

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 20/Jul/2018 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	101.684	2020.685	1) Gujrat	-4.597	-103.326
2) Hydro	6.307	101.350	2) Madhya Pradesh	5.212	168.664
3) Gas	7.637	158.329	3) Chattisgarh	5.200	108.810
Total MSPGCL	115.628	2280.364	4) Maharashtra	83.624	1834.813
B) 1) APLM	61.310	1194.798	5) Goa (Amona)	-0.858	-10.648
2) JSWEL	17.635	350.983	Total	88.581	1998.313
3) VIPL	8.187	127.308	a) Mumbai Schedule	19.587	419.248
4) RPL(AMT)	0.000	116.383	b) Mumbai Drawl	28.809	546.275
5) SWPGPL	4.720	61.452	c) MSEDCL Bilateral *	8.678	271.193
6) Other IPP	3.706	117.489	Include PX	-13.940	-239.244
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.587	419.248
C) 1) TPCL Thermal	13.000	214.158	Include PX	3.582	105.567
2) TPCL Hydro	5.568	110.248	Standby	0.000	0.000
3) TPCL Gas	3.631	74.038	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.031	194.862	1) MSEDCL	329.494	6764.778
D) STATE			2) Mumbai Discoms	60.038	1139.573
1) Thermal	219.273	4398.118	3) Other Discoms		
(A1+C1+C4+(B1-B6))			TOTAL STATE	389.532	7904.351
2) Hydro	11.875	211.598			
(A2+C2)					
3) Gas	11.268	232.367			
(A3+B7+C3)					
4) Wind	55.627	994.470			
6) SOLAR	2.909	69.493			
TOTAL STATE	300.952	5906.046			

* 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 3 Hrs
MSPGCL Thermal	4420	4051	4563	4082
MSPGCL Hydro	322	295	298	200
MSPGCL Gas	403	378	248	386
MSPGCL Total Generation	5145	4724	5109	4668
Central Sector Receipt	4603	3816	4101	2681
WIND	2453	2597	2233	2216
CPP / IPP Thermal	4075	3919	4355	3775
CPP / IPP Gas	0	0	0	0
SOLAR	338	365	0	0
Exchange with Mumbai	-1667	-1621	-1142	-813
MSEDCL DEMAND MET	14947	13800	14656	12527
Load Shedding	0	0	0	0
MSEDCL DEMAND	14947	13800	14656	12527
TPCL GENERATION	813	1077	1184	658
AEML GENERATION	376	375	415	374
MUMBAI DEMAND	2856	3073	2741	1845
OTHER DISCOM DEMAND	0	0	0	0
STATE DEMAND MET	17803	16873	17397	14372
STATE DEMAND	17803	16873	17397	14372
Frequency (Hz)	50.02	50.03	49.98	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.17 Hz at 14.02 Hrs	49.82 Hz at 13.41 Hrs	49.99	% of Time(min)

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

Daily and Progressive Generation, Maximum, Minimum for 20/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	11.95	190.09	553	444
Unit 10	11.92	182.78	551	460
Total	23.86	372.87		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.61	180.44	440	320
Unit 5	8.74	179.58	460	335
Total	17.36	360.02		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.39	79.46	141	0
Total	0.39	79.46		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	7.34	165.38	335	285
Unit 6	7.74	172.13	366	305
Unit 7	8.53	167.03	400	310
Unit 8	9.81	189.27	490	360
Unit 9	0.00	4.95	0	0
Total	33.42	698.76		
Paras				
Unit 3	4.56	68.29	214	160
Unit 4	4.57	71.36	210	136
Total	9.13	139.65		
Khaparkheda				
Unit 1	2.87	56.77	140	105
Unit 2	3.60	70.56	150	150
Unit 3	3.68	74.06	159	150
Unit 4	3.60	49.22	155	145
Unit 5	0.00	0.00	0	0
Total	13.75	250.61		
Nasik				
Unit 3	3.78	77.20	166	152
Unit 4	0.00	0.00	0	0
Unit 5	0.00	42.12	0	0
Total	3.78	119.33		
Uran				
All Units	7.64	158.33	403	226
Total	7.64	158.33		
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)	0.05	2.47	33	0
Total	0.05	2.47		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.28	31.61	130	40
Stage 4	0.00	1.63	0	0
Stage 3	0.91	28.14	80	0
Total	2.20	61.38		
Hydro				
KDPH	0.84	3.10	35	35
VTRNA	0.92	5.34	61	0
TILLARI	0.72	6.19	60	0
BHIRA T.R.	0.50	8.55	80	0
SMLHY_PTN	0.43	4.76	18	18
GHATGHAR	0.00	0.00	0	0
Total	3.40	27.94		
Wind				
Total	55.63	994.47	0	0
Total	55.63	994.47		
CPP				
APML(Mus)	61.31	1194.80	0	0
JSWEL(Mus)	17.64	350.98	0	0
VIPL(Mus)	8.19	127.31	0	0
RPLAMT(Mus)	0.00	116.38	0	0
WPCL(Mus)	4.72	61.45	0	0
Other(Mus)	3.71	117.49	0	0
Total	95.56	1968.41		
SOLAR				
Total	2.91	69.49	0	0
Total	2.91	69.49		
Tata				
Trombay 5	7.77	110.68	414	299
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.25	45.78	119	46
Trombay 7B	1.38	28.26	67	38
TATA Hydro	5.57	110.25	390	35
Trombay 8	5.23	103.48	231	212
Total	22.20	398.44		
R-INFRA				
DTPS U-1&2	9.03	194.86	415	373
Total	9.03	194.86		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	101.68	2020.68	MSPGCL Total	115.63	2280.36
			MSPGCL Thml+Gas	109.32	2179.01	Koyna 1,2 & 4 Total	1.28	33.24
			MSPGCL Hydro	6.31	101.35	State Total	300.95	5906.05

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 20/Jul/2018

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	3964	172	399	4535	2444	3684	0	0	3220	3136	-1037	12762	0	12762	2118		14880	49.94
2	4020	166	376	4562	2355	3753	0	0	2762	2984	-902	12752	0	12752	1953		14705	49.96
3	4082	200	386	4668	2216	3775	0	0	2650	2681	-813	12527	0	12527	1845		14372	49.96
4	4259	218	376	4853	2165	3929	0	0	2763	2426	-752	12621	0	12621	1774		14395	50.01
5	4334	190	381	4905	2005	3955	0	0	3234	2989	-763	13091	0	13091	1775		14866	49.97
6	4338	182	366	4886	2199	3957	0	0	4097	3959	-896	14105	0	14105	1903		16008	49.97
7	4454	176	389	5019	2100	4006	0	21	4564	4822	-968	15000	0	15000	2047		17047	49.95
8	4549	228	392	5169	2096	4031	0	112	4830	4672	-983	15097	0	15097	2232		17329	49.96
9	4574	292	391	5257	2194	4075	0	241	4845	4696	-1248	15215	0	15215	2559		17774	50.00
10	4420	322	403	5145	2453	4075	0	338	4890	4603	-1667	14947	0	14947	2856		17803	50.02
11	4093	332	379	4804	2534	3868	0	305	4448	4439	-1800	14150	0	14150	3066		17216	50.02
12	4055	354	389	4798	2704	3790	0	289	4443	4418	-1692	14307	0	14307	3132		17439	49.98
13	4051	295	378	4724	2597	3919	0	365	4092	3816	-1621	13800	0	13800	3073		16873	50.03
14	3951	350	238	4539	2498	3806	0	358	3724	3646	-1472	13375	0	13375	2918		16293	50.00
15	3982	312	226	4520	2444	3886	0	296	3462	3663	-1454	13355	0	13355	2932		16287	50.01
16	4002	290	247	4539	2429	3979	0	286	3750	3291	-1455	13069	0	13069	2922		15991	49.99
17	4026	313	236	4575	2606	3836	0	197	3531	3435	-1426	13223	0	13223	2878		16101	50.00
18	4049	371	237	4657	2546	3793	0	79	3587	3785	-1387	13473	0	13473	2855		16328	50.03
19	4244	301	238	4783	2260	4021	0	22	3966	3824	-1352	13558	0	13558	2810		16368	50.04
20	4563	298	248	5109	2233	4355	0	0	4340	4101	-1142	14656	0	14656	2741		17397	49.98
21	4422	238	239	4899	2177	4368	0	0	3773	3842	-1108	14178	0	14178	2606		16784	49.97
22	4470	243	249	4962	2048	4376	0	0	3457	3421	-985	13822	0	13822	2472		16294	49.99
23	4471	232	237	4940	2149	4301	0	0	3251	3008	-891	13507	0	13507	2377		15884	49.95
24	4311	232	237	4780	2175	4020	0	0	3238	2925	-995	12905	0	12905	2195		15100	49.95
MUs	101.68	6.31	7.64	115.63	55.63	95.56	0.00	2.91	90.92	88.58	-28.81	329.49	0.00	329.49	60.04		389.53	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 20/Jul/2018

Position as on 6.30 Hrs of 21/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		Continued.	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		Continued.	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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
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)	
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.	
IPP	VIPL U-1	300	11/06/2018	00.30	20/07/2018	11.34	Coal Shortage	
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	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 20/Jul/2018

Position as on 6.30 Hrs of 21/Jul/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Parli Unit 8	250	19/07/2018	23.35	20/07/2018	17.50	DRUM LEVEL HIGH.	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
MSPGCL	Parli Unit 8	250	20/07/2018	18.48	20/07/2018	21.10	Drum level low	

