lines at Mira Bhyander area) 2. DFCCIL Project work (Erection of 03 new inline lattice type towers and shifting existing lines at Virar Area) 3. NHSRCL project work (Erection of 02 new towers (01 - Monopole & 01 Lattice) and shifting of existing lines at Vasai Area)	AEML-T	AEML-T	1. 220 kV Versova - MSETCL Boisar and Dahanu - Versova Lines will be reconfigured as 220 kV Dahanu - Viraj and Dahanu - Boisar Lines during this outage period. 2. Versova EHV Substation will be disconnected from DTPS and MSETCL Boisar during this outage period.	Approved, 1) submit the N-1, N-1-I study result before availing outage 2) Electrical inspector permission required at the time of charging for individual work separately ie. Metro 9, DFCCIL, NHSRCL,
42	220	Versova	Dahanu - Versova Line	16-Jul-22	09:00	28-Jul-22	20:00	Continuous	1. Metro-9 Project work (Erection of 02 new monopoles and shifting of existing lines at Mira Bhyander area) 2. DFCCIL Project work (Erection of 03 new inline lattice type towers and shifting existing lines at Virar Area) 3. NHSRCL project work (Erection of 02 new towers (01 - Monopole & 01 Lattice) and shifting of existing lines at Vasai Area)	AEML-T	AEML-T	1. 220 kV Versova - MSETCL Boisar and Dahanu - Versova Lines will be reconfigured as 220 kV Dahanu - Viraj and Dahanu - Boisar Lines during this outage period. 2. Versova EHV Substation will be disconnected from DTPS and MSETCL Boisar during this outage period.	Approved, 1) submit the N-1, N-1-I study result before availing outage 2) Electrical inspector permission required at the time of charging for individual work separately ie. Metro 9, DFCCIL, NHSRCL,
43	400	Kalwa	400KV-KALWA-PADGHE-2	16-Jul-22	00:00	16-Jul-22	20:00	Daily	Reorientation for HTLS work	MSETCL	MSETCL - Kalwa Circle	Reorientation for HTLS work	OCC outage
44	220	Kalwa	MAIN BAY OF 220KV-BOISAR-BOISAR-M-3 AND BOISAR-M - 220KV - BUS 1 @BOISAR-M - 220KV at BOISAR-M - 220KV	16 July 2022	07:00	17 July 2022	17:00	Continuous	CB Maintenance Work by shifting the line on TBC	MSETCL	MSETCL - Kalwa Circle		OCC outage
45	400	BABLESHWAR	400KV-BABLESHWAR-PADGHE-2	16 July 2022	08:00	17 July 2022	18:00	Daily	Chemical Cleaning of Insulator string and Routine Line maintenance work, LBB Testing	MSETCL	MSETCL	400kV Padghe I will be in service	OCC outage
46	400	PUNE-PG	400KV-KHARGHAR-PUNE-PG-1	16-Jul-22	09:00	30-Jul-22	18:00	Daily	Line diversion work due to expansion of MIDC road at Talegaon. Outage taken for a project of National Importance and hence to be considered as deemed available to TSP.	MSETCL	WTPL - ADANI	Shutdown required for dismantling, erection and stringing work.	OCC outage
47	400	Kalwa	400KV-KALWA-PADGHE-2	17-Jul-22	09:00	17-Jul-22	18:00	Daily	Reorientation for HTLS work	MSETCL	MSETCL - Kalwa Circle	Reorientation for HTLS work	OCC outage
48	220	Kalwa	220KV-BOISAR-NALASOPARA-1	17-Jul-22	09:00	17-Jul-22	18:00	Daily	For Bay Maintenance Work at Nalasopara End and Line Maintenance Work by Line Maintenance Sub-Division Boisar	MSETCL	MSETCL - Kalwa Circle	For Bay Maintenance Work at Nalasopara End and Line Maintenance Work by Line Maintenance Sub-Division Boisar	OCC outage
49	500	CHANDRAPUR HVDC	POLE-1 BASE AC FILTER Z1-Z2(200MVAR) @ CHANDRAPUR HVDC	18-Jul-22	08:00	23-Jul-22	22:00	Continuous	To Replace Interconnecting Jumpers of AC Filter & Its accessories like Clamps, Round bar, Washers etc. It is necessary to carry out above work to avoid frequent Hotspots in AC Filter	MSETCL	MSETCL	Work will be carried out through Agency i.e. M/s BHEL 1. Both Pole will be in service & Bi-Power Restriction of 850 MW 2. Pole II base Filter will be available 3. Due to any reason Pole II base Filter get tripped both Pole will get tripped	occ outage
50	110	Khopoli	Khopoli Davdi	20 July 2022	08:00	20 July 2022	17:00	Daily	Insulator inspection & Providing insulator split pin at Khopoli Generating station Gantry	TPCL	TPC-G	No generation restriction	Approved
51	220	Uran	220KV Kharghar - Uran I libe	20 July 2022	09:00	20 July 2022	18:00	Daily	For Taking Auto recloser in service	MSETCL	MSETCL - Panvel Circle Circle		Approved

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52	220	Kharghar	ABB Busbar at 400 kV Kharghar	21 July 2022	09:00	21 July 2022	18:00	Daily	Bus Bar testing	MSETCL	MSETCL - Panvel Circle Circle		Approved
53	220	Trombay (T)	Trombay Carnac 6	21 July 2022	08:00	21 July 2022	17:00	Daily	Protection Trails and LBBU Testing	TPCL	TPC-G	Trombay Carnac 5 and 7 are available with 300MW capacity (Carnac load @200 MW)	Approved
54	220	Boisar (PG)	220KV-BOISAR-BOISAR-M-2	22 July 2022	09:00	22 July 2022	17:30	Daily	For AMP works of LTE at Boisar end	MSETCL	POWERGRID_WR2		OCC outage
55	220	Uran	220kV Apta - Uran II line	22 July 2022	09:00	22 July 2022	18:00	Daily	For Taking Auto recloser in service	MSETCL	MSETCL - Panvel Circle Circle		Approved
56	220	Kalwa	220kV Kalwa- Siemens line at 220KV RS Kalwa	22 July 2022	14:00	22 July 2022	17:00	Daily	Routine maintenance	MSETCL	MSETCL - Kalwa Circle		Approved
57	220	Padghe	220kV Padghe -Wada Line	22 July 2022	09:00	22 July 2022	17:00	Daily	Line Maintenance Work by Line maintenance S/Dn, Boisar	MSETCL	MSETCL - Kalwa Circle	Routine Line maintenance and jumper nut bolts tightening work.	Approved
58	400	Padghe	BUS COUPLER BAY - PADGHE - 400KV - BUS 1 AND PADGHE - 400KV - BUS 2 at PADGHE - 400KV	22 July 2022	09:00	31 July 2022	19:00	Continuous	1) Replacement of old Bhel make CB under LES scheme . 2) MTAMC work 3) Diagnostic Testing work	MSETCL	MSETCL	1) Weather condition should be clear for the work	OCC outage
59	220	Trombay (T)	Trombay Carnac 7	23 July 2022	08:00	23 July 2022	17:00	Daily	Protection Trails and LBBU Testing	TPCL	TPC-G	Trombay Carnac 5, and 6 are available with 300MW capacity (Carnac load 200 MW)	Approved
60	400	Kalwa	400KV-KALWA-PADGHE-2	23 July 2022	09:00	23 July 2022	18:00	Daily	Reorientation for HTLS work	MSETCL	MSETCL - Kalwa Circle	Reorientation for HTLS work	OCC outage
61	220	Boisar	220KV-BOISAR-BOISAR-M-2	23 July 2022	09:00	23 July 2022	18:00	Daily	Bay Maintenance Work	MSETCL	MSETCL - Kalwa Circle	Bay Maintenance Work	OCC outage
62	400	Kharghar	400KV-KHARGHAR-PUNE-PG-1	24 July 2022	09:00	24 July 2022	18:00	Daily	Addition jumpering work by fire wedge connector	MSETCL	MSETCL	Addition jumpering work by fire wedge connector	OCC outage
63	400	POWERGRID_WR1	400KV-KHARGHAR-PUNE-PG-1	24 July 2022	07:00	24 July 2022	18:00	Daily	CVT TESTING	MSETCL	POWERGRID_WR1		OCC outage
64	400	Kalwa	400KV-KALWA-PADGHE-2	24 July 2022	09:00	24 July 2022	18:00	Daily	Reorientation for HTLS work	MSETCL	MSETCL - Kalwa Circle	Reorientation for HTLS work	OCC outage
65	220	Boisar	220KV-BOISAR-BOISAR-M-3	24 July 2022	09:00	24 July 2022	18:00	Daily	Bay Maintenance Work	MSETCL	MSETCL - Kalwa Circle	Bay Maintenance Work	OCC outage
66	500	Chandrapur HVDC	Pole-2 Non base AC filter Z3 (120 MVAR) @ Chandrapur HVDC	25 July 2022	08:00	27 July 2022	22:00	Continuous	To carryout the work of replacing Interconnecting Jumpers of AC filter & its accessories like washer, Clamps, Round bars etc. Pole 1 Z3 Filter will be available. No Bipole Power Restriction It is necessary to carry out above work to nullify the frequent Hotspots in Filter	MSETCL	MSETCL	Work will be carried out through Agency i.e M/s BHEL	OCC outage
67	500	Chandrapur HVDC	Pole-2 Non base AC filter Z4 (80 MVAR) @ Chandrapur HVDC	28 July 2022	08:00	30 July 2022	22:00	Continuous	To Replace Interconnecting Jumpers of AC Filter & its accessories like Clamps, Round bar, Washers etc.	MSETCL	MSETCL	Work will be carried out through Agency i.e. M/s BHEL 1. There will be no Power restriction form Chandrapur End. 2. Pole 1 Z4 Filter will be available during Outage period	occ outage
68	110	Ambernath	Ambernath Kalyan 2	28 July 2022	08:00	28 July 2022	12:00	Daily	For removing jumpers of line for new breaker and GOD replacement at OFA	TPCL	TPC-T	N-1 contingency 110KV KKS 1,2 and Kalwa Kalyan in service	Approved. NOC from OFA to be taken by TATA
69	110	Ambernath	Ambernath Kalyan 2	28 July 2022	12:00	28 July 2022	16:00	Daily	For connection of jumpers of new breaker and GOD	TPCL	TPC-T	N-1 contingency 110KV KKS 1,2 and Kalwa Kalyan in service	Approved. NOC from OFA to be taken by TATA
70	220	Wada	220kV Wada Bhavghar Line	29 July 2022	09:00	29 July 2022	17:00	Daily	Line Maintenance Work by Line maintenance S/Dn, Boisar	MSETCL	MSETCL - Kalwa Circle	Routine Line maintenance and jumper nut bolts tightening work.	Approved
71	220	PUNE-PG	PUNE-PG - 220KV - BUS 2	30 July 2022	08:00	30 July 2022	18:00	Daily	HT INSULTION WORK	POWERGRID_WR1	POWERGRID_WR1		OCC outage
72	110	Bhivpuri	Unit 11 @ Bhivpuri	31 July 2022	08:00	31 July 2022	17:00	Daily	Slip Ring Cleaning, attending unit alarms	TPCL	TPC-G	Note: We are not generating Bhivpuri in rainy season	Approved
73	400	Kharghar	400KV-KHARGHAR-PUNE-PG-1	31 July 2022	09:00	31 July 2022	18:00	Daily	Addition jumpering work by fire wedge connector	MSETCL	MSETCL - Kalwa Circle	Addition jumpering work by fire wedge connector	OCC outage

Under review in MOCM for the month of July'22

MOCM Sr.No.	Voltage level (kV)	Substation	Name of Equipment	Date	Time	Date	Time	Continuous / Daily Basis	Reason	System Owner	Outage requesting Constituent/ Circle	Remark	MOCM COMMENTS
74	220	Borivali (T)	Tata Bor-MSETCL Bor 4	4 July 2022	08:00	6 July 2022	20:00	Continuous	Relay replacement at MSETCL Bor Project work.	TPCL	TPC-T	220KV BO Bo 5, AEML Versova 1 , 2 Sal Bor 1 and 2 are available	Availed on 27.06.2022 to 29.06.2022
75	220	Borivali (T)	Tata Bor-MSETCL Bor 5	7 July 2022	08:00	9 July 2022	20:00	Continuous	Relay replacement at MSETCL Bor Project work.	TPCL	TPC-T	220KV BO Bo 4, AEML Versova 1 , 2 Sal Bor 1 and 2 are available	will be considered if tarapur boiser outage readiness not received or deferred by WRILDC

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76	220	Kalwa	220KV Road side Main bus at 220KV RS Kalwa (220KV Road side Bus includes following lines: 1) 220KV Temghar, 2) 220KV Panchanad 2) 220KV Apta.)	8 July 2022	10:00	8 July 2022	17:00	Daily	Routine maintenance	MSETCL	MSETCL - Kalwa Circle	220KV Road side Bus includes following lines: 1) 220KV Temghar, 2) 220KV Panchanad 2) 220KV Apta. However, during the outage on 220KV Road Side Bus, 220KV Temghar Line will be in service as all the work corresponding to it has been completed.	Approved on 28.06.2022 to 30.06.2022
77	220	Salsette	220 kV Salsette Borivali	8 July 2022	00:00	9 July 2022	19:00	Continuous	Conductor shifting on new tower no. 2A for customer funded project (third party)	TPCL	TPC-T	220KV Sal Bor 2, AEML Versova 1.2, BOBO 4,5 are in service	Details of project work to be submitted , will be considered if kharghar bus bar testing readiness not received or deferred by WRLCD
78	110	Salsette	110 kV Salsette Kolsbet Line	8 July 2022	00:00	9 July 2022	19:00	Continuous	Conductor shifting on new tower no. 2A for customer funded project (third party)	TPCL	TPC-T	110KV Kolsbet BMC BO BO 1 and salsette BMC lines are available	Will be considered if kharghar bus bar testing readiness not received or deferred by WRLCD
79	220	Dharavi	Bus coupler @ Dharavi	10 July 2022	09:00	10 July 2022	20:00	Daily	Hydraulic Cylinder Replacement	TPCL	TPC-T	All equipment in service	Will be considered if padgha Kalwa ckt 2 readiness not received or deferred by WRLCD
80	220	Vasai	220kV Padgha-Nallasopara-Vasai Tap Line at 220KV Vasai S/st	10 July 2022	09:00	10 July 2022	17:00	Daily	Line Maintenance Work by Line maintenance S/Dn, Boisar	MSETCL	MSETCL - Kalwa Circle	Routine Line maintenance and jumper nut bolts tightening work.	Will be considered if padgha Kalwa ckt 2 readiness not received or deferred by WRLCD
81	220	Trombay (T)	Trombay Salsette Line 2	13 July 2022	08:00	13 July 2022	17:00	Daily	Protection Trails and LBBU Testing	TPCL	TPC-G	Depend on Trombay Salsette 1 long outage 220KV TIE 1.2, Trombay Salsette 1 are available	Will be considered if Trombay Salsette 1 long outage not availed.
82	110	Bhivpuri	Bhivpuri Ambernath line	15 July 2022	08:00	15 July 2022	17:00	Daily	Closure Inspection of line	TPCL	TPC-T	110KV KKS1 available at all 3 ends, Kalwa Kalyan and KKS2 available between Kalwa and Kalyan	Will be considered if not availed on 07.07.22
83	110	Kalyan	Kalwa Kalyan line	16 July 2022	08:00	16 July 2022	17:00	Daily	Closure Inspection of line	TPCL	TPC-T	110KV KKS1 available at all 3 ends, Kalwa Kalyan and KKS2 available between Kalwa and Kalyan	Will be considered if kalwa - padghe 2 ckt outage deferred
84	220	Trombay (T)	Trombay Dharavi 9	16 July 2022	08:00	16 July 2022	17:00	Daily	Protection Trails and LBBU Testing	TPCL	TPC-G	Depend on Bhira generation (to be maintained full as per load)	Will be considered if kalwa - padghe 2 ckt outage deferred
85	110	Bhira	Set 3 @ Bhira (25MW)	17 July 2022	08:00	17 July 2022	18:00	Daily	Protection relay testing	TPCL	TPC-G	24 MW generation N.A.	Will be considered if kalwa-Padghe ckt 2 outage deferred or readiness not given
86	220	Bhira	BPSU	17 July 2022	06:00	17 July 2022	08:00	Daily	Slipering work	TPCL	TPC-G	150 MW Generation N.A.	Will be considered if kalwa-Padghe ckt 2 outage deferred or readiness not given
87	220	Saki (T)	Tata Saki AEML Saki 1	17 July 2022	09:30	17 July 2022	17:00	Daily	R/M M1 , M2 Islanding relay testing	TPCL	TPC-T	Tata Saki AEML Saki 2 , Salsette Saki7, Saki Sahar are available will cater 200MW load	Will be considered if kalwa-Padghe ckt 2 outage deferred or readiness not given
88	110	Khopoli	24 MW Unit 9 @ Khopoli	24 July 2022	08:00	24 July 2022	15:00	Daily	Instrument calibration & CO2 system R/M	TPCL	TPC-G	24 MW generation N.A.	Will be considered if Kalwa - Padghe 2 ckt outage readiness not received or deferred by WRLCD.
89	220	Saki (T)	Tata Saki AEML Saki 2	24 July 2022	09:30	24 July 2022	17:00	Daily	R/M M1 , M2 Islanding relay testing	TPCL	TPC-T	Tata Saki AEML Saki 1 , Salsette Saki7, Saki Sahar are available will cater 200MW load	Will be considered if kalwa-Talegaon outage deferred or readiness not given
90	220	Vasai	220kV Kamba Vasai line at 220KV Vasai S/stn	24 July 2022	09:00	24 July 2022	18:00	Daily	Bay Maintenance work	MSETCL	MSETCL - Kalwa Circle		Will be considered if kalwa-Talegaon outage deferred or readiness not given
91	110	Khopoli	24 MW Unit 7 @c Khopoli	31 July 2022	08:00	31 August 2022	18:00	Daily	Instrument calibration & CO2 system R/M	TPCL	TPC-G	24 MW generation N.A.	Will be considered if kharghar - Talegaon outage readiness not received or deferred by WRLCD
92	220	Boisar	220 kV Boisar (M)-Borivali Line	31 July 2022	09:00	31 July 2022	17:00	Daily	Line Maintenance Work by Line maintenance S/Dn, Boisar	MSETCL	MSETCL - Kalwa Circle	For hot spot attending work at Loc No.01 (Rph),26(Rph),27(Rph)	Will be considered if kharghar - Talegaon outage readiness not received or deferred by WRLCD
93	220	Boisar	220 kV Boisar-Ghodbunder Line at 220KV Boisar-II S/stn	31 July 2022	09:00	31 July 2022	16:00	Daily	Line Maintenance Work by Line maintenance S/Dn, Boisar	MSETCL	MSETCL - Kalwa Circle	For hot spot attending work at Loc No.02 (Rph),3(Bph),26(Yph),71(Yph)	Will be considered if kharghar - Talegaon outage readiness not received or deferred by WRLCD

Deferred in MOCM for the month of July'22

MOCM Sr.No.	Voltage level (kV)	Substation	Name of Equipment	Date	Time	Date	Time	Continuous / Daily Basis	Reason	System Owner	Outage requesting Constituent/ Circle	Remark	MOCM COMMENTS
94	220	Versova	Dahanu - Versova Line	1 July 2022	06:00	1 July 2022	20:00	Daily	DFCCIL Project work (Modification of line at Virar area)	AEML-T	AEML-T	Outage proposed by AEML-T project team on request of DFCCIL	Deferred and rescheduled by AEML on 16.07.2022 to 28.06.2022
95	110	Salsette	Kalyan Kalwa Salsette-2 Line	1 July 2022	08:00	31 March 2023	20:00	Continuous	220kV Kalwa Salsette-5 Line work Loop opening at Location-40, between Kalwa & Salsette. Line will remain in service between Kalyan & Kalwa.	TPCL	TPC-T	110KV KKS1 available at all 3 ends, Kalwa Kalyan and KKS2 available between Kalwa and Kalyan	submit study plan, plan after restoration of waghivali-mankurdh and waghivali -Chembur
96	220	Salsette	Salsette Borivali Line 1	1 July 2022	00:00	3 July 2022	00:00	Continuous	Tower erection with conductor shifting at new tower no. 2A project (third party)	TPCL	TPC-T	220KV Sal Bor 2, AEML Versova 1.2, BOBO 4,5 are in service	Deferred due to other outages in same corridor

MOCM Sr.No.	Voltage level (kV)	Substation	Name of Equipment	Date	Time	Date	Time	Continuous / Daily Basis	Reason	System Owner	Outage requesting Constituent/ Circle	Remark	MOCM COMMENTS
97	220	Versova	Versova - MSETCL Boisar Line	2 July 2022	06:00	2 July 2022	20:00	Daily	DFCCIL Project work (Modification of line at Virar area)	AEML-T	AEML-T	Outage proposed by AEML-T project team on request of DFCCIL	Deferred and rescheduled by AEML on 16.07.2022 to 28.06.2022
98	220	Boisar	220kV Boisar-Versova at 220kV Boisar-II S/stn	2 July 2022	07:45	2 July 2022	07:55	Daily	For shifting of the bay from 220kV B Bus to 220kV A Bus.	AEML	MSETCL - Kalwa Circle	1) To avail the outage on 220kV B Bus for 220kV PGCIL Line 1 bay strengthening works, 220kV Versova line HT will be required to transfer the bay (from 220kV B Bus to 220kV A Bus) as there is no C Bus /TBC provision for 220kV Versova bay. ***Points required to be noted:- -There are a lot of bays that are included in the Bus outage which includes central Utility lines (PGCIL, Tarapur). -In case of emergency outage in the Mumbai region or any 400kV line outage, the outages at 220kV BoisarII stn are kept on hold or denied. During above scenarios, the outage of 220kV B Bus cannot be assured & thus the assurance for the outage on 220kV Boisar-Versova cannot be given and therefore the date for the outage proposed may shift to next weekend and so on as per LD Kalwa's instructions. Secondly, the 220kV B Bus outage is proposed for 25.06.2022 to 26.06.2022.If the outage is availed, 220kV Boisar-Versova line outage will not be required on 02.07.2022 & 03.07.2022.	Work completed on 25.06.2022 and 26.06.2022
99	220	Boisar	220kV Boisar-PGCIL-1 Line at 220kV Boisar-II S/stn	2 July 2022	09:00	3 July 2022	22:00	Continuous	PGCIL-1 Bay strengthening work at 220kV Boisar-II S/stn	MSETCL	MSETCL - Kalwa Circle	220kV Boisar-PGCIL-1 Line outage for bay strengthening work at 220kV Boisar-II S/stn is proposed from 25.06.2022 to 26.06.2022. If this outage is approved & bay strengthening work is completed then the outage on PGCIL-1 line will not be required in July-2022.	Work completed on 25.06.2022 and 26.06.2022
100	220	Boisar	220kV B Bus at 220kV Boisar-II S/stn (220kV B-Bus includes following Lines: 1) 220kV Boisar-Versova, 2) 220kV PGCIL-1 3) 220kV PGCIL-1II 4) 220kV Boisar-Borivali & 5) 220kV Tarapur-Boisar Line)	2 July 2022	07:45	3 July 2022	22:25	Continuous	1) For safety purpose for strengthening of 220kV PGCIL Line-1 bay at 220kV Boisar-II S/stn as Stub Bus of PGCIL Line 1 passes over 220kV B Bus. 2) All the lines on 220kV B-Bus i.e 220kV Boisar-Versova, 220kV PGCIL-1 & II, 220kV Boisar-Borivali & 220kV Tarapur-Boisar Line will be shifted on 220kV A-Bus through TBC during the proposed work except 220kV Boisar-Versova line as there is no provision of C-Bus/ TBC.	MSETCL	MSETCL - Kalwa Circle	For 220kV PGCIL Line 1 bay strengthening works, Stub Bus of PGCIL Line 1 passes over 220kV B Bus, therefore for safety purpose 220kV B-Bus outage is essential.All the bays of 220kV B Bus will be shifted to 220kV A bus through TBC except 220kV Boisar-Versova as there is no C Bus /TBC provision for 220kV Versova bay. - In case of emergency outage in the Mumbai region or any 400kV line outage, the outages at 220kV BoisarII stn are kept on hold or denied. During above scenarios, the outage of 220kV B Bus cannot be assured therefore the date for the outage proposed may shift to next weekend and so on as per LD Kalwa's instructions. Secondly, the 220kV B Bus outage is proposed for 25.06.2022 to 26.06.2022. Then outage will not be required on 02.07.2022 & 03.07.2022.	Work completed on 25.06.2022 and 26.06.2022
101	110	Bhivpuri	110kV Main Bus Zone-2@Bhivpuri	3 July 2022	06:00	3 July 2022	13:00	Daily	Main B.S. III,IV,V,VI & GOD RM , Pre-Mon Main	TPCL	TPC-G	Unit 9,10 (48 MW) Generation N.A. 110kV Khopoli Bhivpuri -1 line will remain out for 2 hours then it will be controlled by Transfer breaker) Bhivpuri Neral line Note: We are not generating Bhivpuri in rainy season Unit 9 will remain out till 1700 hrs	Deferred due 400kV kalwa talegaon PG outage
102	220	Bhira	Bhira Karanjade 8 line	3 July 2022	08:00	3 July 2022	17:00	Daily	Closure inspection of Insulator at Bhira Generating station Gantry.	TPCL	TPC-G	Bhira+ Khopoli. Generation will be restricted to 180 MW	Deferred due 400kV kalwa talegaon PG outage
103	220	Boisar	220kV Boisar-Versova at 220kV Boisar-II S/stn	3 July 2022	22:15	3 July 2022	22:25	Daily	For shifting of the bay back from 220kV A Bus to 220kV B Bus.	AEML	MSETCL - Kalwa Circle	After availing the outage on 220kV B Bus (for 220kV PGCIL Line 1 bay strengthening work) to normalize the bus configuration, 220kV Versova line HT will be required to transfer the bay (from 220kV A Bus to 220kV B Bus) as there is no C Bus /TBC provision for 220kV Versova bay. The outage proposed is solely depended on the outage availed on 02.07.2022.	Work completed on 25.06.2022 and 26.06.2022
104	110	Khopoli	Ductline from Walwan to Forbay	10 July 2022	06:00	10 July 2022	18:00	Daily	Ductline cleaning, forbay trash screen inspection	TPCL	TPC-G	72 MW Plant N.A. for generation	Deferred. Not considered due to padgha Kalwa ckt 2 outage
105	110	Bhira	OPH Set-any 2 sets (One at a time)	10 July 2022	06:00	10 July 2022	18:00	Daily	RM, Shiring cleaning, instrumentation checks, BFV Trails.	TPCL	TPC-T	24 MW generation N.A.	Deferred. Not considered due to either padgha Kalwa ckt 2 outage
106	220	Bhira	BPSU (150MW)	10 July 2022	06:00	10 July 2022	18:00	Daily	R/M	TPCL	TPC-T	150 MW Generation N.A.	Deferred. Not considered due to either padgha Kalwa ckt 2 outage
107	110	Bhira	110kV Main Bus Zone-2	10 July 2022	06:00	10 July 2022	13:00	Daily	Main B.S. I,II and III & GOD RM , Pre-Mon Main	TPCL	TPC-G	Unit 11 (24 MW) Generation N.A. 110kV Khopoli Bhivpuri -2 line will remain out for 2 hours then it will be controlled by Transfer breaker) Bhivpuri Ambemath line Note: We are not generating Bhivpuri in rainy season , Unit 11 will remain out till 1700 hrs	Deferred. Not considered due to either padgha Kalwa ckt 2 outage

MOCM Sr.No.	Voltage level (kV)	Substation	Name of Equipment	Date	Time	Date	Time	Continuous / Daily Basis	Reason	System Owner	Outage requesting Constituent/ Circle	Remark	MOCM COMMENTS
108	220	Mahalaxmi	Dharavi Mahaxmi	10 July 2022	08:00	10 July 2022	17:00	Daily	Breaker testing, protection testing, OLTS configuration	TPCL	TPC-T	Backbay Mahalaxmi will cater the load of 180 MW. Line Capacity 300MW (N-1 contingency Carnac Backbay 4 will carry 250MW capacity 300 amps)	Deferred. Not considered due to either padgha kalwa ckt 2 outage
109	220	Backbay	Carnac Backbay 4	10 July 2022	08:00	10 July 2022	17:00	Daily	Testing	TPCL	TPC-T	Backbay Mahalaxmi line in service . In N-1 contingency 110KV Carnac Best Backbay 1, Carnac backbay 2 and 3 are in service with 900 amps capacity each (Backbay load is 100MW)	Deferred. Not considered due to either padgha kalwa ckt 2 outage
110	220	Salsette	Trombay Salsette Line 2	10 July 2022	08:00	10 July 2022	19:00	Daily	Shifting of 220 kV TS# 2 on TDS RoW (top ckt right side facing towards salsette) by making cross jumpering between loc. 48 of TS & loc. 46 of TDS and also at loc. 62 of TS & loc. 60 of TDS	TPCL	TPC-T	220KV TIE 1,2, Trombay Salsette 1 are available	Deferred. Not considered due to either padgha kalwa ckt 2 outage
111	110	Khopoli	24 MW Unit 8 @ Khopoli	17 July 2022	08:00	17 July 2022	15:00	Daily	Instrument calibration & CO2 system R/M	TPCL	TPC-G	24 MW generation N.A.	Deferred due to kalwa-Padghe ckt 2 outage and multiple outages in corridor
112	110	Bhira	OPH Set-any 1 set	17 July 2022	06:00	17 July 2022	18:00	Daily	RM, Slipring cleaning, instrumentation checks, BFV Trails.	TPCL	TPC-G	24 MW generation N.A.	Deferred due to kalwa-Padghe ckt 2 outage and multiple outages in corridor
113	220	Bhira	Bhira Karanjade 7 line	17 July 2022	08:00	17 July 2022	17:00	Daily	Replacement of Insulator at Bhira Generating station Gantry	TPCL	TPC-G	Bhira+ Khopoli Generation will be restricted to 180 MW	Deferred due to kalwa-Padghe ckt 2 outage and multiple outages in corridor
114	110	Bhivpuri	Bhivpuri Plant N.A	24 July 2022	08:00	24 July 2022	17:00	Daily	Hill tank work.	TPCL	TPC-G	Note: We are not generating Bhivpuri in rainy season . Unit 9,10, 11 will remain out till 1700 hrs	Deferred due to kalwa-Padghe ckt 2 outage and multiple outages in corridor
115	110	Bhira	OPH Set-any 2 sets (One at a time	24 July 2022	06:00	24 July 2022	18:00	Daily	RM, Slipring cleaning, instrumentation checks, BFV Trails.	TPCL	TPC-G	24 MW generation N.A.	Deferred due to kalwa-Padghe ckt 2 outage and multiple outages in corridor
116	220	Bhira	BPSU	24 July 2022	06:00	24 July 2022	12:00	Daily	R/M	TPCL	TPC-G	150 MW Generation N.A.	Deferred due to kalwa-Padghe ckt 2 outage and multiple outages in corridor
117	110	Bhivpuri	Bhivpuri Plant N.A	24 July 2022	08:00	24 July 2022	17:00	Daily	BFV work.	TPCL	TPC-G	Note: We are not generating Bhivpuri in rainy season . Unit 10 will remain out till 1700 hrs	Deferred due to kalwa-Padghe ckt 2 outage and multiple outages in corridor
118	220	Bhira	Bhira Karanjade 8 line	24 July 2022	08:00	24 July 2022	17:00	Daily	Replacement of Insulator at Bhira Generating station Gantry	TPCL	TPC-G	Bhira+ Khopoli Generation will be restricted to 180 MW	Deferred due to kalwa-Padghe ckt 2 outage and multiple outages in corridor