

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/Jul/2018 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	105.906	2126.591	1) Gujrat	-4.521	-107.847
2) Hydro	6.293	107.643	2) Madhya Pradesh	5.137	173.801
3) Gas	5.751	164.080	3) Chattisgarh	5.250	114.060
Total MSPGCL	117.950	2398.314	4) Maharashtra	78.621	1913.434
B) 1) APLM	59.861	1254.659	5) Goa (Amona)	-0.814	-11.462
2) JSWEL	17.296	368.279	Total	83.673	2081.986
3) VIPL	10.500	137.808	a) Mumbai Schedule	20.275	439.523
4) RPL(AMT)	0.000	116.383	b) Mumbai Drawl	26.057	572.332
5) SWPGPL	4.274	65.726	c) MSEDCL Bilateral *	0.711	271.905
6) Other IPP	3.935	121.424	Include PX	-21.143	-260.387
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.275	439.523
C) 1) TPCL Thermal	12.284	226.442	Include PX	0.390	105.957
2) TPCL Hydro	5.696	115.944	Standby	0.000	0.000
3) TPCL Gas	3.612	77.650	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.027	203.889	1) MSEDCL	334.381	7099.159
D) STATE			2) Mumbai Discoms	56.677	1196.250
1) Thermal	223.083	4621.201	3) Other Discoms		
(A1+C1+C4+(B1-B6))			TOTAL STATE	391.058	8295.409
2) Hydro	11.989	223.587			
(A2+C2)					
3) Gas	9.363	241.730			
(A3+B7+C3)					
4) Wind	59.195	1053.665			
6) SOLAR	3.754	73.247			
TOTAL STATE	307.384	6213.430			

* 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 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4339	4404	4814	4334
MSPGCL Hydro	308	412	269	164
MSPGCL Gas	238	237	237	238
MSPGCL Total Generation	4885	5053	5320	4736
Central Sector Receipt	4791	3316	3637	2476
WIND	2498	2616	2758	2090
CPP / IPP Thermal	3984	4170	4429	3842
CPP / IPP Gas	0	0	0	0
SOLAR	217	453	0	0
Exchange with Mumbai	-1206	-1420	-1172	-781
MSEDCL DEMAND MET	15169	14188	14972	12363
Load Shedding	0	0	0	0
MSEDCL DEMAND	15169	14188	14972	12363
TPCL GENERATION	708	1049	1085	640
AEML GENERATION	375	384	377	376
MUMBAI DEMAND	2289	2853	2634	1797
OTHER DISCOM DEMAND	0	0	0	0
STATE DEMAND MET	17458	17041	17606	14160
STATE DEMAND	17458	17041	17606	14160
Frequency (Hz)	50.00	50.05	49.97	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.2 Hz at 13:02 Hrs	49.83 Hz at 23:53 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 21/Jul/2018

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	0.00	0.00	0	0
Unit 9	11.01	201.10	468	427
Unit 10	10.82	193.60	500	380
Total	21.83	394.70		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.48	188.92	465	325
Unit 5	8.53	188.10	460	325
Total	17.02	377.03		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	4.67	84.13	238	185
Total	4.67	84.13		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	8.19	173.57	360	315
Unit 6	8.65	180.78	395	335
Unit 7	8.77	175.80	400	333
Unit 8	10.02	199.29	470	360
Unit 9	0.00	4.95	0	0
Total	35.64	734.40		
Paras				
Unit 3	4.54	72.83	210	177
Unit 4	4.59	75.95	220	180
Total	9.13	148.78		
Khaparkheda				
Unit 1	2.86	59.64	135	100
Unit 2	3.64	74.20	160	130
Unit 3	3.69	77.74	160	150
Unit 4	3.61	52.83	155	150
Unit 5	0.00	0.00	0	0
Total	13.80	264.41		
Nasik				
Unit 3	3.82	81.02	166	148
Unit 4	0.00	0.00	0	0
Unit 5	0.00	42.12	0	0
Total	3.82	123.15		
Uran				
All Units	5.75	164.08	249	228
Total	5.75	164.08		
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)	0.06	2.53	33	0
Total	0.06	2.53		
Koyana				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.02	32.62	50	35
Stage 4	0.00	1.63	0	0
Stage 3	1.27	29.42	160	0
Total	2.29	63.67		
Hydro				
KDPH	0.84	3.94	35	35
VTRNA	0.92	6.26	61	0
TILLARI	0.60	6.79	60	0
BHIRA T.R.	0.42	8.97	80	0
SMLHY_PTN	0.40	5.16	25	14
GHATGHAR	0.00	0.00	0	0
Total	3.18	31.12		
Wind				
Total	59.20	1053.66	0	0
Total	59.20	1053.66		
CPP				
APML(Mus)	59.86	1254.66	0	0
JSWEL(Mus)	17.30	368.28	0	0
VIPL(Mus)	10.50	137.81	0	0
RPLAMT(Mus)	0.00	116.38	0	0
WPCL(Mus)	4.27	65.73	0	0
Other(Mus)	3.94	121.42	0	0
Total	95.87	2064.28		
SOLAR				
Total	3.75	73.25	0	0
Total	3.75	73.25		
Tata				
Trombay 5	7.30	117.98	317	291
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.23	48.01	119	48
Trombay 7B	1.38	29.64	67	39
TATA Hydro	5.70	115.94	388	18
Trombay 8	4.99	108.47	223	197
Total	21.59	420.04		
R-INFRA				
DTPS U-1&2	9.03	203.89	384	373
Total	9.03	203.89		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	105.91	2126.59	MSPGCL Total	117.95	2398.31
			MSPGCL Thml+Gas	111.66	2290.67	Koyna 1,2 & 4 Total	1.02	34.26
			MSPGCL Hydro	6.29	107.64	State Total	307.38	6213.43

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 21/Jul/2018

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 DEMAN D	OTHER DISCOM DEMAN D	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	4413	193	238	4844	2199	3873	0	0	2645	2643	-973	12586	0	12586	2070		14656	49.97
2	4425	185	247	4857	2172	3884	0	0	2446	2646	-860	12699	0	12699	1903		14602	49.96
3	4334	164	238	4736	2090	3842	0	0	2459	2476	-781	12363	0	12363	1797		14160	49.97
4	4264	164	228	4656	2019	3868	0	0	2443	2680	-717	12506	0	12506	1722		14228	50.00
5	4256	165	246	4667	2010	3873	0	0	2647	3108	-743	12915	0	12915	1715		14630	49.97
6	4312	211	238	4761	2250	3873	0	0	3795	3888	-837	13935	0	13935	1807		15742	49.99
7	4372	264	239	4875	2289	3946	0	26	4407	4533	-925	14744	0	14744	1904		16648	50.00
8	4471	273	249	4993	2222	4150	0	108	4415	4408	-987	14894	0	14894	2049		16943	50.05
9	4339	308	238	4885	2498	3984	0	217	4461	4791	-1206	15169	0	15169	2289		17458	50.00
10	4314	367	237	4918	2537	3876	0	355	4019	4411	-1311	14786	0	14786	2623		17409	50.01
11	4330	321	246	4897	2425	3910	0	492	3779	4136	-1404	14456	0	14456	2848		17304	50.02
12	4422	403	237	5062	2483	4071	0	508	3608	3869	-1486	14507	0	14507	2949		17456	50.00
13	4404	412	237	5053	2616	4170	0	453	3417	3316	-1420	14188	0	14188	2853		17041	50.05
14	4448	379	246	5073	2584	4037	0	499	3291	3077	-1283	13987	0	13987	2733		16720	50.04
15	4374	331	237	4942	2783	3874	0	413	3258	3414	-1265	14161	0	14161	2728		16889	49.97
16	4339	267	236	4842	2900	3856	0	317	3229	3315	-1224	14006	0	14006	2696		16702	49.99
17	4398	219	246	4863	2902	3847	0	227	3279	3292	-1206	13925	0	13925	2660		16585	49.99
18	4337	197	237	4771	2888	3881	0	112	3579	3579	-1176	14055	0	14055	2624		16679	49.97
19	4632	164	236	5032	2835	4084	0	27	3723	3557	-1177	14358	0	14358	2627		16985	49.99
20	4814	269	237	5320	2758	4429	0	0	3888	3637	-1172	14972	0	14972	2634		17606	49.97
21	4660	302	247	5209	2579	4382	0	0	3725	3382	-1078	14474	0	14474	2558		17032	50.01
22	4552	267	236	5055	2396	4232	0	0	3348	3270	-933	14020	0	14020	2424		16444	49.99
23	4375	267	228	4870	2347	4042	0	0	3131	3191	-827	13623	0	13623	2297		15920	49.98
24	4321	201	247	4769	2413	3882	0	0	2921	3054	-1066	13052	0	13052	2166		15218	49.92
MUs	105.91	6.29	5.75	117.95	59.19	95.87	0.00	3.75	81.91	83.67	-26.06	334.38	0.00	334.38	56.68		391.06	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 21/Jul/2018

Position as on 6.30 Hrs of 22/Jul/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Khaparkheda Unit 5	500	20/06/2018	05.14		Continued.	Annual Overhaul	
MSPGCL	Parli Unit 6	250	24/06/2018	18.02	22/07/2018	24.00	Zero Schedule(Converted for Capital overhaul from 00.00Hrs Dt. 23/07/2018)	
MSPGCL	Koradi Unit 8	660	29/06/2018	13.27		Continued.	Converted to APH from 19/07/2018	
MSPGCL	Chandrapur Unit 9	500	01/07/2018	11.35		Continued.	Annual Overhaul	
IPP	JSW (J) U3	300	09/07/2018	00.42		Continued.	Annual Overhaul	
MSPGCL	Parli Unit 7	250	21/07/2018	00:00	22/07/2018	24:00	Generator transformer oil leakage	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	25/06/2022
IPP	SWPGPL U-2	135	29/02/2016	21.46		Continued.	No PPA	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
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)	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
MSPGCL	Ghatghar Unit-1	125	14/04/2018	23.45		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-1	270	01/05/2018	00.00		Continued.	Coal Shortage(Zero schedule on 30.06.2018)	
MSPGCL	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	Coal Swapping IEPL	
MSPGCL	Nasik Unit 4	210	01/06/2018	00.53		Continued.	Dhariwal Inter Change	
MSPGCL	Uran Unit 6	108	09/06/2018	11.50		Continued.	GT winding short.	
MSPGCL	Koradi Unit 7	210	11/06/2018	22.10		Continued.	Coal Shortage	
MSPGCL	Parli Unit 7	250	17/06/2018	08.32		Continued.	ZERO SCHEDULE	
IPP	RPL(AMT) U-4	270	22/06/2018	17.31		Continued.	Bottom Ash Problem.	
IPP	RPL(AMT) U-3	270	26/06/2018	00.01		Continued.	Zero Schedule	
MSPGCL	Ghatghar Unit-2	125	29/06/2018	01.12		Continued.	Stator Earth Fault	
MSPGCL	Ghatghar Unit-2	125	29/06/2018	01:12		Continued.	Stator Earth Fault	
IPP	IEPL Unit 1	270	11/07/2018	13.00		Continued.	poor coal receipt.	
MSPGCL	Nasik Unit 5	210	12/07/2018	00.00		Continued.	ZERO SCHEDULE.	
IPP	RPL(AMT) U-2	270	12/07/2018	00.00		Continued.	ZERO SCHEDULE.	
IPP	RPL(AMT) U-5	270	12/07/2018	01.28		Continued.	ZERO SCHEDULE.	
IPP	Dhariwal	300	13/07/2018	23.59		Continued.	Critical coal stock	
MSPGCL	Koradi Unit 6	210	16/07/2018	09.18		Continued.	R & M Work	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 21/Jul/2018

Position as on 6.30 Hrs of 22/Jul/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							Blade Failure.	
TPC-G	Trombay 7B	60	22/07/2018	01.00		Continued.	Gas Path Inspection.	
TPC-G	Trombay 7A	120	22/07/2018	01.08		Continued.	Gas Path Inspection.	

