

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Jul/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	108.921	1112.276	1) Gujrat	-12.199	-37.149
2) Hydro	8.843	181.261	2) Madhya Pradesh	3.747	76.850
3) Gas	6.548	55.334	3) Chattisgarh	3.870	45.770
Total MSPGCL	124.312	1348.871	4) Maharashtra	158.187	1542.186
B) 1) APLM	58.890	685.447	5) Goa (Amona)	-0.252	-6.187
2) JSWEL	19.177	196.335	Total	153.353	1621.470
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.593	310.567
4) RPL(AMT)	25.158	293.876	b) Mumbai Drawl	28.094	310.123
5) SWPGPL	7.558	53.529	c) MSEDCL Bilateral *	31.784	455.201
6) Other IPP	7.583	77.625	Include PX	1.087	152.270
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	31.553	308.141
C) 1) TPCL Thermal	13.947	116.846	Include PX	17.889	137.967
2) TPCL Hydro	2.960	66.862	Standby	0.040	2.426
3) TPCL Gas	2.356	22.405	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.659	59.718	1) MSEDCL	386.908	4249.601
D) STATE			2) Mumbai Discoms	53.016	575.955
1) Thermal	246.893	2595.652	TOTAL STATE	439.924	4825.556
(A1+C1+C4+(B1-B6))					
2) Hydro	11.803	248.123			
(A2+C2)					
3) Gas	8.904	77.739			
(A3+B7+C3)					
4) Wind	13.686	217.103			
6) SOLAR	5.285	65.468			
TOTAL STATE	286.571	3204.085			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4797	4547	4718	4175
MSPGCL Hydro	319	316	824	267
MSPGCL Gas	271	269	268	274
MSPGCL Total Generation	5387	5132	5810	4716
Central Sector Receipt	7179	7154	6021	5633
WIND	226	158	829	764
CPP / IPP Thermal	4915	4891	5231	4264
CPP / IPP Gas	0	0	0	0
SOLAR	771	536	0	0
Exchange with Mumbai	-1381	-1218	-978	-1022
MSEDCL DEMAND MET	17097	16653	16913	14355
Load Shedding	0	0	0	0
MSEDCL DEMAND	17097	16653	16913	14355
TPCL GENERATION	880	1015	1067	703
AEML GENERATION	251	251	253	252
MUMBAI DEMAND	2512	2484	2298	1977
STATE DEMAND MET	19609	19137	19211	16332
STATE DEMAND	19609	19137	19211	16332
Frequency (Hz)	50.04	49.96	49.95	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 08.02 Hrs	49.79 Hz at 23.31 Hrs	49.99	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 10/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	7.84	88.37	495	52
Unit 9	9.82	93.99	465	350
Unit 10	1.33	67.85	301	0
Total	19.00	250.21		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.44	81.90	505	290
Unit 5	10.42	83.38	500	285
Total	20.86	165.28		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	4.85	13.78	216	199
Total	4.85	13.78		
Chandrapur				
Unit 3	3.32	32.93	153	128
Unit 4	3.44	15.86	155	133
Unit 5	0.00	77.86	0	0
Unit 6	8.49	68.68	375	330
Unit 7	0.00	0.00	0	0
Unit 8	10.23	104.32	444	402
Unit 9	9.95	100.59	440	400
Total	35.42	400.25		
Paras				
Unit 3	4.71	48.55	222	162
Unit 4	1.21	17.64	244	0
Total	5.92	66.19		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.26	21.19	185	115
Unit 3	3.65	24.67	180	130
Unit 4	3.89	25.35	205	130
Unit 5	8.91	111.01	440	325
Total	19.72	182.22		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	14.10	0	0
Unit 5	3.16	20.24	136	125
Total	3.16	34.35		
Uran				
All Units	6.55	55.33	292	267
Total	6.55	55.33		
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)	0.08	3.16	23	0
Total	0.08	3.16		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.05	40.30	365	35
Stage 4	0.23	62.60	176	0
Stage 3	0.56	24.73	80	0
Total	2.83	127.64		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	1.16	0	0
BHIRA T.R.	0.42	4.52	63	0
SMLHY_PTN	5.31	46.61	230	205
GHATGHAR	0.28	1.33	125	0
Total	6.01	53.62		
Wind				
Total	13.69	217.10	0	0
Total	13.69	217.10		
CPP				
APML(Mus)	58.89	685.45	0	0
JSWEL(Mus)	19.18	196.34	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.16	293.88	0	0
SWPGPL-Mus	7.56	53.53	0	0
Other(Mus)	7.58	77.62	0	0
Total	118.37	1306.81		
SOLAR				
Total	5.28	65.47	0	0
Total	5.28	65.47		
Tata				
Trombay 5	10.29	103.30	472	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.30	12.29	63	49
Trombay 7B	1.05	10.12	49	40
Trombay 8	3.65	13.54	160	113
TATA Hydro	2.96	66.86	351	0
Total	19.26	206.11		
AEMIL				
DTPS U-1&2	5.66	59.72	292	146
Total	5.66	59.72		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	108.92	1112.28	MSPGCL Total	124.31	1348.87
			MSPGCL Thml+Gas	115.47	1167.61	Koyna 1,2 & 4 Total	2.28	102.90
			MSPGCL Hydro	8.84	181.26	State Total	286.57	3204.08

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/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	4416	266	274	4956	882	4884	0	0	5501	5152	-1156	14718	0	14718	2277	16995	49.97
2	4171	275	274	4720	726	4709	0	0	5830	5573	-1072	14656	0	14656	2092	16748	49.99
3	4175	267	274	4716	764	4264	0	0	5800	5633	-1022	14355	0	14355	1977	16332	50.00
4	4270	268	285	4823	697	4258	0	0	5724	5620	-902	14496	0	14496	1878	16374	50.01
5	4118	284	273	4675	704	4575	0	0	5698	5908	-913	14949	0	14949	1850	16799	49.97
6	4502	414	274	5190	705	4928	0	0	6082	6165	-1170	15818	0	15818	1863	17681	49.99
7	4628	261	274	5163	494	4982	0	39	7307	7030	-1219	16489	0	16489	1871	18360	50.02
8	4616	272	274	5162	354	4903	0	213	7583	7390	-1288	16734	0	16734	1941	18675	50.04
9	4490	334	292	5116	376	4782	0	424	7554	7437	-1433	16702	0	16702	2110	18812	49.99
10	4539	644	272	5455	343	4809	0	624	7149	7157	-1440	16948	0	16948	2346	19294	50.01
11	4797	319	271	5387	226	4915	0	771	7226	7179	-1381	17097	0	17097	2512	19609	50.04
12	4631	298	271	5200	161	4891	0	729	7485	7314	-1246	17049	0	17049	2529	19578	50.02
13	4547	316	269	5132	158	4891	0	536	7537	7154	-1218	16653	0	16653	2484	19137	49.96
14	4403	301	268	4972	205	4904	0	586	7333	7248	-1338	16577	0	16577	2367	18944	49.97
15	4344	456	277	5077	236	4953	0	565	7114	7271	-1357	16745	0	16745	2367	19112	49.96
16	4513	535	267	5315	410	5018	0	452	7027	6771	-1346	16620	0	16620	2361	18981	50.01
17	4594	377	267	5238	397	5017	0	213	6971	7258	-1312	16811	0	16811	2324	19135	50.03
18	4668	343	267	5278	492	5067	0	105	6829	6567	-1195	16314	0	16314	2279	18593	50.01
19	4415	470	268	5153	579	5057	0	28	6493	6279	-1124	15972	0	15972	2236	18208	50.00
20	4718	824	268	5810	829	5231	0	0	6082	6021	-978	16913	0	16913	2298	19211	49.95
21	4918	489	268	5675	885	5382	0	0	5751	5344	-958	16328	0	16328	2295	18623	49.98
22	4953	297	271	5521	953	5385	0	0	5471	5459	-975	16343	0	16343	2263	18606	49.99
23	4831	268	280	5379	976	5288	0	0	5612	5317	-1030	15930	0	15930	2250	18180	49.94
24	4664	265	270	5199	1134	5273	0	0	5664	5106	-1021	15691	0	15691	2246	17937	49.89
MUs	108.92	8.84	6.55	124.31	13.69	118.37	0.00	5.28	156.82	153.35	-28.09	386.91	0.00	386.91	53.02	439.92	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 10/Jul/2021

Position as on 6.30 Hrs of 11/Jul/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
AEML	AEML Unit 1	250	19/05/2021	09.52	10/07/2021	23.44	HP turbine replacement.	
MSPGCL	Khaparkheda Unit 1	210	11/06/2021	23.58		Continued.	Annual Overhaul	
IPP	JSW (J) U3	300	09/07/2021	12.12		Continued.	Annual Overhaul	
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	Chandrapur Unit 7	500	20/02/2021	23.43		Continued.	Generator Earth Fault.	
MSPGCL	Koradi Unit 6	210	27/04/2021	19.59		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
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)	
IPP	Adani U-2	660	07/07/2021	03.59	11/07/2021	03.12	Aph-B hot PA bellow leakage.	
MSPGCL	Paras Unit 4	250	08/07/2021	17.28	10/07/2021	16.46	Tripped on electrical fault.	
IPP	RPL(AMT) U-3	270	09/07/2021	09.15	10/07/2021	17.28	Bottom Ash problem.	
MSPGCL	Chandrapur Unit 5	500	09/07/2021	23.48	11/07/2021	06.28	Flame Failure	
MSPGCL	Koradi Unit 10	660	10/07/2021	04.48		Continued.	OLTC valve Leakage.	
TPC_G	Trombay 8	250	11/07/2021	00.01	11/07/2021	14.02	To attend main steam strainer drain line leakage.	
MSPGCL	Uran Unit 5	108	11/07/2021	01.40		Continued.	Tripped on jerk.(Due to tripping of 220 Nerul-Kharghar line)	
MSPGCL	Uran Unit A0	120	11/07/2021	01.40		Continued.	Tripped on jerk.(Due to tripping of 220 Nerul-Kharghar line)	
MSPGCL	Koradi Unit 9	660	11/07/2021	12.10		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 11/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 1	IntraState	10/07/2021	17.50	10/07/2021	20.00	EO	Water leakage observed at Pole 1 B phase valve.
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
Khadka - Bableshtar	IntraState	06/07/2021	10.29		Continued.	PO	Samruddhi Expressway crossing 400kv Tower Erection ,stringing and dismantling work.
TBC @ Dhule	IntraState	08/07/2021	11.45	11/07/2021	15.01	PO	CGL Make CB Overhauling & MTAMC Work.
Bhusawal-Aurangabad	IntraState	09/07/2021	20.36	10/07/2021	08.04	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	10/07/2021	08.28	10/07/2021	18.45	PO	Replacement of faulty disc insulator string.
Warora -IEPL	IntraState	11/07/2021	02.30	11/07/2021	15.14	T	Distance Protection
Kharghar-Talegaon(PG)	IntraState	11/07/2021	14.40	11/07/2021	19.15	EO	For attending the hotspot noticed on Y & B-ph CT IPS tube clamp bolt. All CT clamps tightening work and B-ph Circuit breaker Air valve replacement work.
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.(FTC DT 16/08/2021 At 14.42)
400/220 kv 167 MVA Spare ICT @Deepnagar	IntraState	10/07/2021	10.29	10/07/2021	12.17	PO	For replacing the N2 gas cylinder of CTR panel.
400/220 KV 315 MVA ICT-I @ Nagothane	IntraState	10/07/2021	14.45	10/07/2021	17.35	PO	Attending Hot Spot
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)
Borivali(MS) Boisar(PG)	InterState	09/07/2021	21.35	10/07/2021	04.08	HT	For Load Management.
Boisar(MS) - Boisar (PG) - I	InterState	09/07/2021	22.38	10/07/2021	04.00	EO	Attending Hot Spot
MSETCL Borivli Aarey 1	IntraState	17/06/2021	13.25	11/07/2021	20.09	T	Distance Protection (Charged only from Aarey end).10/Jul/2021 19.56 Soak Test.
Mulund - GIS Bhandup	IntraState	01/07/2021	09.37		Continued.	PO	project work of bay strengthening on 200kv Mulund-Bhandup GIS line bay at 220kv Mulund substation
Kalwa - Mulund 1	IntraState	01/07/2021	09.39		Continued.	PO	project work of bay strengthening on 220kv Mulund-Bhandup GIS line bay along with replacement of C&R panel of 220 kalwa-1 at 220kv Mulund substation.
Chikhli-Jalna-II	IntraState	09/07/2021	20.00	10/07/2021	22.06	HT	To Control loading On Akola ICT.
Chikhli-Jalna-I	IntraState	09/07/2021	20.00	10/07/2021	22.06	T	To Control loading On Akola ICT.
Boisar Versova Line	IntraState	09/07/2021	21.08	10/07/2021	04.14	HT	For Load Management.
Parli 2-(Girwali) -Murud	IntraState	09/07/2021	22.38	11/07/2021	05.11	HT	Due To BKR Problem TBC Is Under Outage.
Kalwa1- Airoli Knowledge Park	IntraState	10/07/2021	06.47	10/07/2021	08.40	PO	Attending Hot Spot
Uran - Kharghar 2	IntraState	10/07/2021	10.18		Continued.	PO	Carrying out the new conductor stringing at Loc.No.46(New) and 47(New) for height raising work i.e. stringing of new conductor from Loc.No.45 to 48.

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 10/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 11/Jul/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Bableshwar -Ahamadnagar-I	IntraState	10/07/2021	10.22	10/07/2021	20.01	PO	CT testing.
Kharghar - Nerul	IntraState	10/07/2021	12.16	10/07/2021	16.42	PO	Y phase CT conductor strands broken. Same conductor will be replaced.
Flagship-Nandedcity	IntraState	10/07/2021	17.50	10/07/2021	18.02	T	Distance Protection
Kharghar - Nerul	IntraState	11/07/2021	01.40	11/07/2021	11.30	T	Distance Protection
WARDHA - WARDHA (PG) (Deoli)	IntraState	11/07/2021	02.32		Continued.	T	Distance Protection
Dhamangaon New - Badnera	IntraState	11/07/2021	03.39	11/07/2021	04.10	T	Dhamangaon- D/PB PH D=14 KM IF=2.5KA Badnera-D=36.72 KA IF=3.23KA B PH
Nalasopara-Boisar	IntraState	11/07/2021	09.34	11/07/2021	17.47	PO	Replacement Insulator String & 220 kV Bay maintenance at 220 kV Nalasopara S/S.
Tuljapur-Lamboti(Tap to Vairag s/st.)	IntraState	11/07/2021	11.06	11/07/2021	15.04	PO	CT Tan-delta Testing work.
Purti-Bhugaon	IntraState	11/07/2021	19.00	11/07/2021	19.20	T	Conductor Snapped At 220KV Wardha PG Line.
Bhugaon- Wardha	IntraState	11/07/2021	19.00		Continued.	T	B- D/P OPTD, A/RL/O, Z1, Y PH, 4.31KA, 24.2 KM. Conductor Snapped.
220KV Chalisagaon-Kopergaon	IntraState	11/07/2021	23.25	11/07/2021	23.59	T	C-R PH, 70 KM, 2.7KA.K - R PH, 3.59 KA
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Emco Ict @Bhenda	IntraState	10/07/2021	09.15	10/07/2021	16.35	PO	OLTC overhauling work.
220/132 kV 200MVA ICT II @ Girwali	IntraState	10/07/2021	10.13	10/07/2021	13.30	PO	CTR maintenance.
220/132 Kv 100 Mva Ict 1 @Tuljapur	IntraState	10/07/2021	10.23	10/07/2021	19.48	PO	Tan delta test.
220/22 Kv 50 Mva Bb Ptr 2 @Kalwa	IntraState	10/07/2021	12.50	10/07/2021	13.51	EO	For attending 22Kv bus isolator red hot by Discom.
220/132 Kv Ict 1 200 Mva @Parbhani	IntraState	11/07/2021	20.25	11/07/2021	21.20	T	Auxiliary Protection Operated.

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