

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/May/2022 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	164.716	1107.554	1) Gujrat	-5.184	-29.567
2) Hydro	17.713	152.446	2) Madhya Pradesh	7.501	57.457
3) Gas	5.517	43.118	3) Chattisgarh	3.740	29.460
Total MSPGCL	187.946	1303.118	4) Maharashtra	193.808	1341.313
B) 1) APML	74.344	498.586	5) Goa (Amona)	-1.368	-11.369
2) JSWEL	21.573	132.554	Total	198.497	1387.294
3) VIPL	0.000	0.000	a) Mumbai Schedule	34.687	244.297
4) RPL(AMT)	31.346	203.171	b) Mumbai Drawl	37.868	262.729
5) SWPGPL	9.378	63.463	c) MSEDCL Bilateral *	73.822	522.340
6) Other IPP	22.434	167.767	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	34.687	244.297
C) 1) TPCL Thermal	14.766	103.108	Include PX	0.000	0.000
2) TPCL Hydro	2.640	23.138	Standby	0.000	0.000
3) TPCL Gas	2.996	21.737	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.351	80.816	1) MSEDCL	528.277	3652.155
D) STATE			2) Mumbai Discoms	69.621	491.527
1) Thermal	349.908	2357.019	3) Other Discoms	9.175	65.437
(A1+C1+C4+(B1-B6))			TOTAL STATE	607.073	4209.119
2) Hydro (A2+C2)	20.353	175.584			
3) Gas (A3+B7+C3)	8.513	64.855			
4) Wind	20.874	155.646			
6) SOLAR	8.928	68.722			
TOTAL STATE	408.576	2821.826			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 8 Hrs
MSPGCL Thermal	6411	6501	7007	6649
MSPGCL Hydro	452	1448	926	312
MSPGCL Gas	245	242	155	270
MSPGCL Total Generation	7108	8192	8088	7232
Central Sector Receipt	9893	9709	7273	8085
WIND	530	546	1134	587
CPP / IPP Thermal	6172	6775	6782	6680
CPP / IPP Gas	0	0	0	0
SOLAR	1283	645	0	315
Exchange with Mumbai	-2004	-2066	-1444	-1383
MSEDCL DEMAND MET	22569	23393	21412	21127
Load Shedding	0	0	0	0
MSEDCL DEMAND	22569	23393	21412	21127
TPCL GENERATION	812	875	1046	598
AEML GENERATION	480	474	489	409
MUMBAI DEMAND	3296	3415	2979	2390
OTHER DISCOM DEMAND	412	408	420	388
STATE DEMAND MET	26278	27216	24812	23906
STATE DEMAND	26278	27216	24812	23906
Frequency (Hz)	50.02	49.98	49.97	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.19 Hz at 18.01 Hrs	49.73 Hz at 23.09 Hrs	49.99	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Daily and Progressive Generation,Maximum,Minimum for 07/May/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.08	28.91	185	150
Unit 7	0.00	0.00	0	0
Unit 8	12.83	92.94	566	460
Unit 9	5.64	85.45	552	0
Unit 10	13.05	91.65	580	513
Total	35.59	298.94		
Bhusawal				
Unit 3	3.23	21.64	145	125
Unit 4	9.68	22.26	460	315
Unit 5	9.50	58.31	415	380
Total	22.40	102.22		
Parli				
Unit 6	0.00	10.99	0	0
Unit 7	5.08	25.98	223	180
Unit 8	1.64	21.19	140	0
Total	6.72	58.16		
Chandrapur				
Unit 3	3.96	28.85	180	145
Unit 4	3.67	26.27	162	124
Unit 5	7.96	59.51	335	315
Unit 6	9.20	38.81	400	359
Unit 7	9.85	64.72	428	375
Unit 8	10.93	54.60	466	445
Unit 9	10.23	70.56	452	361
Total	55.80	343.31		
Paras				
Unit 3	5.16	32.12	226	184
Unit 4	4.78	29.86	215	163
Total	9.94	61.99		
Khaparkheda				
Unit 1	2.66	19.56	120	90
Unit 2	3.76	25.28	160	135
Unit 3	0.79	16.36	155	0
Unit 4	3.46	24.29	151	138
Unit 5	11.38	77.67	475	465
Total	22.05	163.16		
Nasik				
Unit 3	3.99	27.76	186	126
Unit 4	4.14	26.99	190	144
Unit 5	4.07	25.03	194	120
Total	12.20	79.78		
Uran				
All Units	5.52	43.12	270	124
Total	5.52	43.12		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.12	0.79	24	0
Total	0.12	0.79		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.14	30.26	495	40
Stage 4	4.14	48.55	730	0
Stage 3	1.80	17.45	160	0
Total	10.08	96.25		
Hydro				
KDPH	0.35	3.23	15	15
VTRNA	0.85	5.91	60	0
TILLARI	0.58	4.05	58	0
BHIRA T.R.	0.13	0.89	50	0
SMLHY_PTN	5.50	37.70	236	216
GHATGHAR	0.10	3.62	60	0
Total	7.50	55.40		
Wind				
Total	20.87	155.65	0	0
Total	20.87	155.65		
CPP				
APML(Mus)	74.34	498.59	0	0
JSWEL(Mus)	21.57	132.55	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.35	203.17	0	0
SWPGPL-Mus	9.38	63.46	0	0
Other(Mus)	22.43	167.77	0	0
Total	159.08	1065.54		
SOLAR				
Total	8.93	68.72	0	0
Total	8.93	68.72		
Tata				
Trombay 5	9.80	67.55	438	319
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.72	12.76	83	60
Trombay 7B	1.27	8.97	56	49
TATA Hydro	2.64	23.14	270	2
Trombay 8	4.97	35.56	233	131
Total	20.40	147.98		
AEML				
DTPS U-1&2	11.35	80.82	497	402
Total	11.35	80.82		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	164.72	1107.55	MSPGCL Total	187.95	1303.12
			MSPGCL Thml+Gas	170.23	1150.67	Koyna 1,2 & 4 Total	8.28	78.80
			MSPGCL Hydro	17.71	152.45	State Total	408.58	2821.83

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 07/May/2022

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDC L DEM. MET	LOAD SHED DING	MSEDC L DEM. WITH LS	MUMBAI DEMAND	OTHER DISCOM DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	7300	1054	249	8602	1127	6672	0	0	7572	7741	-1406	22385	0	22385	2919	352	25656	49.92
2	7306	1022	270	8598	1232	6744	0	0	7476	7462	-1292	22427	0	22427	2729	316	25472	50.01
3	7333	922	251	8506	1157	6721	0	0	7400	7490	-1213	22368	0	22368	2567	294	25228	50.01
4	7320	700	261	8282	1092	6719	0	0	7458	7748	-1254	22298	0	22298	2448	289	25034	50.02
5	7320	446	261	8026	1309	6718	0	0	7938	7885	-1249	22390	0	22390	2368	299	25058	50.02
6	7105	796	261	8162	1105	6681	0	0	7910	7734	-1262	22093	0	22093	2387	328	24808	50.00
7	6715	1220	251	8186	775	6703	0	63	7555	7760	-1226	21894	0	21894	2354	367	24614	50.07
8	6649	312	270	7232	587	6680	0	315	7904	8085	-1383	21127	0	21127	2390	388	23906	50.05
9	6525	324	249	7098	487	6414	0	653	8279	8342	-1614	20982	0	20982	2600	398	23980	50.04
10	6557	440	248	7244	482	6521	0	994	8398	8276	-1648	21451	0	21451	2917	419	24786	50.02
11	6544	444	265	7254	496	6334	0	1186	9379	9041	-1913	21974	0	21974	3195	423	25592	50.02
12	6411	452	245	7108	530	6172	0	1283	9914	9893	-2004	22569	0	22569	3296	412	26278	50.02
13	6421	402	255	7078	513	6292	0	1278	9965	10061	-2008	22820	0	22820	3283	395	26498	49.95
14	6373	516	246	7134	466	6266	0	1082	10020	9987	-1961	22590	0	22590	3264	385	26238	49.93
15	6532	1224	255	8012	495	6630	0	837	9927	9858	-2089	23354	0	23354	3347	388	27090	49.92
16	6501	1448	242	8192	546	6775	0	645	9718	9709	-2066	23393	0	23393	3415	408	27216	49.98
17	6584	762	264	7610	699	6772	0	397	9033	9234	-1861	22441	0	22441	3310	410	26162	50.02
18	6584	618	244	7446	874	6769	0	172	8175	8373	-1735	21464	0	21464	3145	435	25044	50.03
19	6795	924	245	7964	941	6751	0	23	7153	7445	-1548	21136	0	21136	2978	441	24554	50.03
20	7007	926	155	8088	1134	6782	0	0	7320	7273	-1444	21412	0	21412	2979	420	24812	49.97
21	7132	458	124	7714	1286	6759	0	0	7244	7155	-1397	21102	0	21102	2945	415	24462	50.03
22	7216	420	125	7762	1253	6733	0	0	7185	7170	-1387	21116	0	21116	2899	414	24430	49.98
23	7255	648	135	8038	1178	6742	0	0	7451	7356	-1431	21487	0	21487	2915	395	24798	49.89
24	7231	1234	146	8610	1110	6725	0	0	7394	7419	-1477	22004	0	22004	2971	384	25358	49.89
MUs	164.72	17.71	5.52	187.95	20.87	159.07	0.00	8.93	197.77	198.50	-37.87	528.28	0.00	528.28	69.62	9.18	607.07	49.99

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 07/May/2022

Position as on 6.30 Hrs of 08/May/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage. (NO PPA From 20.05.2019)	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal shortage.(NO PPA From 20.05.2019)	
CENT.SECTOR	Tarapur 1	160	08/01/2020	10:37		Continued.	Refueling. While refueling preparation, some repair works identified which are being executed before refueling.	31/03/2023
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
CENT.SECTOR	Tarapur 2	160	13/07/2020	04:38		Continued.	For cleaning of clogged basket strainer of cooling water system due to heavy ingress of debris from sea. The outage extended for repair and re-fueling.	31/03/2023
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
IPP	JSW (J) U1	300	16/03/2022	23:16		Continued.	Turbine Vibration	03/05/2022
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	
MSPGCL	Parli Unit 6	250	03/05/2022	12:13	08/05/2022	01:45	Boiler Tube Leakage	06/05/2022
MSPGCL	Khaparkheda Unit 3	210	05/05/2022	01:31	07/05/2022	16:19	Boiler Tube Leakage	
MSPGCL	Uran Unit 6	108	05/05/2022	17:36	07/05/2022	23:21	Gas shortage	
MSPGCL	Koradi Unit 9	660	07/05/2022	05:34	07/05/2022	16:24	Regenerative/ Rotating Air Preheater problem.	
MSPGCL	Parli Unit 8	250	07/05/2022	12:25		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 8	108	07/05/2022	19:08	08/05/2022	14:10	Generator Protection operated	
MSPGCL	Uran Unit B0	120	07/05/2022	19:08	08/05/2022	17:43	Generator Protection operated	
IPP	Adani U-2	660	08/05/2022	08:48		Continued.	APH-A high vibration and gearbox abnormal sound	
MSPGCL	Koradi Unit 6	210	08/05/2022	14:15	08/05/2022	16:22	TRIPPED ON MAIN OIL TANK LUBE OIL PRESSURE LOW	
MSPGCL	Khaparkheda Unit 2	210	08/05/2022	15:30	08/05/2022	21:45	TRIPPED DUE TO SUSPECTED AC SUPPLY FAILURE	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/May/2022

Statement-VII

Position as on 6.30 Hrs of 08/May/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV MAINBAY Outages/Trippings							
MAIN BAY (703) BUS REACTOR @ AKOLA 2	IntraState	07/05/2022	09:13	07/05/2022	17:17	PO	Circuit Breaker SF6 gas analysis
400 KV LINE Outages/Trippings							
KALWA - TALEGAON (PG)	InterState	08/05/2022	00:36	08/05/2022	08:00	EO	Chemical cleaning of insulators in the fog prone region.
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	30/04/2022	11:21			HT	HT for Load Management
BABHALESHWAR - PADGHE CKT - 2	IntraState	07/05/2022	00:59	07/05/2022	04:40	EO	A] HVDC TL O&M Sub-Division, Junnar:- 1. Cleaning of dust contaminated insulator string from location no.845 to 854 in Naneghat Area. B] HVDC TL O&M Sub-Division, Padghe :- 1. Cleaning of dust contaminated insulator string from location no.855 to 861 in Naneghat Area.
PADGHE - PADGHE HVDC CKT- 2	IntraState	07/05/2022	05:06	07/05/2022	08:40	EO	1) Attending hotspot on 29C Bus R-Ph PG Isolator, CT side and line isolator side. Temp. 151 degree and 108 degree resp. 2) B-Bus R-Ph PG isolator and B-Bus B-Ph PG isolator (Temp. 89 degree & 80 degree resp.)
AKOLA - KHADKA (BHUSAWAL)	IntraState	07/05/2022	09:57	07/05/2022	21:52	PO	String replacement work will be carried out on 400 kV Akola- Khadka (Bhusawal) line. Also work of tightening of Spacers cum Vibration Dampers, providing of corona ring & arcing horn will be carried out.
JEJURI- KOYNA STAGE-IV	IntraState	07/05/2022	22:49	08/05/2022	11:05	EO	Oil leakage of 400 KV Breaker at GIS
AKOLA - KHADKA (BHUSAWAL)	IntraState	08/05/2022	08:02	08/05/2022	17:13	T	Distance Protection
NAGOTHANE - DABHOL CKT - 1	IntraState	08/05/2022	12:00	08/05/2022	12:37	T	Distance Protection
PADGHE - KALWA CKT - 1	IntraState	08/05/2022	22:36		Continued.	EO	Cold line and chemical cleaning of insulators at various locations in Mumbra Hill, Shilfata, Diaghar area
400 KV ICT Outages/Trippings							
400/132 KV 200 MVA ICT - 2 @ KHADKA	IntraState	07/05/2022	07:10	07/05/2022	12:22		for Premonsoon Maintenance work
400/220/33 KV 315MVA ICT - 2 @ CHAKAN	IntraState	07/05/2022	10:55	07/05/2022	18:08	PO	LTS STAGE2 wiring, testing, DT and Maintenance work
220 KV TBC Outages/Trippings							
BUS COUPLER @ BACKBAY	IntraState	08/05/2022	10:45	08/05/2022	17:58	PO	PROJECT WORK-HYDRAULIC CYLINDER REPLACEMENT
220 KV MAINBAY Outages/Trippings							
BUS COUPLER @ KHARGHAR	IntraState	07/05/2022	11:30	07/05/2022	20:53	PO	For Hot spot attending work and Routine Maintenance Work
220 KV LINE Outages/Trippings							
MULUND - GIS BHANDUP	IntraState	29/01/2022	15:44			T	cABLE FAULT
EKLAHARA(GCR)(NASIK)-BABLESHWAR 2	IntraState	27/04/2022	12:21			EO	Shifting of 220kV GCR-BBLR-2 line on 220kV TBC bay.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/May/2022

Statement-VII

Position as on 6.30 Hrs of 08/May/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
BOISAR II - TARAPUR	IntraState	30/04/2022	11:32			PO	Replacement of existing 0.5 ACSR MOOSE Conductor at loc. No. 11- 28, replacement of heavily Rusted Hardware , heavily rusted earth-wire and all insulator strings of the line
TALANDGE - SAWANTWADI	IntraState	07/05/2022	08:12	07/05/2022	18:30	PO	Cold washing of Line insulators.
GHATGHAR - BAPGAON	IntraState	07/05/2022	09:00	07/05/2022	13:53	PO	220 kV B Phase LA replacement work at Ghatghar SS, R&M works at Bapgaon SS
NERUL - SEAWOOD CABLE CKT - 1	IntraState	07/05/2022	11:03	07/05/2022	16:53	EO	R & Y Phase CT replacement at Railway end by Railways The outage is Proposed by Central Railways for R & Y Phase CT replacement at Railway end by Railways.
MAHAPE - RELIANCE GIS	IntraState	07/05/2022	15:20	07/05/2022	17:06	EO	For attending hotspot on R-phase breaker pad towards line isolator side having temperature 325 degree
TALANDGE - ICHALKARANJI 2	IntraState	07/05/2022	22:52	08/05/2022	00:31	EO	Attending Hotspot on tower loc no-8 B Phase
ADLABS - PEDAMBE	IntraState	08/05/2022	08:57	08/05/2022	21:22	PO	Outage for replacement of flashover insulator string at Loc. No. 35 Top phase Adlabs side & 41 Top phase (string found flashover during aerial patrolling done on Dtd. 01.05.2022)
TROMBAY - ANTOP HILL CKT - 1	IntraState	08/05/2022	11:28	08/05/2022	17:10	PO	CVT TESTING AT TROMBAY
KANDALGAON - PIRANGUT	IntraState	08/05/2022	11:57	08/05/2022	18:22	PO	1) Providing by pass jump by PG clamps 2) Nut bolt tightening at tension location. loc no-1-17
BORIVALI - TARAPUR	IntraState	08/05/2022	12:37	08/05/2022	20:33	EO	Replacement of heavily Rusted earth-wire between Loc No.11 to 28.
220 KV ICT Outages/Trippings							
220 / 110 / 22kV 250 MVA ICT 1 @ SALSETTE	IntraState	12/10/2020	11:35			T	Tripped due to Grid disturbance.
220/22 KV 50 MVA PTR 1 @ KANDALGAON	IntraState	14/12/2021	16:55			EO	For dismantling said 50MVA T/f 1 at 220 kV K'gaon S/s
220/33-33 KV 100 MVA PTR 2 @ BOISAR-II	IntraState	07/05/2022	06:27	07/05/2022	12:16	T	TRIPPED ON DIFFERENTIAL PROTECTION
220/22 KV 50 MVA PTR 2	IntraState	07/05/2022	10:45	07/05/2022	13:40	PO	Arresting R Phase HV Bushing Oil Leakage by Cold Weilding.
220/33 KV 50 MVA PTR 1 @ BOISAR-II	IntraState	07/05/2022	12:33	07/05/2022	17:05	T	Differential Protection
220/22 KV 50 MVA PTR 1 @ VASAI	IntraState	08/05/2022	09:56	08/05/2022	17:35	PO	Dismantling of 22kV GIS Outgoing feeder -1 due to CB issue by Agency & Pre-monsoon maintenance & diagnostic work.
220 / 110 / 23kV 250 MVA ICT 3 @ SALSETTE	IntraState	08/05/2022	10:42	08/05/2022	16:03	PO	R/M AND TESTING
132 KV LINE Outages/Trippings							
SOLAPUR 2(BALE)-NALDURG	IntraState	07/05/2022	15:25	07/05/2022	19:54	PO	Conductor Mid span joint work at 123 Bphase ,131 Y phase
110 KV LINE Outages/Trippings							

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/May/2022

Statement-VII

Position as on 6.30 Hrs of 08/May/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
DHARAVI VIKHROLI	IntraState	30/08/2021	00:03			PO	Shifting of OPGW and stringing of conductor of 220 kV Trombay-Dharavi- Salsette line and replacement and shifting of conductor of Dharavi Powai and Dharavi Vikhroli line on new tower and dismantling old towers in section 32 to 38. 110 KV Vikhroli Powai line will be formed for dual feed to Vikhroli and Powai.
DHARAVI POWAI	IntraState	30/08/2021	00:03			PO	Shifting of OPGW and stringing of conductor of 220 kV Trombay-Dharavi- Salsette line and replacement and shifting of conductor of Dharavi Powai and Dharavi Vikhroli line on new tower and dismantling old towers in section 32 to 38. 110 KV Vikhroli Powai line will be formed for dual feed to Vikhroli and Powai.
WAGHIVALI - CHEMBUR	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringining of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shfiting these lines on new Multicircuit Towers between Darave to Vashi.
WAGHIVALI - MANKHURD	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringining of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shfiting these lines on new Multicircuit Towers between Darave to Vashi.

HT : Hand Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage