

Monthly outage list approved in MOCM for the month of November'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.

Sr. No.	Voltage level	Name of Substation	Name of the Equipment	From		To		Continuous / Daily	Reason	System owner	Outage requesting constituent	Remark	MOCM Comments
				Date	Time	Date	Time						
4	220kV	220 kV Line Maint. S/DN., Kalwa	220 kV Kharghar Borivali 2 Line	01/11/22	8:00	9/11/22	19:00	D	Auto Reclose function is to be kept out of service during installation of OPGW from Kharghar gantry to Loc. No. 20 & between Loc. No. 53 to 55.	Kalwa Circle	Kalwa Circle	M/s MTCIL will carry out OPGW installation work A/R Off Only.	Approved , on daily basis if no other outage in this corridor.
5	500KV	Chandrapur	Pole-2 Non base AC filter Z3 (120 MVAR) @ Chandrapur HVDC(Element not found)	01/11/22	08:00	2/11/22	22:00	C	To carry out the work of replacing interconnecting jumpers of AC filter capacitor bank & its accessories like washer, clamps, round bars etc. It is necessary to carry out above work to nullify the frequent Hotspots in filter.	MSLDC_OUTAGE	MSLDC_OUTAGE	1.Work will be carried out through agency i.e. M/s BHEL. 2) Both Pole will be in service & there is no Power Restriction . 3)Pole-1 Z3 filter will be available.	Subject to approval of WRLDC,
6	400KV	Kalwa	400KV-KALWA-PADGHE-1	01/11/22	09:00	4/11/22	18:00	D	PID Testing of Insulators Auto-Reclose function to be out of service.	MSLDC_OUTAGE	MSLDC_OUTAGE	PID Testing of Insulators Auto-Reclose function to be out of service.	Subject to approval of WRLDC,
7	220kV	Trombay B	Tata Trombay- MSETCL Trombay 1	02/11/22	8:00	9/11/22	20:00	C	Breaker replacement at Tata and MSETCL end	Tata power	Tata power	220KV Tata Trombay MSETCL Trombay 2 (Capacity 600MW), Trombay Salsette 1 & 2 (Capacity 300MW each) will remain in service Trombay Load 900 MW	Approved. Trombay thermal generation to regulated.
8	220 kV	Ghodbunder	Main Bus-2	02/11/22	7:00	2/11/22	19:00	D	Annual Maintenance of Bus Side isolators	AEML-T	AEML-T		Approved , all elements to be in service through bus 1
9	220 kV	Ghodbunder	Bus Sectionalizer-2 (GIS Bay No.12)	02/11/22	7:00	2/11/22	19:00	D	Annual Maintenance of Bus Side isolators	AEML-T	AEML-T		Approved , all elements to be in service through bus 1
12	400KV	Lonikand	400KV-LONIKHAND-PUNE-PG-1	03/11/22	08:00	4/11/22	20:00	D	O/H & Serviceing of 29C PG Isolator & Replacement of PGI mechanism box.	MSLDC_OUTAGE	MSLDC_OUTAGE	NIL	Subject to approval of WRLDC

Sr. No.	Voltage level	Name of Substation	Name of the Equipment	From		To		Continuous / Daily	Reason	System owner	Outage requesting constituent	Remark	MOCM Comments
				Date	Time	Date	Time						
13	500KV	Chandrapur	Pole-2 Non base AC filter Z4 (80 MVAR) @ Chandrapur HVDC(Element not found)	03/11/22	08:00	4/11/22	22:00	C	To replace interconnecting jumpers of AC Filter capacitor bank & its accessories like Clapms, Round bar, Washers etc. It is necessary to carry out above work to avoid frequent Hotspots in AC filter.	MSLDC_OUTAGE	MSLDC_OUTAGE	1.Work will be carried out through agency i.e. M/s BHEL. 2) Both Pole will be in service & there is no Power Restriction . 3)Pole-1 Z4 filter will be available.	Subject to approval of WRLDC
14	220kV	220 kV Line Maint. S/DN., Kalwa	220 kV Panchanand Talaja Line	03/11/22	9:00	3/11/22	17:00	D	For routine maintenance work	MSETCL	Kalwa Circle		Approved
	220KV	Godbunder	220KV Godbuner -Boisesr M	04/11/22	8:00	4/11/22	17:00	D	Attending optical CT , communication issue.	AEML-T	AEML-T		Approved.
15	220 kV	Versova	Buscoupler	04/11/22	9:00	4/11/22	19:00	D	Annual Maintenance of Bay equipments	AEML-T	AEML-T		Approved
16	220 kV	220 kV Apta	220 kV Apta Bombay Dyeing	04/11/22	08:00Hrs	4/11/22	16:00Hrs	D	Bay Maintenance Work and C & Tan-Delta Testing	MSETCL	EHV(O&M)Circle,Panvel		Approved, Bombay dyeing NOC required.
17	400kV	400kv Padghe	315MVA ICT-II	04/11/22	9:00	4/11/22	19:30:00 PM	D	1) MTAMC work 2) Bay Maint work 3) Diagnostic Testing work 4) Oil leakage attending work If any 5) IR value measurement of B -PH IV LA	MSETCL	Padghe	1) Weather condition should be clear	will be considered if padghe bus 2 and ICT 3 outage not availed.
20	220kV	401kV Padghe	Pairtal A Bus in upper section	04/11/22	6:30	4/11/22	20:30	D	Partial A-Bus outage in upper section For replacement of 70KN suspension type Disc of insulator by 120KN Disc insulator of 220/100kv 200MVA ICT-1 HV Bay and 220/22kV 50MVA T&R make Tf. (During this outage 220/100Kv 200MVA ICT-1 Bay,220Kv BC bay and 220/22kV 50MVA T&R make Tf. must be under outages)	MSETCL	Padghe		Submit the diagram of average /expected load flow position before and after outage 2) Impact to bus coupler opening on load flows 4) will be considered only if 400KV side bus outage not availed or deferred by WRLDC

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				Date	Time	Date	Time						
21	220kV	400kV Padghe	220kV Bus coupler	04/11/22	6:30	4/11/22	20:30	D	for replacement of Broken jumper of R phase CT	MSETCL	Padghe		Submit the diagram of average /expected load flow position before and after outage 2) Impact to bus coupler opening on load flows 4) will be considered only if 400KV side bus outage not availed or deferred by WRLDC
22	220kV	Line M S/Dn Boisar	200kv Wada -Bhaveghar Line	04/11/22	10:00	4/11/22	17:00	D	Dignostic, Relay Testing work and Line Maintenance work.	MSETCL	Kalwa Circle		Approved
25	400KV	Pune zone	400KV-KHARGHAR-PUNE-PG-1	04/11/22	07:00	7/11/22	18:00	C	Conductor replacement in span between loc. No. 33 to 34 for all phases, and replacement of discs type insulator with AF long rod insulator at loc 33 and 34(Talegaon side).	MSLDC_OUTAGE	MSLDC_OUTAGE	NIL	subject to approval of WRLDC
26	220kV	Salsette	220KV Bus fault relay Zone 1 & 2 one at a time	05/11/22	8:00	5/11/22	17:00	D	Relay Testing	Tata power	Tata power	Emergency clearance 20 Mins	Plan between 09/11 to 24/11
27	220KV	Bhira	155 MVA 220/110KV ICT 1	05/11/22	6:00	5/11/22	19:00	D	R/M and Testing	Tata power	Tata power	Emergency clearance 30 Mins. 155MVA ICT 2 will remain in service.No generation Restriction in N-1.	Approved ,
28	220KV	220KV Trombay S/s.	220KV Bus-Section-3 which includes: a) 220KV Trombay-Mulund line b) 220KV TATA Tie-1 Line	05/11/22	9:00	5/11/22	18:00	D	1) 220kV BUS PT Diagnostic Testing. 2) Mulund line Bus Isolator spring replacement. 3) TATA-TIE-1 line Bus isolator Clamp replacement by TATA at MSETCL end and 4) Bay R&M work.	MSETCL (& TATA for 220KV TATA Tie-I)	Kalwa Circle		Apporved at nigh hrs of 04.11.2022 , due to HVDC pole 2 outage from 05 to 12 and kalwa mulund outage proposed on same day.
29	220kV	400kv Padghe	220/100kV 200MVA ICT-4	05/11/22	9:30	5/11/22	20:30	D	For replacement of air cell of conservator tank & takinf Diagnostic testing work	MSETCL	Padghe		Approved
30	220kv	400 KV RS KALWA	220 KV Kalwa Mulund II	05/11/22	8:00	5/11/22	18:00	D	Bay maaintenance & CT replacement work	MSETCL	Kalwa Circle		Approved

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				Date	Time	Date	Time						
31	400kv	400 KV RS KALWA	400KV-KALWA-PADGHE-1	05/11/22	08:00	5/11/22	18:00	D	All diagnostic testing work, Bay Bay maintenance work.	MSLDC_OUTAGE	MSLDC_OUTAGE	All diagnostic testing work, Bay Bay maintenance work.	plan on night of 04 , due to HVDC pole 2 outage from 05 to 12
32	220KV	400 KV RS KALWA	MAIN BAY OF 220KV-BOISAR-BOISAR-M-3 AND BOISAR-M - 220KV - BUS 1 @BOISAR-M - 220KV at BOISAR-M - 220KV	05/11/22	09:00	6/11/22	17:00	C	CB Overhauling Work by shifting the line on TBC.	MSLDC_OUTAGE	MSLDC_OUTAGE	BOISAR II - BOISAR (PG) CKT - 3 will be in service through TBC.	subject to approval of WRLDC, line to be in service through TBC
34	500KV	Chandrapur	HVDC 500KV CHANDRAPUR HVDC POLE 2	05/11/22	08:00	12/11/22	22:00	C	Annual Maintenance work AC & DC Yard Equipment, Valve Hall, Diagnostic testing, Line Maintenance etc	MSLDC_OUTAGE	MSLDC_OUTAGE	1.Pole-1 will be in service with 750 MW	subject to approval of WRLDC, pole 1 restriction 750
35	400KV	Padghe	PADGHE - 400KV - BUS 1	05/11/22	09:00	12/11/22	17:00	C	Replacement of A bus PG Isolator Hanger Assembly of 400 kV HVDC- 2 Bay by hot line method.	MSLDC_OUTAGE	MSLDC_OUTAGE	Weather condition should be clear	Subject to approval of WRLDC, EI inspector approval for Isolator replacement , 2 days for isolator replacement and 2 days for hanger rod replacement. Email to be sent on d-3 basis for which 2 days hot line work required.
36	400KV	Padghe	400KV-PADGHE HVDC-PADGHE-2	05/11/22	09:00	12/11/22	21:00	C	1. Bay maint. work 2. Diagnostic testing work 3. Bhel CB Pole Overhauling work 4. A bus PG Isolator Replacement work under LES 5. If pole Overhauling work not completed due to any reason line will be charge on TBC. 6. Hot line work for Replacement of Hanger assembly of A bus PG Isolator 7. Outage Should be Reschedule with annual outage of HVDC Pole if any date change .	MSLDC_OUTAGE	MSLDC_OUTAGE	1. Weather condition should be clear for pole overhauling and PG Isolator Replacement	subject to approval of WRLDC, EI inspector approval required for Isolator replacement

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				Date	Time	Date	Time						
37	220KV	Bhira	155 MVA 220/110 KV ICT 1	06/11/22	6:00	6/11/22	19:00	D	R/M and Testing	Tata power	Emergency clearance 30 Mins. 155MVA ICT 2 will remain in		Approved
38	220KV	220KV Borivali S/s.	220 kV Borivali - Ghodbunder Line	06/11/22	10:00	6/11/22	14:00	C	For Annual Diagnostic Tests	MSETCL	Kalwa Circle		Approved
39	220 KV	400 KV RS KALWA	500 MVA ICT III (LV & HV Side)	06/11/22	8:00	6/11/22	18:00	D	Bay maintenance & Complete Diagnostic testing work	MSETCL	Kalwa Circle		will be considered if padghe bus/HVDC pole/220KV road side outage not availed ,
40	400kV	400 KV RS KALWA	400KV-KALWA-PADGHE-2	06/11/22	06:00	6/11/22	18:00	D	For restoration of 400KV Kalwa -Padgha ckt 2 from diverted route to its original rout (400KV Kalwa-Padgha-@ line is proposed to be diverted between loc no. 3 to 46 on 400KV Padgha-Kharghar dead line on 01.10.2022) .	MSLDC_OUTAGE	MSLDC_OUTAGE	For restoration of 400KV Kalwa - Padgha ckt 2 from diverted route to its original rout (400KV Kalwa-Padgha-@ line is proposed to be diverted between loc no. 3 to 46 on 400KV Padgha-Kharghar dead line on 01.10.2022) .	Plan on 05.11.2022, before or after HVDC pole 2 or on 13.11.2022
41	220 kV	Versova	Main Bus-2	07/11/22	9:00	7/11/22	19:00	D	Annual Maintenance of Bus Side isolators	AEML-T	AEML-T		all elements to be in service through main bus 1
42	220kV	220/132/33kV Boisar II s/s	220kV Boisar-Borivali Line	07/11/22	9:00	7/11/22	17:00	D	Bay Equip. diagnostic testing.	MSETCL	Kalwa Circle	Outage for r/m works.	approved,
44			400KV-KALWA-PADGHE-1	07/11/22	09:00	12/11/22	18:00	D	PID Testing of Insulators Auto-Reclose function to be out of service.	MSLDC_OUTAGE	MSLDC_OUTAGE	PID Testing of Insulators Auto-Reclose function to be out of service.	AR out only , subject approval of WRLDC
45	220 kV	Ghodbunder & Versova	Versova - Ghodbunder Line	08/11/22	9:00	8/11/22	17:00	D	Annual Maintenance of Bay equipments	AEML-T	AEML-T		Approved
46	220 kV	220 kV Apta	220 kV Apta Tambati	08/11/22	08:00Hrs	8/11/22	16:00Hrs	D	CT TAN DELTA and general bay maintenance	MSETCL	EHV(O&M)Circle,Panvel		Approved
47	220kV	220 kV Line Maint. S/DN., Kalwa	220 kV Reliance Mahape Line	08/11/22	8:00	9/11/22	19:00	D	Auto Reclose function is to be kept out of service during installation of OPGW between loc no. 53 to 55.	MSETCL	Kalwa Circle	M/s MTCIL will carry out OPGW installation work	Approved , only AR to be kept off, Reliance to be infomed

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				Date	Time	Date	Time						
48	220kV	220 kV Line Maint. S/DN., Kalwa	220 kV Siemens Reliance Line	08/11/22	8:00	9/11/22	19:00	D	Auto Reclose function is to be kept out of service during installation of OPGW between loc no. 53 to 55.	MSETCL	Kalwa Circle	M/s MTCIL will carry out OPGW installation work	Approved , only AR to be kept off, Reliance to be informed
49	220kV	220 kV Line Maint. S/DN., Kalwa	220 kV Kharghar Nerul Line	08/11/22	9:00	8/11/22	17:00	D	For re-crimping deadends at various locations	MSETCL	Kalwa Circle		will be considered if trommbay TATA tie 1 outage not availed
50	220 KV	400 KV RS KALWA	220 KV Bus Coupler bay	08/11/22	9:00	8/11/22	18:00	D	Bay maintenance & Complete Diagnostic testing work	MSETCL	Kalwa Circle		2) 220KV kalwa bus cuopler generarly open, maint can be done any time
51	400KV	400 KV RS KALWA	BUS COUPLER BAY - KALWA - 400KV - BUS 1 AND KALWA - 400KV - BUS 2 at KALWA - 400KV	08/11/22	08:00	8/11/22	17:00	D	To carry out all Diagnostic Testing work including DCRM, CT Tan Delta etc	MSLDC_OUTAGE	MSLDC_OUTAGE	To carry out all Diagnostic Testing work including DCRM, CT Tan Delta etc	Subject to approval of WRLDC
52	220KV	Versova	250 MVA 220/110KV ICT 1	09/11/22	9:00	9/11/22	17:00	D	R/M and Testing	Tata power	Tata power	Emergency clearance 30 Mins. ICT 2 ,Transformer 1 and 2 are in service	Approved.,
56	220 kV	Ghodbunder	Main Bus-1	09/11/22	7:00	9/11/22	19:00	D	Annual Maintenance of Bus Side isolators	AEML-T	AEML-T		Apporved, provided all elements to be in service through bus 2
57	220 kV	Ghodbunder	Bus Sectionalizer-1 (GIS Bay No.11)	09/11/22	7:00	9/11/22	19:00	D	Annual Maintenance of Bus Side isolators	AEML-T	AEML-T		Apporved, provided all elements to be in service through bus 2
58	220kV	220 KV Uran	220 KV Uran-Kharghar- 1 Line	09/11/22	09:00Hrs	9/11/22	18:00 Hrs	D	Insulator String Replacement	MSETCL	EHV(O&M)Circle,Panvel		Approved
59	220kV	220 KV Uran	220 KV Main Bus-2	09/11/22	09:00Hrs	9/11/22	18:00 Hrs	D	Insulator String Replacement	MSETCL	EHV(O&M)Circle,Panvel		Approved
60	220kV	220 kV Viraj S/S	220 kV Dahanu-Viraj Line	09/11/22	9:00	9/11/22	17:00	D	Bay Equip. diagnostic testing.	MSETCL	Kalwa Circle		Will be considered if ghodbunder outage not availed
61	110KV	Transmission line	110KV Kalwa Kalyan	10/11/22	9:00	10/11/22	12:00	D	DH type tower erection at loc. 175 for M/s Runwal Project (Opening of RHS Jumpers)	Tata power	Tata power	Line Capacity will be restricted to 550A.	Approved ,bhivpuri generation to be schedule

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62	220 kV	Versova	Dahanu - Versova Line	10/11/22	6:00	30/11/22	18:00	C	Bunching of lines at location no.SS 82 to facilitate the following project work: DFCCIL project : Shifting of lines on permanent towers from SS 225 to SS 228. Post bunching the existing lines will be reconfigured as 220 kV Dahanu - Boisar temporary line.	AEML-T	DFCCIL		Approved, new line boiser dahanu will be created temporary, MSETCL kalwa circle NOC required, protection coordination to be done Electrical inspector permission required at time Normalisation
63	220 kV	Versova	Boisar - Versova Line	10/11/22	6:00	30/11/22	18:00	C	Bunching of lines at location no.SS 82 to facilitate the following project work: DFCCIL project : Shifting of lines on permanent towers from SS 225 to SS 228. Post bunching the existing lines will be reconfigured as 220 kV Dahanu - Boisar temporary line.	AEML-T	DFCCIL		Approved, new line boiser dahanu will be created temporary, MSETCL kalwa circle NOC required, protection coordination to be done Electrical inspector permission required at time Normalisation
64	220KV	220KV Trombay S/s.	220KV Trombay-Chembur-2 line	10/11/22	12:00	10/11/22	18:00	D	For Relay testing work by testing unit Kalwa	AEML	Kalwa Circle		Approved after restoration of tie 1.
65	220kV	220 KV Uran	220 KV Uran-Apta 3 Line	10/11/22	09:00Hrs	10/11/22	18:00 Hrs	D	Insulator String Replacement	MSETCL	EHV(O&M)Circle,Panvel		Approved
66	220kV	220 KV Uran	220 KV Main Bus-2	10/11/22	09:00Hrs	10/11/22	18:00 Hrs	D	Insulator String Replacement	MSETCL	EHV(O&M)Circle,Panvel		Approved
67	220kV	220 kV Line Maint. S/DN., Kalwa	220 kV Kharghar Borivali 2 Line	10/11/22	8:00	21/11/22	19:00	D	1) Outage required for the installation of OPGW between loc. No. 20 to 39 (No Earthwire) 2) Project Dn, Kalwa has proposed outage for safety purpose to work on 220KV Kalwa-TFIPL Line on 18.11.2022	MSETCL	Kalwa Circle	M/s MTCIL will carry out OPGW installation work	will be approved on D-1 basis as per other outages in same corridor.

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				Date	Time	Date	Time						
68	110KV	Transmission line	110KV Kalwa Kalyan	11/11/22	15:00	11/11/22	20:00	D	DH type tower erection at loc. 175 for M/s Runwal Project (Closing of RHS jumpers & opening of LHS Jumpers)	Tata power	Tata power	Line Capacity will be restricted to 550A.	Approved, Bhivpur generation to scheduled.
69	220kV	220 KV Uran	220 KV Uran-SEZ Line	11/11/22	09:00Hrs	11/11/22	18:00 Hrs	D	Insulator String Replacement	MSETCL	EHV(O&M)Circle,Panvel		will be considered if 400KV Padghe kalwa ckt2 outage not availed.
70	220kV	220 KV Uran	220 KV Main Bus-2	11/11/22	09:00Hrs	11/11/22	18:00 Hrs	D	Insulator String Replacement	MSETCL	EHV(O&M)Circle,Panvel		will be considered if 400KV Padghe kalwa ckt2 outage not availed.
73	220kV	220KV Kolshet S/s.	220kV Kolshet Kharbao line	11/11/22	10:00	11/11/22	17:00	C	Diagnostic Testing Work,Isolator maintenance work,Bay maintenance work & RMW	MSETCL	Kalwa Circle		Approved
74	220kV	220kV Mahape	220kV Mahape-Reliance Line bay	11/11/22	8:00	11/11/22	18:00	D	Diagnostic testing and bay equipment maintenance work.	MSETCL	Kalwa Circle		Approved
76	220 KV	400 KV RS KALWA	220 KV KALWA Colourchem	11/11/22	8:00	13/11/22	18:00	C	1) CB pole O/H work line will be in service through in TBC 2) EHV Project Dn, Kalwa will carry out work of removeing jumper & make LILO at 330KV Busbar	MSETCL	Kalwa Circle		Apporved, After restoration of HVDC pole 2 , TBC shifting can be approved.
77	220 KV	400 KV RS KALWA	220KV-BOISAR-BOISAR-M-1	11/11/22	07:00	11/11/22	17:00	D	Bay Maintenance Work	MSLDC_OUTAGE	MSLDC_OUTAGE	Bay Maintenance Work	Subject to approval of WRLDC
78	400KV	Pune zone	400KV-KALWA-PUNE-PG-1	11/11/22	07:00	13/11/22	18:00	C	Conductor replacement in span between loc. No. 33 to 34 for R and B phase, and replacement of discs type insulator with AF long rod insulator at loc 33 and 34(Talegaon side).	MSLDC_OUTAGE	MSLDC_OUTAGE	NIL	Subject to approval of WRLDC
79	400KV	400 KV RS KALWA	400KV-KALWA-PADGHE-2	11/11/22	09:00	13/11/22	18:00	C	Replacement of existing conductor by HTLS Conductor.	MSLDC_OUTAGE	MSLDC_OUTAGE	Replacement of existing conductor by HTLS Conductor.	Subject to approval of WRLDC
71	220 kV	220 kV Apta	220 kV Apta Kalwa	12/11/22	08:00Hrs	12/11/22	16:00Hrs	D	Bay Maintenance Work and C & Tan-Delta Testing	MSETCL	EHV(O&M)Circle,Panvel		Approved

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80	220 kV	Aarey	Aarey - AEML Borivali Line on TBC	12/11/22	8:00	12/11/22	17:00	D	Annual Maintenance of Circuit Breaker	AEML-T	AEML-T	Line will be in service through TBC	Apporved, line to be in service through TBC
81	220kV	220 kV Line Maint. S/DN., Kalwa	220 kV Kalwa Tfpl Line	12/11/22	8:00	15/11/22	19:00	D	Outage required for the installation of OPGW between loc. No. 20 to 39	MSETCL	Kalwa Circle	M/s MTCIL will carry out OPGW installation work	Approved.
82	220KV	220KV Borivali S/s.	220 kV Borivali - Kalwa Line	12/11/22	10:00	12/11/22	14:00	C	For Annual Diagnostic Tests	MSETCL	Kalwa Circle		Will be considered if Boiser bus 1/ 400KV Kalwa padghe ckt 2 / kalwa talegaon PG outage not availed.
83	220kV	220/132/33kV Boisar II s/s	220kV Bus Coupler	12/11/22	9:00	12/11/22	13:00	D	Bay Equip. diagnostic testing.	MSETCL	Kalwa Circle	Outage for r/m works.	Subject to approval of WRLDC
84	220 KV	220KV Boiser substation.	BOISAR-M - 220KV - BUS 1	12/11/22	07:00	13/11/22	20:00	C	Bus Isolator R/M & other R/M Work.	MSLDC_OUTAGE	MSLDC_OUTAGE	Bus Isolator R/M & other R/M Work.	Subject to approval of WRLDC
85	110KV	Transmission line	110KV Kalwa Kalyan	13/11/22	15:00	13/11/22	20:00	D	DH type tower erection at loc. 175 for M/s Runwal Project (Closing of LHS jumpers Jumpers)	Tata power	Tata power	Line Capacity will be restricted to 550A.	After restoration of 110KV Tata Borivali MSETCL Borivali 2 Bhivpuri generation to scheduled.
86	110kV	Borivali	110KV Tata Borivali MSETCL Borivali 2	13/11/22	9:00	13/11/22	14:00	D	Distance protection and CVT testing	Tata power	Tata power	ICT 1,2,3 will remain in service.	Approved
88	400/220 KV	400 KV RS KALWA	600 MVA ICT II (LV & HV Side)	13/11/22	8:00	13/11/22	18:00	D	Bay maintenance & Complete Diagnostic testing work, Fire wall work.	MSETCL	Kalwa Circle		plan night hrs, will be considered if no other outages by powergrid/400KV Kalwa padghe ckt 2/ 400KV kalwa - Talegaon PG .
89	220 KV	220KV Nalasopara	220KV-BOISAR-NALASOPARA-1	13/11/22	07:00	13/11/22	14:00	D	Line Maintenance Work	MSLDC_OUTAGE	MSLDC_OUTAGE	Line Maintenance Work	Subject to approval of WRLDC

Sr. No.	Voltage level	Name of Substation	Name of the Equipment	From		To		Continuous / Daily	Reason	System owner	Outage requesting constituent	Remark	MOCM Comments
				Date	Time	Date	Time						
90	220kV	Trombay B	Trombay Dharavi-5	14/11/22	9:30	14/11/22	17:00	D	CVT testing at Trombay end	Tata power	Tata power	220KV Tata Trombay Dharavi 6 and 9 (each Capacity 600MW)are in service with Bhira Generation available.	Approved. Bhira generation to be regulated.
91	220 kV	Aarey	Aarey - TPC Borivali Line on TBC	14/11/22	8:00	14/11/22	17:00	D	Annual Maintenance of Circuit Breaker	AEML-T	AEML-T	Line will be in service through TBC	Approved line to be in service through TBC
92	220 kV	Versova	Versova -Goregaon Line-2 on TBC	14/11/22	9:00	14/11/22	19:00	D	Annual Maintenance of Circuit Breaker	AEML-T	AEML-T	Line will be in service through TBC	Approved line to be in service through TBC
93	220kV	220kV Mahape	220kV Mahape-TFIPL Line bay	14/11/22	8:00	14/11/22	18:00	D	Diagnostic testing and bay equipment maintenance work.	MSETCL	Kalwa Circle		Apporved
94	500KV	Chandrapur	POLE-1 BASE AC FILTER Z1-Z2(200MVAR) @ CHANDRAPUR(Elmnet not found)	14/11/22	08:00	17/11/22	22:00	C	To replace interconnecting jumpers of AC Filter capacitor bank & its accessories like Clapms, Round bar, Washers etc. It is necessary to carry out above work to avoid frequent Hotspots in AC filter.	MSLDC_OUTAGE	MSLDC_OUTAGE	1. Work will be carried out through agency i.e. M/s BHEL. 2. Both Pole will be in service & there is Bi-Power Restriction of 850 MW 3 Pole-II base filter will be available. 4. Due to any reason Pole-II base filter get tripped both Pole will get tripped.	Subject to approval of WRLDC
95	400KV	kalwa	400KV-KALWA-PUNE-PG-1	14/11/22	09:00	25/11/22	18:00	D	PID Testing of Insulators Auto-Reclose function to be out of service.	MSLDC_OUTAGE	MSLDC_OUTAGE	PID Testing of Insulators Auto-Reclose function to be out of service.	Subject to approval of WRLDC
96	220kV	220 kV Line Maint. S/DN., Kalwa	220 kV Sonkhar Trombay Line	15/11/22	8:00	31/11/2022	19:00	D	Auto Reclose function is to be kept out of service during replacement of damaged OPGW between loc no. 713 to Trombay gantry.	MSETCL	Kalwa Circle	M/s MTCIL will carry out OPGW installation work	Will be reviwed on D-1 basis as per other apporved outges by WRLDC

Sr. No.	Voltage level	Name of Substation	Name of the Equipment	From		To		Continuous / Daily	Reason	System owner	Outage requesting constituent	Remark	MOCM Comments
				Date	Time	Date	Time						
97	220kV	220 kV Line Maint. S/DN., Kalwa	220 kV Chembur Trombay 3 Line	15/11/22	8:00	31/11/2022	19:00	D	Auto Reclose function is to be kept out of service during replacement of damaged OPGW between loc no. 713 to Trombay gantry.	MSETCL	Kalwa Circle	M/s MTCIL will carry out OPGW installation work	Will be reviewed on D-1 basis as per other approved outages by WRLDC
98	500KV	Chandrapur	HVDC 500KV CHANDRAPUR HVDC POLE 1	15/11/22	08:00	16/11/22	22:00	C	To carry out following test on Pole-1 Y phase Converter transformer as per OEM recommendation 1.Ratio Test 2.Tan Delta of A-B1B2 Winding 3.DFRA Test 4.Winding Resistance 5.Measurement IR & PI of AB1-B2 winding 6.Core Insulation Measurement	MSLDC_OUTAGE	MSLDC_OUTAGE	1.Pole-2 will be in service with 750 MW	subject to approval of WRLDC
99	110KV	Bhira	110 kV Bhira Khopoli 2	16/11/22	8:00	16/11/22	20:00	D	CVT & Protection testing	Tata power	Tata power	No Generation restriction at Bhira.	Approved, no hydro restrictions.
100	220 kV	Aarey	Main Bus-1	16/11/22	7:00	16/11/22	19:00	D	Annual Maintenance of Bus Side isolators	AEML-T	AEML-T		Approved, all other elements to be in service through other
101	220 kV	Versova	Versova -Ghodbunder Line on TBC	16/11/22	9:00	16/11/22	19:00	D	Annual Maintenance of Circuit Breaker	AEML-T	AEML-T	Line will be in service through TBC	Approved, line to be in service through TBC
102	220kV	220 KV Uran	220 KV Uran- ONGC Line	16/11/22	09:00Hrs	16/11/22	18:00 Hrs	D	Insulator String Replacement	MSETCL	EHV(O&M)Circle,Panvel		Approved
103	220kV	220 KV Uran	220 KV Main Bus-2	16/11/22	09:00Hrs	16/11/22	18:00 Hrs	D	Insulator String Replacement	MSETCL	EHV(O&M)Circle,Panvel		Approved
104	220 KV	400 KV RS KALWA	220 KV Kalwa Salsette III	16/11/22	8:00	17/11/22	18:00	C	B ph mechanism replacement work. By TATA.	MSETCL	Kalwa Circle		Approved, line to be in service in TBC, Salshete ckt 4 and trombay salshete ckt 1,2, load to be managed by TPCL by regulating trombay generation in N-1

Sr. No.	Voltage level	Name of Substation	Name of the Equipment	From		To		Continuous / Daily	Reason	System owner	Outage requesting constituent	Remark	MOCM Comments
				Date	Time	Date	Time						
72	400kV	400kv Padghe	315MVA ICT-I	17/11/22	0:10	18/11/22	17:30:00 PM	C	1) MTAMC work 2) Bay Maint work 3) Diagnostic Testing work 4) Oil leakage attending work If any 5) Oil filteretion of R ph unit due to low BDV 54kV & water content 18 mg/kg	MSETCL	Padghe	1) Weather condition should be clear	Approved, subject to loading condition during outage period , will be reviewed on D-1 basis and 400KV kalwa padhge ckt 2 outage not availed
105	110KV	Kalyan	110KV Ambernath Kalyan 1	17/11/22	9:00	19/11/22	20:00	D	Project Job-Breaker intallation at OFA	Tata power	Tata power	OFA on single feed	Approved, Bhivpuri generation to be regulated.
106	220kV	220 KV Uran	220 KV Uran- Apta-2 Line	17/11/22	09:00Hrs	17/11/22	18:00 Hrs	D	Insulator String Replacement	MSETCL	EHV(O&M)Circle,Panvel		Approved
107	220kV	220 KV Uran	220 KV Main Bus-2	17/11/22	09:00Hrs	17/11/22	18:00 Hrs	D	Insulator String Replacement	MSETCL	EHV(O&M)Circle,Panvel		Approved
108	400kV	400kv Padghe	600MVA ICT-IV On TBC	17/11/22	7:00	18/11/22	23:30:00 PM	C	1) CB Mechanism overhauling work 2) A& B Bus PG Isolator Maint. work 3) 600MVA ICT-IV HV side on TBC ICT will be in service	MSETCL	Padghe	1) Weather condition should be clear	Apporved,. ICT to be in service throug TBC , no other outage will be given during above outage period at 400KV level.
109	220 kV	Aarey	Main Bus-1	18/11/22	7:00	18/11/22	19:00	D	Annual Maintenance of Bus Side isolators	AEML-T	AEML-T		Approved all elements to be in service on bus 2
110	220 kV	Versova	Versova -Gorai Line on TBC	18/11/22	9:00	18/11/22	19:00	D	Annual Maintenance of Circuit Breaker	AEML-T	AEML-T	Line will be in service through TBC	Apprvd lne to be in service through TBC
113	220 kV	220 kV Apta	220 kV Apta Taloja	18/11/22	08:00Hrs	18/11/22	16:00Hrs	D	Bay Maintenance Work and C & Tan-Delta Testing	MSETCL	EHV(O&M)Circle,Panvel		Approved
114	220 KV	EHV Project Dn, Kalwa	220KV Kalwa-TFIPL Line	18/11/22	8:00	18/11/22	17:00	D	For removing Jumper & make LILO at 220KV Pawane S/stn	MSETCL	Kalwa Circle		Approved
115	220kV	220kV Nerul S/s.	220kV Nerul TSS-II line	18/11/22	11:00	18/11/22	18:00	C	Diagnostics and Bay Maintennace Work	MSETCL	Kalwa Circle		Approved
116	220kV	220kV TSS Seawoods S/s.	220kV TSS Seawood Nerul-II line	18/11/22	11:00	18/11/22	18:00	C	Diagnostics and Bay Maintennace Work	MSETCL	Kalwa Circle		Approved

Sr. No.	Voltage level	Name of Substation	Name of the Equipment	From		To		Continuous / Daily	Reason	System owner	Outage requesting constituent	Remark	MOCM Comments
				Date	Time	Date	Time						
117	220kV	220kV Temghar	220kV Temghar -Colorchem line	18/11/22	10:00	18/11/22	16:00	D	Diagnostic testing(CT Tan D,etc.)	MSETCL	Kalwa Circle		Approved
118	220kV	220kv kambass	220KV Kamba- Padghe-2 line	18/11/22	9:00	18/11/22	17:00	D	Breaker overhauling	MSETCL	Kalwa Circle	Breaker overhauling after Receipt of material at site	Approved
119	220kV	220 kV Line Maint. S/DN., Kalwa	220 kV Kalwa Baggaon Line	18/11/22	9:00	18/11/22	17:00	D	For routine maintenance work	MSETCL	Kalwa Circle		Approved
120	220 KV	400 KV RS KALWA	220 kv Kalwa Mulund I	18/11/22	8:00	20/11/22	18:00	C	CB pole O/H work line will be in service through in TBC	MSETCL	Kalwa Circle	Line will be in service Through TBC	Approved, line to be in service through TBC
121	400KV		400KV-KALWA-PADGHE-2	18/11/22	09:00	20/11/22	18:00	C	Replacement of existing conductor by HTLS conductor	MSLDC_OUTAGE	MSLDC_OUTAGE	Replacement of existing conductor by HTLS conductor	Subject approval of WRLDC
122	220KV	Bhira	220KV Bus zone 1	19/11/22	6:00	19/11/22	18:00	D	R/M & Protection testing	Tata power	All equipment remain in service through Bus coupler.	All equipment remain in service through Bus coupler.	Apporved, 25X2 MW two units out , Generation availability 250MW
123	110KV	Ambernath	110KV Bus zone 1	19/11/22	9:00	19/11/22	17:00	D	R/M	Tata power	Tata power	Emergency clearance-15 Mins, 110KV Ambernath Kalyan 1 line will remain out and Ambernath Nreal will be controlled by Transfer breaker.. Kalwa Kalyan,KKS 1 and 2 are in service	Approved, NO hydro restriction
124	220KV	220KV Borivali S/s.	220 kV Borivali - Tata 4 Line	19/11/22	10:00	19/11/22	14:00	C	For Annual Diagnostic Tests	MSETCL	Kalwa Circle		will be considered , if 400KV Kalwa padhge ckt 2 or boiser boiser PG ckt 2 not availed

Sr. No.	Voltage level	Name of Substation	Name of the Equipment	From		To		Continuous / Daily	Reason	System owner	Outage requesting constituent	Remark	MOCM Comments
				Date	Time	Date	Time						
126	400KV	Kharghar	400KV-KHARGHAR-PUNE-PG-1	19/11/22	08:00	21/11/22	18:00	C	400kV CB Mechanism Overhauling work. 400kV CB will be off and Line will be on TBC	MSLDC_OUTAGE	MSLDC_OUTAGE	400kV CB will be off and Line will be on TBC	Subject to approval of WRLDC
127	500KV	Chandrapur	HVDC 500KV CHANDRAPUR HVDC POLE 1	19/11/22	08:00	26/11/22	22:00	C	Annual Maintenance work AC & DC Yard Equipment, Valve Hall, Diagnostic testing, Line Maintenance, etc	MSLDC_OUTAGE	MSLDC_OUTAGE	Pole-2 will be in service with in 750 MW	Subject to approval of WRLDC
128	500KV	Chandrapur	HVDC 500KV CHANDRAPUR HVDC POLE 1	19/11/22	08:00	26/11/22	22:00	C	Annual Maintenance work AC & DC Yard Equipment, Valve Hall, Diagnostic testing, Line Maintenance etc	MSLDC_OUTAGE	MSLDC_OUTAGE	1.Pole-2 will be in service with 750 MW	Subject to approval of WRLDC
129	400KV	Padgh e	400KV-PADGHE HVDC-PADGHE-1	19/11/22	09:00	26/11/22	21:00	C	1. Bay Mant work 2. Diagnostic testing work 3. Bhel CB Pole Overhauling work. If pole overhauling not completed with in outage period line will be charge on TBC. 4. A bus PG Isolator Replacement work under LES. Hot line work for hanger assembly replacement work.	MSLDC_OUTAGE	MSLDC_OUTAGE	Weather condition should be clear for pole overhauling and PG Isolator Replacement	Subject to approval of WRLDC
130	400KV	Padgh e	PADGHE - 400KV - BUS 1	19/11/22	09:00	29/11/22	17:00	C	Replacement of Hanger assembly of A bus PG Isolator of 400kV HVDC- 1 Bay by hot line method.	MSLDC_OUTAGE	MSLDC_OUTAGE	Weather condition Should be clear.	Subject to approval of WRLDC
131	220kV	Transmission line	220 kV Waghivali Dharavi Line 7	20/11/22	8:00	20/11/22	18:00	D	Mero Project Work-Work in vicinity for removal of old OPGW in span 38A to 40 at Kurla Metro 2B site.	Tata power	Tata power	Bhira Generation will be restrcted to 180 MW in case of N-1 (Other Bhira 220kV line tripping)	Apporved, in case of N-1 , 180 MW restriction at bhira.
132	220KV	Bhira	220KV Bus zone 2	20/11/22	6:00	20/11/22	18:00	D	R/M & Protection testing	Tata power	Tata power	All equipment remain in service through Bus coupler.	Approved,all elements to be in service through main bus 1
133	220kV	Line M S/Dn Boisar	220kV Padgha-Nalasopara Vasai Tap Line	20/11/22	9:00	20/11/22	17:00	D	Diagnostic Testing , Bay maintenance work and Line Maintenance work.	MSETCL	Kalwa Circle		Apporved

Sr. No.	Voltage level	Name of Substation	Name of the Equipment	From		To		Continuous / Daily	Reason	System owner	Outage requesting constituent	Remark	MOCM Comments
				Date	Time	Date	Time						
135	110kV	Kolshet	110kV Kolshet BMC BO-BO-1	21/11/22	9:00	21/11/22	16:30	D	Project work- BPI bolt replacement & IVT testing	Tata power	Tata power	Emergency clearance- 30 Mins	Approved
136	110KV	Khopoli	110 KV Khopoli -Bhiv Line with Brk	21/11/22	8:00	21/11/22	17:00	D	R/M & Protection testing at Khopoli	Tata power	Tata power	No Generation restriction at Bhira.	Approved
137	220 kV	Ghodbunder	Dahanu - Ghodbunder Line-2 on TBC	21/11/22	8:00	21/11/22	17:00	D	Annual Maintenance of Circuit Breaker	AEML-T	AEML-T	Line will be in service through TBC	Apporved, line to be in service through TBC
138			400KV-KHARGHAR-PUNE-PG-1	21/11/22	08:00	23/11/22	18:00	D	To carryout PID scanning	MSLDC_OUTAGE	MSLDC_OUTAGE		Subject to approval of WRLDC
139	110KV	Kalyan	110KV Ambernath Kalyan 2	22/11/22	9:00	24/11/22	20:00	Daily	Project Job-Breaker intallation at OFA	Tata power	Tata power	OFA on single feed	Approved.
140	220 kV	Ghodbunder	Ghodbunder - Gorai Line on TBC	22/11/22	8:00	22/11/22	17:00	D	Annual Maintenance of Circuit Breaker	AEML-T	AEML-T	Line will be in service through TBC	Approved,line to be in service through TBC
141	220 kV	220 kV Apta	220 KV Uran-Apta 1 Line	22/11/22	08:00Hrs	22/11/22	16:00Hrs	D	Bay Maintenance Work and C & Tan-Delta Testing	MSETCL	EHV(O&M)Circle,Panvel		Approved
142	220kV	220 kV Line Maint. S/DN., Kalwa	220 kV CTRLS Borivali Line	22/11/22	8:00	28/11/22	19:00	D	Auto Reclose function is to be kept out of service during installation of OPGW from Loc. No. 1 to 12.	MSETCL	Kalwa Circle	M/s MTCIL will carry out OPGW installation work	Will be reviwed on D-1 basis as per other apporved outges by WRLDC/ or other outages in same corridor.
143	220kV	220 kV Line Maint. S/DN., Kalwa	220 kV Kalwa Borivali Line	22/11/22	8:00	28/11/22	19:00	D	Auto Reclose function is to be kept out of service during installation of OPGW from Loc. No. 1 to 12.	MSETCL	Kalwa Circle	M/s MTCIL will carry out OPGW installation work	Will be reviwed on D-1 basis as per other apporved outges by WRLDC/ or other outages in same corridor.
144	220 KV	220 KV RS KALWA	220 KV Kalwa-Apta line	22/11/22	10:00	22/11/22	17:00	D	Routine maintenance	MSETCL	Kalwa Circle		After peak hrs, subject to real time loading condition ,
53	220 kV	Chembur	Main Bus-1	23/11/22	9:00	23/11/22	17:00	D	Annual Maintenance of Main Bus-1 and Bay Equipments	AEML-T	AEML-T		Approved

Sr. No.	Voltage level	Name of Substation	Name of the Equipment	From		To		Continuous / Daily	Reason	System owner	Outage requesting constituent	Remark	MOCM Comments
				Date	Time	Date	Time						
54	220 kV	Chembur	Main Bus-1 VT bay	23/11/22	9:00	23/11/22	17:00	D	Annual Maintenance of Main Bus-1 and Bay Equipments	AEML-T	AEML-T		Approved
55	220 kV	Chembur	Buscoupler	23/11/22	9:00	23/11/22	17:00	D	Annual Maintenance of Main Bus-1 and Bay Equipments	AEML-T	AEML-T		Approved
111	220kV	220 KV Uran	220 KV Uran- Kharghar-2 Line	23/11/22	09:00Hrs	23/11/22	18:00 Hrs	D	Insulator String Replacement	MSETCL	EHV(O&M)Circle,Panvel		Approved
112	220kV	220 KV Uran	220 KV Main Bus-2	23/11/22	09:00Hrs	23/11/22	18:00 Hrs	D	Insulator String Replacement	MSETCL	EHV(O&M)Circle,Panvel		Approved
145	220 kV	Ghodbunder	Ghodbunder - Versova Line on TBC	23/11/22	8:00	23/11/22	17:00	D	Annual Maintenance of Circuit Breaker	AEML-T	AEML-T	Line will be in service through TBC	Approved, line to be in service through TBC
146	220 kV	Versova	Versova -Goregaon Line-1 on TBC	23/11/22	9:00	23/11/22	19:00	D	Annual Maintenance of Circuit Breaker	AEML-T	AEML-T	Line will be in service through TBC	Approved, line to be in service through TBC
147	110KV	Ambernath	110KV Bus zone 2	24/11/22	9:00	24/11/22	17:00	D	R/M	Tata power	Tata power	Emergency clearance- 15 Mins, 110KV Bhivpuri Ambernath 1 will remain charge from Bhivpuri and Ambernath Kalyan 2 line will remain out. Kalwa Kalyan,KKS 1 and 2 are in service	Apporved. Klayan load to be feed from kalwa, no hydro restriction .
148	220kV	Trombay B	Tata Trombay- MSETCL Trombay 2	24/11/22	8:00	1/12/22	20:00	C	Breaker replacement at Tata and MSETCL end	Tata power	Tata power	220KV Tata Trombay MSETCL Trombay 1 (Capacity 600MW), Trombay Salsette 1 & 2 (each Capacity 300MW) will remain in service Trombay Load 900 MW	apporved, plan after HVDC Bi- Pole 1 , i.e 28 .11.2022 after peak hrs.
149			400KV-KALWA-PUNE-PG-1	24/11/22	08:00	28/11/22	18:00	D	To carryout PID scanning	MSLDC_OUTAGE	MSLDC_OUTAGE		Subject to approval of WRLDC

Sr. No.	Voltage level	Name of Substation	Name of the Equipment	From		To		Continuous / Daily	Reason	System owner	Outage requesting constituent	Remark	MOCM Comments
				Date	Time	Date	Time						
150	220 kV	Aarey	Main Bus-1	25/11/22	7:00	25/11/22	19:00	D	Annual Maintenance of Bus Side isolators	AEML-T	AEML-T		Apporved , all other elemets to be in service through other bus
151	220 kV	220 kV Apta	220 kV Apta ACCIL	25/11/22	08:00Hrs	25/11/22	16:00Hrs	D	Bay Maintenance Work and C & Tan-Delta Testing	MSETCL	EHV(O&M)Circle,Panvel		Approved
152	220 kV	220KV Sonkhar S/s.	220 KV Sonkhar-Trombay Line	25/11/22	9:00	25/11/22	17:00	C	Diagnostic Testing and LA Replacement & RM Work	MSETCL	Kalwa Circle		Will be considered if 400KV kalwa padghe ckt 2 / Trombay tata tie 2 outage not
153	220kV	220kv kamba ss	220kv Kamba-kharbhao line	25/11/22	9:00	25/11/22	17:00	D	Breaker overhauling	MSETCL	Kalwa Circle	Breaker overhauling after Receipt of material at site	Approved
154	220 KV	400 KV RS KALWA	220 KV KAIWA Borivali	25/11/22	8:00	27/11/22	18:00	C	CB pole O/H work line will be in service through in TBC	MSETCL	Kalwa Circle	line will be in service through in TBC	Approved. Line to be in service through TBC
155	220 KV	400 KV RS KALWA	220KV-BOISAR-BOISAR-M-3	25/11/22	07:00	25/11/22	17:00	D	Bay Maintenance Work	MSLDC_OUTAGE	MSLDC_OUTAGE	Bay Maintenance Work	subject to approval of WRLDC
156	400KV	Kharghar	KHARGHAR - 400KV - BUS 1	25/11/22	07:00	25/11/22	18:00	D	For replacement of R&B phase Bus CVT and Bay maintenance work(400kV B Bus will be in service. all lines & ICT's will be on B bus, Load will be shifted via TBC)	MSLDC_OUTAGE	MSLDC_OUTAGE	400kV B Bus will be in service, all lines & ICT's will be on B bus, Load will be shifted via TBC	subject to approval of WRLDC
157	400KV	Kalwa	400KV-KALWA-PADGHE-2	25/11/22	09:00	27/11/22	18:00	C	Replacement of existing conductor by HTLS conductor	MSLDC_OUTAGE	MSLDC_OUTAGE	Replacement of existing conductor by HTLS conductor	subject to approval of WRLDC
159	500KV	Chandrapur	HVDC 500KV CHANDRAPUR HVDC POLE 2	26/11/22	06:00	29/11/22	22:00	C	Annual Maintenance work Earth Electrode, DC Breaker, DC Isolator, Diagnostic Testing, line Maintenance etc.	MSLDC_OUTAGE	MSLDC_OUTAGE	Both Pole Will not be in Service, Loss of Capacity: 1500 MW	Subject to approval of WRLDC
160	500KV	Chandrapur	HVDC 500KV CHANDRAPUR HVDC POLE 1	26/11/22	22:00	29/11/22	22:00	C	Annual Maintenance work , Earth Electrode, DC Breaker, DC Isolator, Diagnostic Testing, Line Maintenance, etc.	MSLDC_OUTAGE	MSLDC_OUTAGE	Both Pole will not be in service,loss of capacity 1500 MW	Subject to approval of WRLDC
161	220KV	Backbay	220KV Bus coupler	27/11/22	9:00	27/11/22	17:00	D	Relay testing	Tata power	Tata power	All equipments in service on one bus	Apporved, Load to be balance on each

Sr. No.	Voltage level	Name of Substation	Name of the Equipment	From		To		Continuous / Daily	Reason	System owner	Outage requesting constituent	Remark	MOCM Comments
				Date	Time	Date	Time						
162	220KV	220KV Trombay S/s.	220KV Bus-Section-1 which includes: a) 220KV Trombay-Chembur-3 line b) 220/100KV 200MVA ICT-2	27/11/22	8:00	27/11/22	18:00	C	220kV Rph CB Pole replacement work of Trombay-Chembur-3 line & 2) Diagnostic testing of equipments.	MSETCL	Kalwa Circle		Apporved
163	220kV	220kV Vasai S/S	220kV Kamba Vasai line	27/11/22	9:00	27/11/22	17:00	D	Diagnostic Testing and Bay maintenance work	MSETCL	Kalwa Circle		Apporved.
164	400KV		400KV-KALWA-KHARGHAR-1	28/11/22	09:00	30/11/22	18:00	D	PID Testing of Insulators Auto-Reclose function to be out of service.	MSLDC_OUTAGE	MSLDC_OUTAGE	PID Testing of Insulators Auto-Reclose function to be out of service.	Subject to apporval of WRLDC
165	220 kV	220 kV Apta	220 KV Uran-Apta 4 Line	29/11/22	08:00Hrs	29/11/22	16:00Hrs	D	Bay Maintenance Work and C & Tan-Delta Testing	MSETCL	EHV(O&M)Circle, Panvel	A	Approved.
166	220kV	220 kV Line Maint. S/DN., Kalwa	220 kV CTRLS Borivali Line	29/11/22	8:00	30/11/22	19:00	D	Outage required for the installation of OPGW between loc. No. 12 to 22	MSETCL	Kalwa Circle	M/s MTCIL will carry out OPGW installation work	will be considered if tie 2 not availed.
167	220kV	220 kV Line Maint. S/DN., Kalwa	220 kV Kalwa Borivali Line	29/11/22	8:00	30/11/22	19:00	D	Outage required for the installation of OPGW between loc. No. 12 to 22	MSETCL	Kalwa Circle	M/s MTCIL will carry out OPGW installation work	will be considered if tie 2 not availed.
168	220 kV	Versova	Dahanu - Versova Line	30/11/22	6:00	30/11/22	18:00	D	De-bunching of lines at location no. SS 82 post completion of all relocation activities for DFCCIL Project work	AEML-T	DFCCIL		After restoration of HVDC bipole outages if availed. Electrical inspecton approval required at time of restoration
169	220 kV	Versova	Boisar - Versova Line	30/11/22	6:00	30/11/22	18:00	D	De-bunching of lines at location no. SS 82 post completion of all relocation activities for DFCCIL Project work	AEML-T	DFCCIL		After restoration of HVDC bipole outages if availed. Electrical inspecton approval required at time of restoration

Sr. No.	Voltage level	Name of Substation	Name of the Equipment	From		To		Continuous / Daily	Reason	System owner	Outage requesting constituent	Remark	MOCM Comments
				Date	Time	Date	Time						
MSLDC_OUTAGE	4000 kV		MAIN BAY - 400KV/220KV PADGHE-ICT-4 AND PADGHE - 400KV - BUS 1 at PADGHE - 400KV(ELEMENT NOT FOUND	30/11/22	00:02	13/12/22	23:59	C	1. Replacement of B-Ph Unit due to PD and Increasing Key gases Presence of thermal fault. 2. Filtration of Yph Unit 3. Attending oil leakage of R&Y ph Unit from various points. 4. CB overhauling work 5. MTAMC Work. 6. If outage not Approved for replacement TBC charging permission required for 4 Days for CB Mechanism overhauling work.	MSLDC_OUTAGE	MSLDC_OUTAGE	Weather condition should be clear.	subject to approval of WRLDC, propose same outage in Dec.22
Under review in MOCM for the month of October'2													
10	220 kV	Ghodbunder	Main Bus-2	03/11/22	7:00	03/11/22	19:00	D	Annual Maintenance of Bus Side isolators	AEML-T	AEML-T		under review same outage on 02.11.22 ???
11	220 kV	Ghodbunder	Bus Sectionalizer-2 (GIS Bay No.12)	03/11/22	7:00	03/11/22	19:00	D	Annual Maintenance of Bus Side isolators	AEML-T	AEML-T		under review ,same outage on 02.11.22 ???
18	220kV	400kv Padghe	220/100kV 200MVA ICT-1	04/11/22	6:30	04/11/22	20:30	D	For replacement of 70KN suspension & Tension type Disc of insulator by 120KN Disc insulator of 220/100Kv 200MVA ICT-1 HV Bay	MSETCL	Padghe		under review ,Submit the diagram of average /expected load flow position before and after outage 2) Impact to bus coupler opening on load flows 4) will be considered only if 400KV side bus outage not availed or deferred by WRLDC

Sr. No.	Voltage level	Name of Substation	Name of the Equipment	From		To		Continuous / Daily	Reason	System owner	Outage requesting constituent	Remark	MOCM Comments
				Date	Time	Date	Time						
19	220kV	400kV Padghe	220/22kV 50MVA T&R make TF (PTR-2)	04/11/22	6:30	04/11/22	20:30	D	For replacement of 70KN suspension type Disc of insulator by 120KN Disc insulator of 220/22kV 50MVA T&R make Tf	MSETCL	Padghe		under review Submit the diagram of average /expected load flow position before and after outage 2) Impact to bus coupler opening on load flows 4) will be considered only if 400KV side bus outage not availed or deferred by WRLDC
Deferred in MOCM for the month of November'2													
1	110KV	Bhivpuri	Unit-11	30/10/22	8:00	20/11/22	17:00	C	Unit & GT Overhaul. AVR panel Replacement	Tata power	Bhivpuri Generation will be Restrict to 48 MW		Defferred due to HVDC pole 1 and tie 1 outage
2	400KV	padghe	MAIN BAY - 400KV/220KV PADGHE-ICT-2 AND PADGHE - 400KV - BUS 1 at PADGHE - 400KV	31/10/22	09:30	10/11/22	22:51	C	1) Replacement of old Bhel make CB with new CGL make CB of HV side under LES scheme . (ICT will be in service through TBC) 2) Replacement of B bus all phase PG isolator under LES scheme 3) ICT 3 will be in service	MSLDC_OUTAGE	MSLDC_OUTAGE	1) Weather condition should be clear 2) Agency will be present on site for the work .	Deferred , Reschedule due to HVDC pole 2 outage from 05.12.2022
3	400KV	padghe	PADGHE - 400KV - BUS 2	31/10/22	11:00	10/11/22	17:00	C	1) Replacement of Hanger assembly of all phsae B bus PG isolator of 315MVA ICT-2 (All elements on bus 1 and bus 2 will be in service only hot line work for 3 days)	MSLDC_OUTAGE	MSLDC_OUTAGE	1) Weather condition should be clear for HOT line work	Deferred , Reschedule due to HVDC pole 2 outage from 05.12.2022
23	220 KV	220 KV RS KALWA	220 kV ROAD SIDE MAIN BUS which includes: i) 220KV Kalwa-Temghar Line ii) 200MVA, 220/100KV ICT-4 iii) 50MVA, 220/22KV PTR-2 iv) 200MVA, 220/100KV ICT-3 v) Kalwa-Panchanand Line.	04/11/22	8:00	04/11/22	17:00	D	EARTHWIRE REPLACEMENT & BAY MAINTENANCE	MSETCL	Kalwa Circle	220KV Kalwa-Temghar Line will be shifted on TBC	Deferred due to tie1 and padgha bus outage
24	220 KV	220 KV RS KALWA	220 KV BUS SECTIONALIZER	04/11/22	8:00	06/11/22	17:00	C	CT REPLACEMENT & CB pole OH	MSETCL	Kalwa Circle		Deferred due to tie1 and padgha bus outage

Sr. No.	Voltage level	Name of Substation	Name of the Equipment	From		To		Continuous / Daily	Reason	System owner	Outage requesting constituent	Remark	MOCM Comments
				Date	Time	Date	Time						
75	220kV	Line M S/Dn Boisar	220kv Wada - Padgha Line	11/11/22	10:00	11/11/22	17:00	D	Dignostic, Relay Testing work and Line Maintenance work.	MSETCL	Kalwa Circle		Deferred due to kolshet kharbao outage approved proposed by kalwa
87	220KV	220KV Trombay S/s.	220KV Trombay-Kalwa line	13/11/22	9:00	13/11/22	17:00	D	For diagnostic testing of equipments & Bay maintenance work	MSETCL	Kalwa Circle		Deferred, either trombay kalwa or 400KV kalwa ICT, or 400KV kalwa padghe ckt 2 / 400KV kalwa
125	220kV	220 kV Line Maint. S/DN., Kalwa	220 kV Kalwa Mulund 1 Line	19/11/22	9:00	19/11/22	17:00	D	For re-creemping deadends at various locations	MSETCL	Kalwa Circle		Deferred due to Borivali -Borivali T ckt 4 outage
134	220 KV	400 KV RS KALWA	500 MVA ICT I (LV & HV Side)	20/11/22	8:00	20/11/22	18:00	D	Bay maintenance & Complete Diagnostic testing work	MSETCL	Kalwa Circle		Deferred plan at night hrs, will be considered if HVDC pole 2 outage not
158	220KV	220KV Borivali S/s.	220 kV Borivali - Tata 5 Line	26/11/22	10:00	26/11/22	14:00	C	For Annual Diagnostic Tests	TATA	Kalwa Circle		Deferred due to HVDC bipole outage