

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Jul/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	79.195	2488.901	1) Gujrat	-12.426	-172.740
2) Hydro	9.931	316.196	2) Madhya Pradesh	3.422	131.189
3) Gas	3.204	115.755	3) Chattisgarh	5.530	98.860
Total MSPGCL	92.330	2920.852	4) Maharashtra	121.802	3352.333
B) 1) APLM	58.069	1517.582	5) Goa (Amona)	-1.576	-20.071
2) JSWEL	20.044	433.917	Total	116.752	3389.571
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.623	687.502
4) RPL(AMT)	16.355	547.753	b) Mumbai Drawl	26.276	703.030
5) SWPGPL	2.666	125.351	c) MSEDCL Bilateral *	28.143	806.733
6) Other IPP	5.195	163.432	Include PX	0.519	124.005
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.623	684.745
C) 1) TPCL Thermal	10.562	269.952	Include PX	11.043	320.192
2) TPCL Hydro	5.886	113.403	Standby	0.000	2.756
3) TPCL Gas	2.512	58.393	H) ENERGY CATERED (MUs)		
4) AEML Thermal	7.314	159.724	1) MSEDCL	344.371	9335.148
D) STATE			2) Mumbai Discoms	52.550	1304.502
1) Thermal	199.400	5706.612	TOTAL STATE	396.921	10639.650
(A1+C1+C4+(B1-B6))					
2) Hydro	15.817	429.599			
(A2+C2)					
3) Gas	5.716	174.148			
(A3+B7+C3)					
4) Wind	52.955	806.020			
6) SOLAR	6.281	133.700			
TOTAL STATE	280.169	7250.079			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3380	3106	3881	2773
MSPGCL Hydro	520	480	402	320
MSPGCL Gas	134	122	134	136
MSPGCL Total Generation	4034	3708	4417	3229
Central Sector Receipt	5522	5451	5015	4524
WIND	2162	2317	1851	2428
CPP / IPP Thermal	4448	3541	5335	3423
CPP / IPP Gas	0	0	0	0
SOLAR	604	870	0	0
Exchange with Mumbai	-1227	-1384	-878	-812
MSEDCL DEMAND MET	15543	14503	15740	12792
Load Shedding	0	0	0	0
MSEDCL DEMAND	15543	14503	15740	12792
TPCL GENERATION	886	898	969	604
AEML GENERATION	285	285	496	286
MUMBAI DEMAND	2398	2567	2343	1702
STATE DEMAND MET	17941	17070	18083	14494
STATE DEMAND	17941	17070	18083	14494
Frequency (Hz)	49.98	49.96	49.86	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 15.02 Hrs	49.76 Hz at 19.23 Hrs	49.97	0 % of Time(min)

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

Shift Engineer

Shift Incharge

Daily and Progressive Generation, Maximum, Minimum for 24/Jul/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	7.10	227.33	325	240
Unit 9	6.88	173.62	337	235
Unit 10	7.00	182.63	330	260
Total	20.98	583.58		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	6.14	186.71	480	0
Unit 5	0.00	160.80	0	0
Total	6.14	347.52		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	22.08	0	0
Total	0.00	22.08		
Chandrapur				
Unit 3	3.14	77.51	148	118
Unit 4	3.26	62.14	170	115
Unit 5	5.92	178.02	284	230
Unit 6	7.60	174.48	380	275
Unit 7	7.37	75.58	380	255
Unit 8	8.60	228.08	432	275
Unit 9	0.00	138.21	0	0
Total	35.89	934.01		
Paras				
Unit 3	0.00	83.94	0	0
Unit 4	3.93	72.16	210	152
Total	3.93	156.11		
Khaparkheda				
Unit 1	0.00	7.76	0	0
Unit 2	0.00	35.70	0	0
Unit 3	0.00	41.57	0	0
Unit 4	0.00	42.26	0	0
Unit 5	8.38	237.66	405	300
Total	8.38	364.94		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	14.10	0	0
Unit 5	3.88	66.58	194	131
Total	3.88	80.68		
Uran				
All Units	3.20	115.76	136	122
Total	3.20	115.76		
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)	0.05	4.50	23	0
Total	0.05	4.50		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	0.96	61.66	50	35
Stage 4	0.00	64.70	0	0
Stage 3	1.26	51.72	160	0
Total	2.22	178.08		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	1.27	0	0
TILLARI	1.25	5.71	58	40
BHIRA T.R.	0.50	10.29	40	0
SMLHY_PTN	5.27	116.94	224	212
GHATGHAR	0.69	3.91	125	0
Total	7.71	138.11		
Wind				
Total	52.96	806.02	0	0
Total	52.96	806.02		
CPP				
APML(Mus)	58.07	1517.58	0	0
JSWEL(Mus)	20.04	433.92	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	16.36	547.75	0	0
SWPGPL-Mus	2.67	125.35	0	0
Other(Mus)	5.20	163.43	0	0
Total	102.33	2788.04		
SOLAR				
Total	6.28	133.70	0	0
Total	6.28	133.70		
Tata				
Trombay 5	6.90	207.16	382	279
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.40	32.29	63	56
Trombay 7B	1.12	26.10	49	45
Trombay 8	3.66	62.79	207	137
TATA Hydro	5.89	113.40	388	73
Total	18.96	441.75		
AEML				
DTPS U-1&2	7.31	159.72	496	285
Total	7.31	159.72		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	79.20	2488.90
MSPGCL Thml+Gas	82.40	2604.66
MSPGCL Hydro	9.93	316.20

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	92.33	2920.85
Koyna 1,2 & 4 Total	0.96	126.36
State Total	280.17	7250.08

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/Jul/2021

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	3093	322	135	3550	2042	3976	0	0	4729	4601	-987	13182	0	13182	1999	15181	49.91
2	3042	322	135	3499	2244	3719	0	0	4545	4101	-876	12687	0	12687	1881	14568	49.92
3	3032	319	136	3487	2498	3480	0	0	4342	4126	-787	12804	0	12804	1759	14563	50.00
4	2773	320	136	3229	2428	3423	0	0	4506	4524	-812	12792	0	12792	1702	14494	49.98
5	2779	326	135	3240	2188	3651	0	0	4512	4721	-807	12993	0	12993	1694	14687	49.94
6	3096	356	136	3588	2419	4308	0	0	4801	4453	-890	13878	0	13878	1793	15671	49.99
7	3201	473	135	3809	2246	4723	0	28	5401	5172	-849	15129	0	15129	1792	16921	49.90
8	3283	519	136	3938	2299	4912	0	225	5708	5443	-950	15867	0	15867	1935	17802	50.04
9	3502	517	135	4154	2279	4728	0	428	5592	5275	-1086	15778	0	15778	2139	17917	50.01
10	3380	520	134	4034	2162	4448	0	604	5581	5522	-1227	15543	0	15543	2398	17941	49.98
11	3284	608	134	4026	2194	4273	0	697	5809	5444	-1322	15312	0	15312	2520	17832	50.00
12	3134	563	133	3830	2250	3967	0	771	5950	5481	-1469	14830	0	14830	2644	17474	50.02
13	3106	480	122	3708	2317	3541	0	870	5647	5451	-1384	14503	0	14503	2567	17070	49.96
14	3142	483	132	3757	2332	3377	0	769	5214	5054	-1393	13896	0	13896	2480	16376	49.98
15	3204	457	132	3793	2337	3627	0	734	5255	4950	-1343	14098	0	14098	2476	16574	49.97
16	3239	401	133	3773	2322	3702	0	548	5447	4992	-1358	13979	0	13979	2450	16429	49.99
17	3243	297	133	3673	2271	3780	0	383	5344	5456	-1290	14273	0	14273	2408	16681	49.98
18	3463	302	133	3898	2109	4094	0	193	5177	5145	-1279	14160	0	14160	2348	16508	49.96
19	3713	300	134	4147	2073	4629	0	31	4931	4950	-1170	14660	0	14660	2328	16988	49.91
20	3881	402	134	4417	1851	5335	0	0	4818	5015	-878	15740	0	15740	2343	18083	49.86
21	3875	424	134	4433	2023	5370	0	0	4739	4382	-793	15415	0	15415	2317	17732	49.97
22	3629	411	136	4176	2149	5295	0	0	4414	4143	-1105	14658	0	14658	2237	16895	50.00
23	3560	413	125	4098	2017	4947	0	0	4314	4391	-1100	14353	0	14353	2188	16541	49.96
24	3541	396	136	4073	1905	5024	0	0	4329	3960	-1121	13841	0	13841	2152	15993	50.00
MUs	79.19	9.93	3.20	92.33	52.96	102.33	0.00	6.28	121.10	116.75	-26.28	344.37	0.00	344.37	52.55	396.92	49.97

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 24/Jul/2021

Position as on 6.30 Hrs of 25/Jul/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
IPP	RPL(AMT) U-3	270	15/07/2021	00.00		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 9	500	15/07/2021	02.00		Continued.	Annual Overhaul	
MSPGCL	Paras Unit 3	250	20/07/2021	00.35		Continued.	Annual Overhaul	
MSPGCL	Uran Unit 5	108	22/07/2021	00.06		Continued.	Maintenance work	
MSPGCL	Uran Unit A0	120	22/07/2021	00.06		Continued.	Maintenance work	
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)	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Nasik Unit 3	210	03/12/2020	06.45		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 21-01-2021).	
MSPGCL	Koradi Unit 6	210	27/04/2021	19.59		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 6	250	04/05/2021	20.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 7	250	05/05/2021	19.00		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	08/06/2021	00.34		Continued.	Zero Schedule.	
MSPGCL	Uran Unit 6	108	29/06/2021	22.18		Continued.	Gas shortage	
MSPGCL	Nasik Unit 4	210	04/07/2021	11.03		Continued.	Boiler Tube Leakage(Converted into to Zero Schedule from 20.00Hrs DT.06-07-2021)	
MSPGCL	Parli Unit 8	250	12/07/2021	18.00		Continued.	Zero Schedule.	
MSPGCL	Khaparkheda Unit 1	210	15/07/2021	23.57		Continued.	Zero schedule	
MSPGCL	Khaparkheda Unit 2	210	16/07/2021	00.12		Continued.	Zero schedule	
MSPGCL	Khaparkheda Unit 3	210	16/07/2021	00.29		Continued.	Zero schedule	
MSPGCL	Khaparkheda Unit 4	210	16/07/2021	02.00		Continued.	Zero schedule	
IPP	JSW (J) U4	300	16/07/2021	17.44		Continued.	Air Preheater problem.	
IPP	SWPGPL U-4	135	19/07/2021	23.45		Continued.	Zero schedule.	
IPP	SWPGPL U-2	135	19/07/2021	23.51		Continued.	Zero schedule.	
MSPGCL	Bhusawal Unit 5	500	21/07/2021	14.08		Continued.	Zero schedule.	
MSPGCL	Bhusawal Unit 4	500	24/07/2021	03.17	24/07/2021	07.33	Generator electrical protection.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 24/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 25/Jul/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	24/07/2021	00.06	24/07/2021	08.59	T	line fault.
Chandrapur - Padghe Hvdc Pole 2	IntraState	25/07/2021	12.52	25/07/2021	15.06	T	Tripped due to auxiliary supply failure at padghe end.
400 KV LINE Outages/Trippings							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Kolhapur Solapur(PG) I	InterState	25/07/2021	09.10	25/07/2021	20.28	T	Replacement work
Girwali - Lonikand 1	IntraState	14/07/2021	09.29	24/07/2021	13.41	PO	Dismantling / De-stringing, tower erection and stringing work between span 258-259 for LILO arrangement to proposed 400kv karjat station.
Khadka-Aurangabad (Waluj)	IntraState	23/07/2021	13.18		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	24/07/2021	02.26	24/07/2021	07.26	T	Distance Protection
Jaigad-Karad Ckt-I	IntraState	24/07/2021	23.53		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/08/2020	09.58		Continued.	PO	Replacement of existing 315 MVA ICT by 3*167 MVA ICT.
400/220/33kV 500MVA ICT 5 @ Padghe	IntraState	23/07/2021	20.44	24/07/2021	01.23	EO	To attend Hot Spot
400/220/33 Kv 500 Mva Ict 3 @Dhule	IntraState	24/07/2021	08.58	24/07/2021	17.50	PO	Routine Maintenance Work
400/220/33 kv 315 MVA ICT-I @Chandrapur GCR	IntraState	24/07/2021	18.57	25/07/2021	02.46	EO	Protection trial of newly erected Siemens Make Circuit Breaker of 315MVA, 400/220/33KV, NGEF make ICT-I.
400/220/33 Kv 315 MVA ICT-3 @Padghe	IntraState	25/07/2021	12.26	25/07/2021	14.17	T	On NDR.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule(Close at Chikodi end only)
Tillari Amona	InterState	23/07/2021	23.04	24/07/2021	00.49	T	Distance Protection
Wadkhal(GIS)-JSW(GIS) I	IntraState	16/07/2021	17.50		Continued.	PO	For replacement of existing 1200/1A GIS metering CTs with new 1600/1A GIS CTs.
Kandalgaon - Koyna (Pophali)	IntraState	22/07/2021	05.07	24/07/2021	18.45	T	Distance Protection
Mahad-Kandalgaon	IntraState	22/07/2021	19.35		Continued.	T	Distance Protection
Kandalgaon - Pirangut	IntraState	22/07/2021	19.37		Continued.	T	Distance Protection
Kharghar-Borivali ckt II	IntraState	23/07/2021	08.43		Continued.	PO	To Carry out bunching work.
Mahape - TIFIL	IntraState	23/07/2021	09.25		Continued.	PO	To Carry out bunching work.
Kalwa-TIFIL	IntraState	23/07/2021	11.12		Continued.	PO	For Complete Tower erection work at loc no. 75A & 76 (behind M/s Siemens).
Trombay MSETCL Tie 1	IntraState	24/07/2021	09.50	24/07/2021	20.23	PO	Attending main bus side GOD at MSETCL Trombay.
Eklahara(Gcr)(Nasik)- Bableshtar 2	IntraState	24/07/2021	10.26	24/07/2021	20.15	PO	B/U testing.
Pusad - Hingoli	IntraState	24/07/2021	10.41	24/07/2021	15.35	HT	Attending Hot Spot
SIEMENS - RELIANCE GIS	IntraState	24/07/2021	11.51	24/07/2021	18.09	PO	1) To carry out bunching between loc no. 45 & 46 of Bottom Ckt of 220KV Kalwa-TFIPL line (Old name) to 220KV Siemens-RCP Line which will form 220KV Kharghar Tap- Siemens-RCP line.
SAKI (REL) - SAKI (TATA) CKT - 1	IntraState	24/07/2021	14.48	24/07/2021	17.19	PO	Routine Maintenance Work

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 25/Jul/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Padghe - Jindal	IntraState	25/07/2021	01.03	25/07/2021	03.33	HT	Attending Hot Spot
Eklahara(Gcr)(Nasik)- Bableshwar 2	IntraState	25/07/2021	08.27	25/07/2021	22.10	PO	Samruddhi expressay in line monopole stringing work at loc no.104A,104B & 105 on 220Kv BBLR ckt-1 & dismantling of old tower body of loc no.105.
Trombay MSETCL Tie 1	IntraState	25/07/2021	09.32	25/07/2021	22.10	PO	For attending line side god issue at TATA end.
220 KV ICT Outages/Trippings							
220 Kv /132 Kv 100 Mva Ptr @Chitegaon	IntraState	18/07/2021	11.03		Continued.	PO	Attending oil leakage from main tank.
200/132KV 100MVA ICT-1@Butibori	IntraState	23/07/2021	07.35		Continued.	T	Smoke observed From LV Side B - PHLA.

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage