

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Jul/2022 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	106.442	2820.916	1) Gujrat	4.003	-147.947
2) Hydro	15.452	307.000	2) Madhya Pradesh	8.876	151.636
3) Gas	3.179	93.810	3) Chattisgarh	3.130	94.380
Total MSPGCL	125.073	3221.726	4) Maharashtra	141.882	3525.330
B) 1) APLM	61.101	1225.485	5) Goa (Amona)	-1.620	-36.642
2) JSWEL	14.462	346.228	Total	156.271	3586.757
3) VIPL	0.000	0.000	a) Mumbai Schedule	34.788	843.543
4) RPL(AMT)	19.009	513.214	b) Mumbai Drawl	38.523	902.127
5) SWPGPL	4.872	172.684	c) MSEDCL Bilateral *	59.459	1832.359
6) Other IPP	6.549	147.666	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	34.772	841.434
C) 1) TPCL Thermal	10.043	250.939	Include PX	0.000	0.000
2) TPCL Hydro	7.952	135.784	Standby	0.016	2.109
3) TPCL Gas	0.000	6.389	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.772	172.398	1) MSEDCL	379.774	9423.478
D) STATE			2) Mumbai Discoms	61.290	1467.639
1) Thermal	227.250	5649.530	3) Other Discoms	8.965	218.695
(A1+C1+C4+(B1-B6))			TOTAL STATE	450.029	11109.812
2) Hydro	23.404	442.784			
3) Gas	3.179	100.199			
4) Wind	32.094	1178.048			
6) SOLAR	7.831	152.492			
TOTAL STATE	293.758	7523.053			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4604	4664	4623	4081
MSPGCL Hydro	539	551	1823	332
MSPGCL Gas	133	131	133	132
MSPGCL Total Generation	5276	5346	6579	4545
Central Sector Receipt	7763	6767	6665	5053
WIND	1355	1615	1264	1286
CPP / IPP Thermal	4480	4041	5045	4081
CPP / IPP Gas	0	0	0	0
SOLAR	882	684	0	0
Exchange with Mumbai	-2006	-2013	-1568	-949
MSEDCL DEMAND MET	17332	16042	17568	13731
Load Shedding	0	0	0	0
MSEDCL DEMAND	17332	16042	17568	13731
TPCL GENERATION	706	767	1020	716
AEML GENERATION	215	176	241	177
MUMBAI DEMAND	2927	2956	2829	1842
OTHER DISCOM DEMAND	418	398	417	285
STATE DEMAND MET	20677	19396	20814	15858
STATE DEMAND	20677	19396	20814	15858
Frequency (Hz)	50.01	50.04	49.98	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.18 Hz at 14.04 Hrs	49.79 Hz at 06.15 Hrs	50.02	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 25/Jul/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.61	57.42	130	80
Unit 7	0.00	0.00	0	0
Unit 8	0.00	43.27	0	0
Unit 9	8.84	175.25	399	330
Unit 10	9.49	264.51	460	340
Total	20.94	540.46		
Bhusawal				
Unit 3	0.00	44.11	0	0
Unit 4	9.16	195.94	445	305
Unit 5	7.50	178.09	355	275
Total	16.66	418.14		
Parli				
Unit 6	3.90	109.74	188	149
Unit 7	3.79	89.98	180	148
Unit 8	3.32	51.84	162	122
Total	11.01	251.56		
Chandrapur				
Unit 3	0.00	20.97	0	0
Unit 4	2.16	57.01	108	79
Unit 5	5.54	158.10	250	220
Unit 6	4.73	134.15	240	148
Unit 7	0.00	0.00	0	0
Unit 8	7.03	222.23	450	0
Unit 9	9.76	227.86	448	345
Total	29.22	820.33		
Paras				
Unit 3	3.48	86.43	170	129
Unit 4	3.17	87.77	169	105
Total	6.65	174.19		
Khaparkheda				
Unit 1	2.75	63.94	135	60
Unit 2	2.38	72.34	125	75
Unit 3	3.69	81.69	167	137
Unit 4	3.40	35.89	150	135
Unit 5	6.93	217.38	335	280
Total	19.15	471.24		
Nasik				
Unit 3	2.81	73.72	123	102
Unit 4	0.00	39.36	0	0
Unit 5	0.00	31.92	0	0
Total	2.81	144.99		
Uran				
All Units	3.18	93.81	142	130
Total	3.18	93.81		
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)	0.61	7.72	27	17
Total	0.61	7.72		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.37	53.85	535	40
Stage 4	2.94	31.93	879	0
Stage 3	1.29	34.03	160	0
Total	6.61	119.81		
Hydro				
KDPH	0.86	10.65	36	36
VTRNA	0.63	16.86	60	0
TILLARI	0.41	12.16	58	0
BHIRA T.R.	0.48	10.05	77	0
SMLHY_PTN	5.73	128.63	250	228
GHATGHAR	0.12	1.12	103	0
Total	8.23	179.47		
Wind				
Total	32.09	1178.05	0	0
Total	32.09	1178.05		
CPP				
APML(Mus)	61.10	1225.48	0	0
JSWEL(Mus)	14.46	346.23	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	19.01	513.21	0	0
SWPGPL-Mus	4.87	172.68	0	0
Other(Mus)	6.55	147.67	0	0
Total	105.99	2405.28		
SOLAR				
Total	7.83	152.49	0	0
Total	7.83	152.49		
Tata				
Trombay 5	6.77	156.05	417	261
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	3.82	0	0
Trombay 7B	0.00	2.57	0	0
TATA Hydro	7.95	135.78	410	293
Trombay 8	3.27	94.89	193	131
Total	18.00	393.11		
AEML				
DTPS U-1&2	4.77	172.40	245	150
Total	4.77	172.40		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	106.44	2820.92	MSPGCL Total	125.07	3221.73
			MSPGCL Thml+Gas	109.62	2914.73	Koyna 1,2 & 4 Total	5.31	85.78
			MSPGCL Hydro	15.45	307.00	State Total	293.76	7523.05

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 25/Jul/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	4086	364	132	4582	1567	4242	0	0	5000	4874	-1180	13757	0	13757	2150	328	16235	50.03
2	4123	336	132	4591	1532	3982	0	0	4893	5095	-1050	13827	0	13827	2018	323	16168	50.02
3	4088	336	132	4556	1482	4078	0	0	4985	4910	-998	13757	0	13757	1895	271	15923	50.03
4	4081	332	132	4545	1286	4081	0	0	4986	5053	-949	13731	0	13731	1842	285	15858	50.04
5	4053	327	133	4513	1208	4366	0	0	5203	5539	-940	14392	0	14392	1839	294	16525	50.00
6	4207	347	132	4686	1340	4794	0	0	6002	6184	-1023	15650	0	15650	1948	331	17929	50.00
7	4363	520	133	5016	1241	4943	0	62	7046	6944	-1146	16713	0	16713	2104	347	19164	49.92
8	4507	680	133	5320	1133	5033	0	253	7315	7481	-1359	17511	0	17511	2318	350	20179	50.02
9	4648	577	133	5358	1269	4913	0	524	7844	7614	-1696	17585	0	17585	2618	397	20600	50.02
10	4604	539	133	5276	1355	4480	0	882	7815	7763	-2006	17332	0	17332	2927	418	20677	50.01
11	4597	586	133	5316	1358	4185	0	1123	7746	7486	-2194	16860	0	16860	3087	414	20361	50.06
12	4572	563	131	5266	1325	3830	0	1006	7468	7571	-2230	16352	0	16352	3078	416	19846	50.06
13	4437	654	130	5221	1199	3709	0	904	7196	7261	-2197	15693	0	15693	3039	404	19136	50.02
14	4524	570	130	5224	1244	3686	0	910	6843	6881	-2044	15512	0	15512	2934	389	18835	50.02
15	4618	539	132	5289	1233	3753	0	820	6740	7147	-1989	15869	0	15869	2949	384	19202	50.04
16	4664	551	131	5346	1615	4041	0	684	6908	6767	-2013	16042	0	16042	2956	398	19396	50.04
17	4430	423	132	4985	1739	3874	0	432	7587	7219	-2032	15809	0	15809	2912	408	19129	50.02
18	4589	349	131	5069	1672	3963	0	198	7600	7419	-1984	15898	0	15898	2872	439	19209	50.05
19	4649	460	131	5240	1477	4886	0	33	7110	6823	-1871	16158	0	16158	2802	430	19390	50.02
20	4623	1823	133	6579	1264	5045	0	0	6052	6665	-1568	17568	0	17568	2829	417	20814	49.98
21	4570	1838	142	6550	1217	5001	0	0	6183	6240	-1609	16993	0	16993	2720	406	20119	50.02
22	4542	1398	133	6073	1123	5033	0	0	6123	5877	-1570	16153	0	16153	2578	383	19114	50.03
23	4454	834	133	5421	1162	5038	0	0	6036	6107	-1492	15862	0	15862	2478	374	18714	50.01
24	4413	506	132	5051	1053	5037	0	0	6003	5351	-1383	14750	0	14750	2397	359	17506	49.98
MUs	106.44	15.45	3.18	125.07	32.09	105.99	0.00	7.83	156.68	156.27	-38.52	379.77	0.00	379.77	61.29	8.96	450.03	50.02

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 25/Jul/2022

Position as on 6.30 Hrs of 26/Jul/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Chandrapur Unit 7	500	15/06/2022	05:01		Continued.	Annual Overhaul	31/07/2022
MSPGCL	Koyna Unit 9	80	15/06/2022	08:00		Continued.	Capital Overhaul	30/09/2022
MSPGCL	Koradi Unit 8	660	04/07/2022	21:55		Continued.	Annual Overhaul	10/08/2022
FORCED OUTAGE								
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
PGPL	PGPL U1	262	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	22/10/2022
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	25/07/2022
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	01/09/2022
MSPGCL	Uran Unit B0	120	24/06/2022	06:28		Continued.	Excitation channel fault(Converted to Gas Shortage from 26-06-22)	
MSPGCL	Uran Unit 8	108	24/06/2022	15:33		Continued.	Gas shortage	
IPP	RPL(AMT) U-3	270	30/06/2022	15:00		Continued.	Coal Shortage	
IPP	JSW (J) U4	300	01/07/2022	13:03		Continued.	Turbine bearing Vabration high	25/07/2022
TPC-G	Trombay 7A	120	07/07/2022	01:09		Continued.	Gas shortage	
TPC-G	Trombay 7B	60	07/07/2022	01:21		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 3	210	09/07/2022	11:58		Continued.	Furnace Pressure High	31/07/2022
MSPGCL	Nasik Unit 5	210	11/07/2022	17:00		Continued.	WET COAL	
AEML	AEML Unit 2	250	13/07/2022	00:38		Continued.	Coal Shortage	
IPP	SWPGPL U-3	135	14/07/2022	14:58		Continued.	FD Fan Problem(converted to coal shortage from 19-7-2022)	
MSPGCL	Nasik Unit 4	210	14/07/2022	19:55		Continued.	Wet Coal Problem.	
MSPGCL	Bhusawal Unit 3	210	16/07/2022	06:30		Continued.	Critical coal stock	
IPP	SWPGPL U-2	135	20/07/2022	01:00		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	20/07/2022	10:00		Continued.	Coal Shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 25/Jul/2022

Position as on 6.30 Hrs of 26/Jul/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 5	108	24/07/2022	13:14		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 8	500	24/07/2022	22:54	25/07/2022	05:28	Flame Failure	
MSPGCL	Parli Unit 8	250	26/07/2022	01:44	26/07/2022	06:15	Low Vacuum	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 25/Jul/2022

Statement-VII

Position as on 6.30 Hrs of 26/Jul/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV MAINBAY Outages/Tripping							
400KV MAIN BAY 413 OF SPARE BAY @ CHANDRAPUR 2	InterState	23/06/2022	20:33			EO	for requirement of trip coil material from 400 kv spare bay 413 CB and utilise it in 400 kv Warora Ckt 2 CB 425
400 KV LINE Outages/Tripping							
KHADKA-AURANGABAD (WALUJ)	IntraState	20/07/2022	22:49	25/07/2022	06:44	HT	H/T DUE TO O/V
BUS COUPLER @ PADGHE	IntraState	22/07/2022	13:05			PO	1) Replacement of old Bhel make CB under LES scheme . 2) MTAMC work 3) Diagnostic Testing work
KARAD - LONIKAND I	IntraState	24/07/2022	01:07	25/07/2022	06:47	HT	H/T DUE TO O/V
PADGHE - KALWA CKT - 2	IntraState	24/07/2022	15:58	25/07/2022	04:11	PO	For Tapping of 400KV Kalwa-Padgha-2 line (loc no.1107) on 400KV Kalwa-Kharghar line (Loc no.173-174) on temporary basis for HTLS work on Kalwa-Padgha-2 line between dead portion loc no.1107-1135.
KALWA - KHARGHAR	IntraState	24/07/2022	16:02	25/07/2022	04:10	PO	1) For bunching work between 400KV Kalwa - Padgha 2 line (Loc No. 1107) and 400KV Kalwa - Kharghar line (Loc No. 174). 2) After above arrangement 400KV Padgha Kalwa-Kharghar will be Temporarily established and will be kept for 60 Days
JAIGAD - KARAD CKT - 2	IntraState	24/07/2022	23:08	25/07/2022	06:54	HT	H/T DUE TO O/V
JEJURI- KOYNA STAGE-IV	IntraState	25/07/2022	13:12	25/07/2022	23:01	EO	Due to unavailability of voltage in all 3 cores of "R" Phase of CVT at koyna St.-IV so main 1 & 2 distance Protection in Blocked condition. So Emergency Hand Tripped required.
GT-8 @ KORADI-2	IntraState	25/07/2022	16:52	25/07/2022	22:20		1)Diagnostic testing of CT at Bay 425 & 426 & 2) Routine Bay maintenance work.
KHADKA-AURANGABAD (WALUJ)	IntraState	25/07/2022	22:28	26/07/2022	06:31	HT	H/T DUE TO O/V
400 KV ICT Outages/Tripping							
400/220/33 KV 315 MVA ICT - 2 @ KOLHAPUR	IntraState	25/07/2022	10:18	25/07/2022	17:33	PO	1.QM Work 2.C & tan delta testing 3. SFRA & DFRA testing
220 KV LINE Outages/Tripping							
EKLAHARA(GCR)(NASIK)-BABLESHWAR 2	IntraState	27/04/2022	12:21			EO	Shifting of 220kv GCR-BBLR-2 line on 220kv TBC bay.
BOISAR - VERSOVA	IntraState	16/07/2022	00:30			PO	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. NHRCL project work(Erection of 02 new towers (01 ȳ Monopole & 01 Lattice) and shifting of existing lines at Vasai Area).

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Jul/2022

Statement-VII

Position as on 6.30 Hrs of 26/Jul/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
DAHANU - VERSOVA	IntraState	16/07/2022	01:07			PO	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. NHRCL project work (Erection of 02 new towers (01 c Monopole & 01 Lattice) and shifting of existing lines at Vasai Area).
BORIVALI - BOISAR (PG)	IntraState	18/07/2022	16:18			EO	Shifting of Line on TBC due to damaged B-Ph jumper (Twin) between Main Bus & Bus Isolator.
OSMANABAD - BARSHI	IntraState	25/07/2022	09:09	25/07/2022	11:26	PO	Outage is required for CRM & Timing of CB and Tan delta testing of CT's
TALANDGE - ICHALKARANJI 1	IntraState	25/07/2022	09:44	25/07/2022	13:38	PO	1) Quarterly bay maintenance work at 220 kV Tilawani end. 2) Bay Diagnostic testing at tilawani end .
EKLAHARE (OCR) - NAVASARI CKT - 1	IntraState	25/07/2022	11:02	25/07/2022	19:07	HT	Outage by WR
PARANDA-BARSHI	IntraState	25/07/2022	11:44	25/07/2022	16:58	PO	Outage is required for CRM & Timing of CB and Tan delta testing of CT's
CHINCHWAD- PARVATI	IntraState	25/07/2022	15:15	25/07/2022	17:27	EO	Location no 61 (SP) for B phase , flashover insualtor string replacement work
KHARGHAR - TSS PANVEL	IntraState	25/07/2022	16:52	25/07/2022	18:49	T	Tripped at TSS end only AR successful at Kharghar end
PADGHE - TEMGHAR - 2	IntraState	26/07/2022	02:37	26/07/2022	05:37	EO	For Removal of two nos. of existing wave trap (1250A) at 220KV Temghar s/s.
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.
220/132/11KV 200 MVA ICT 2 @ MALINAGAR	IntraState	20/07/2022	23:13			PO	Outage is required for Quarterly Maintenance
110 KV LINE Outages/Trippings							
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.
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.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Jul/2022

Statement-VII

Position as on 6.30 Hrs of 26/Jul/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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 shfting these lines on new Multicircuit Towers between Darave to Vashi.
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 shfting these lines on new Multicircuit Towers between Darave to Vashi.

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