

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Jul/2021 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	79.060	2567.961	1) Gujrat	-8.898	-181.638
2) Hydro	9.070	325.266	2) Madhya Pradesh	4.066	135.255
3) Gas	3.250	119.005	3) Chattisgarh	4.620	103.480
Total MSPGCL	91.380	3012.232	4) Maharashtra	113.687	3466.020
B) 1) APML	56.990	1574.572	5) Goa (Amona)	-1.521	-21.592
2) JSWEL	18.600	452.517	Total	111.954	3501.525
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.206	709.708
4) RPL(AMT)	15.661	563.414	b) Mumbai Drawl	25.246	728.276
5) SWPGPL	2.559	127.910	c) MSEDCL Bilateral *	26.915	833.648
6) Other IPP	5.058	168.490	Include PX	0.760	124.765
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.206	706.951
C) 1) TPCL Thermal	10.374	280.326	Include PX	7.773	327.965
2) TPCL Hydro	3.333	116.736	Standby	0.000	2.756
3) TPCL Gas	2.571	60.964	H) ENERGY CATERED (MUs)		
4) AEML Thermal	6.891	166.615	1) MSEDCL	339.423	9674.571
D) STATE			2) Mumbai Discoms	48.415	1352.917
1) Thermal	195.193	5901.805	TOTAL STATE	387.838	11027.488
(A1+C1+C4+(B1-B6))					
2) Hydro	12.403	442.002			
(A2+C2)					
3) Gas	5.821	179.969			
(A3+B7+C3)					
4) Wind	57.279	863.299			
6) SOLAR	5.188	138.888			
TOTAL STATE	275.884	7525.963			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 2 Hrs
MSPGCL Thermal	3515	3151	3665	3133
MSPGCL Hydro	383	446	384	311
MSPGCL Gas	136	134	135	135
MSPGCL Total Generation	4034	3731	4184	3579
Central Sector Receipt	5330	4768	4268	4582
WIND	2460	2887	2356	1961
CPP / IPP Thermal	4361	3356	5117	4169
CPP / IPP Gas	0	0	0	0
SOLAR	358	653	0	0
Exchange with Mumbai	-1066	-1291	-1011	-983
MSEDCL DEMAND MET	15477	14104	14914	13308
Load Shedding	0	0	0	0
MSEDCL DEMAND	15477	14104	14914	13308
TPCL GENERATION	621	600	849	694
AEML GENERATION	285	285	287	285
MUMBAI DEMAND	1972	2176	2147	1962
STATE DEMAND MET	17449	16280	17061	15270
STATE DEMAND	17449	16280	17061	15270
Frequency (Hz)	50.04	50.04	49.96	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 08.01 Hrs	49.75 Hz at 19.47 Hrs	50	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 25/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	7.11	234.44	312	255
Unit 9	7.10	180.72	320	273
Unit 10	7.08	189.72	306	260
Total	21.30	604.88		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	7.14	193.85	420	280
Unit 5	0.00	160.80	0	0
Total	7.14	354.65		
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	3.12	80.63	148	121
Unit 4	3.21	65.35	166	118
Unit 5	5.98	184.00	270	220
Unit 6	7.07	181.55	330	270
Unit 7	7.34	82.92	353	269
Unit 8	8.24	236.32	430	275
Unit 9	0.00	138.21	0	0
Total	34.96	968.97		
Paras				
Unit 3	0.00	83.94	0	0
Unit 4	3.81	75.97	172	151
Total	3.81	159.91		
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	7.95	245.61	395	300
Total	7.95	372.89		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	14.10	0	0
Unit 5	3.90	70.48	194	122
Total	3.90	84.59		
Uran				
All Units	3.25	119.00	138	134
Total	3.25	119.00		
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)	0.02	4.52	16	0
Total	0.02	4.52		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.00	62.66	50	35
Stage 4	0.00	64.70	0	0
Stage 3	1.36	53.08	80	0
Total	2.35	180.43		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	1.27	0	0
TILLARI	1.21	6.92	58	40
BHIRA T.R.	0.39	10.68	40	0
SMLHY_PTN	5.12	122.06	238	165
GHATGHAR	0.00	3.91	0	0
Total	6.72	144.83		
Wind				
Total	57.28	863.30	0	0
Total	57.28	863.30		
CPP				
APML(Mus)	56.99	1574.57	0	0
JSWEL(Mus)	18.60	452.52	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	15.66	563.41	0	0
SWPGPL-Mus	2.56	127.91	0	0
Other(Mus)	5.06	168.49	0	0
Total	98.87	2886.90		
SOLAR				
Total	5.19	138.89	0	0
Total	5.19	138.89		
Tata				
Trombay 5	6.84	214.00	338	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.43	33.72	63	58
Trombay 7B	1.14	27.24	50	46
Trombay 8	3.54	66.32	215	137
TATA Hydro	3.33	116.74	313	73
Total	16.28	458.03		
AEMIL				
DTPS U-1&2	6.89	166.62	327	284
Total	6.89	166.62		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	79.06	2567.96	MSPGCL Total	91.38	3012.23
			MSPGCL Thml+Gas	82.31	2686.97	Koyna 1,2 & 4 Total	1.00	127.36
			MSPGCL Hydro	9.07	325.27	State Total	275.88	7525.96

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/Jul/2021

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	3197	316	136	3649	1909	4364	0	0	4745	4745	-1074	13593	0	13593	2080	15673	49.97
2	3133	311	135	3579	1961	4169	0	0	4740	4582	-983	13308	0	13308	1962	15270	49.96
3	3087	314	136	3537	2079	4159	0	0	4622	4710	-947	13538	0	13538	1853	15391	49.98
4	3053	310	138	3501	2214	4169	0	0	4487	4545	-899	13530	0	13530	1780	15310	49.99
5	3139	318	137	3594	2279	4160	0	0	4630	4553	-881	13705	0	13705	1763	15468	49.96
6	3442	353	137	3932	2367	4601	0	0	4737	4605	-916	14589	0	14589	1798	16387	50.00
7	3475	350	136	3961	2473	4749	0	31	5178	4808	-920	15102	0	15102	1804	16906	50.00
8	3471	357	136	3964	2308	4550	0	181	5469	5462	-979	15486	0	15486	1865	17351	50.03
9	3515	383	136	4034	2460	4361	0	358	5513	5330	-1066	15477	0	15477	1972	17449	50.04
10	3428	388	135	3951	2632	4318	0	542	5435	5015	-1135	15323	0	15323	2092	17415	50.04
11	3279	423	135	3837	2645	3780	0	641	5572	5223	-1264	14862	0	14862	2184	17046	50.03
12	3191	438	134	3763	2840	3481	0	708	5579	4701	-1277	14216	0	14216	2197	16413	50.08
13	3151	446	134	3731	2887	3356	0	653	5138	4768	-1291	14104	0	14104	2176	16280	50.04
14	3131	446	134	3711	2872	3344	0	636	4194	4080	-1120	13523	0	13523	2119	15642	50.02
15	3166	423	134	3723	2857	3294	0	570	4669	4292	-1095	13641	0	13641	2093	15734	50.03
16	3156	429	134	3719	2767	3326	0	419	4598	4222	-1023	13430	0	13430	2055	15485	50.04
17	3194	424	135	3753	2524	3349	0	284	4910	4606	-1051	13465	0	13465	1988	15453	49.99
18	3181	405	134	3720	2079	3420	0	151	4821	5096	-1071	13395	0	13395	1960	15355	50.00
19	3480	395	135	4010	1989	4235	0	14	4744	4693	-970	13971	0	13971	1999	15970	50.01
20	3487	388	135	4010	1993	4859	0	0	4978	4935	-996	14801	0	14801	2101	16902	49.91
21	3665	384	135	4184	2356	5117	0	0	4460	4268	-1011	14914	0	14914	2147	17061	49.96
22	3468	397	136	4001	2254	4810	0	0	4262	4094	-1039	14120	0	14120	2147	16267	49.98
23	3346	344	137	3827	2298	4501	0	0	4357	4325	-1097	13854	0	13854	2144	15998	50.01
24	3225	328	136	3689	2236	4396	0	0	4469	4296	-1141	13476	0	13476	2136	15612	50.01
MUs	79.06	9.07	3.25	91.38	57.28	98.87	0.00	5.19	116.31	111.95	-25.25	339.42	0.00	339.42	48.42	387.84	50.00

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/2021

Position as on 6.30 Hrs of 26/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.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 26/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	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
Khadka-Aurangabad (Waluj)	IntraState	23/07/2021	13.18		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	24/07/2021	23.53		Continued.	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	26/07/2021	00.23	26/07/2021	06.35	T	Distance Protection
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.
400/220/33 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)
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.
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).
Padghe - Jindal	IntraState	25/07/2021	01.03	25/07/2021	03.33	HT	Attending Hot Spot
Eklahara(Gcr)(Nasik)- Bableswhar 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