

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Jul/2019 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	100.110	678.464	1) Gujrat	-3.685	-26.027
2) Hydro	3.283	20.474	2) Madhya Pradesh	10.326	44.551
3) Gas	6.050	42.723	3) Chattisgarh	5.160	26.160
Total MSPGCL	109.443	741.661	4) Maharashtra	94.622	547.361
B) 1) APLM	49.247	315.959	5) Goa (Amona)	-0.506	-3.036
2) JSWEL	19.276	120.942	Total	105.917	589.009
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.396	123.548
4) RPL(AMT)	0.000	3.657	b) Mumbai Drawl	29.839	160.924
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	2.446	13.206
6) Other IPP	2.517	15.342	Include PX	-9.921	-63.571
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.396	123.548
C) 1) TPCL Thermal	12.123	75.960	Include PX	8.354	47.834
2) TPCL Hydro	3.639	26.513	Standby	0.000	0.000
3) TPCL Gas	3.057	22.501	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.961	56.179	1) MSEDCL	325.051	1963.484
D) STATE			2) Mumbai Discoms	57.619	342.075
1) Thermal	192.234	1266.503	TOTAL STATE	382.670	2305.559
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	6.922	46.987			
3) Gas (A3+B7+C3)	9.107	65.224			
4) Wind	65.661	314.728			
6) SOLAR	2.829	23.110			
TOTAL STATE	276.753	1716.552			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4187	4189	4180	4089
MSPGCL Hydro	165	170	275	35
MSPGCL Gas	249	260	245	246
MSPGCL Total Generation	4601	4619	4700	4370
Central Sector Receipt	5126	4807	5212	3057
WIND	2938	2789	2540	2788
CPP / IPP Thermal	2784	2691	3399	3136
CPP / IPP Gas	0	0	0	0
SOLAR	406	311	0	0
Exchange with Mumbai	-1643	-1597	-1312	-881
MSEDCL DEMAND MET	14212	13620	14539	12470
Load Shedding	0	0	0	0
MSEDCL DEMAND	14212	13620	14539	12470
TPCL GENERATION	921	920	900	617
AEML GENERATION	374	374	374	372
MUMBAI DEMAND	2938	2891	2586	1870
STATE DEMAND MET	17150	16511	17125	14340
STATE DEMAND	17150	16511	17125	14340
Frequency (Hz)	50.08	50.05	50.01	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 13.02 Hrs	49.8 Hz at 15.51 Hrs	50.01	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 06/Jul/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.31	15.03	155	120
Unit 7	0.00	11.71	0	0
Unit 8	9.87	49.52	460	365
Unit 9	8.98	46.01	400	330
Unit 10	0.18	0.18	120	0
Total	22.34	122.45		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.76	56.88	450	355
Unit 5	7.94	55.67	360	310
Total	16.70	112.55		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	0.00	6.67	0	0
Unit 4	2.89	21.07	147	103
Unit 5	5.91	45.50	270	190
Unit 6	6.76	43.52	310	260
Unit 7	6.09	44.62	300	227
Unit 8	6.37	48.34	330	248
Unit 9	6.40	45.63	320	240
Total	34.43	255.34		
Paras				
Unit 3	4.65	29.70	259	160
Unit 4	1.66	23.68	126	0
Total	6.32	53.38		
Khaparkheda				
Unit 1	3.34	18.64	170	110
Unit 2	2.58	9.19	130	90
Unit 3	3.50	21.41	161	131
Unit 4	3.07	20.16	165	0
Unit 5	0.00	3.85	0	0
Total	12.48	73.25		
Nasik				
Unit 3	3.89	23.62	168	154
Unit 4	3.94	24.13	172	151
Unit 5	0.00	13.74	0	0
Total	7.83	61.49		
Uran				
All Units	6.05	42.72	275	236
Total	6.05	42.72		
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)	0.00	0.00	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.00		
Koyna				
Stage 1-2	1.34	7.71	160	35
Stage 4	0.00	0.13	0	0
Stage 3	1.60	5.78	240	0
Total	2.94	13.63		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.24	0	0
TILLARI	0.00	0.90	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.34	2.28	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.00	0.05	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.00	0	0
GHATGHAR	0.00	3.37	0	0
Total	0.34	6.84		
Wind				
Total	65.66	314.73	0	0
Total	65.66	314.73		
CPP				
APML(Mus)	49.25	315.96	0	0
JSWEL(Mus)	19.28	120.94	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	3.66	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.52	15.34	0	0
Total	71.04	455.90		
SOLAR				
Total	2.83	23.11	0	0
Total	2.83	23.11		
Tata				
Trombay 5	7.34	47.23	314	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.78	13.86	88	50
Trombay 7B	1.27	8.64	58	43
Trombay 8	4.78	28.73	202	196
TATA Hydro	3.64	26.51	272	2
Total	18.82	124.97		
AEML				
DTPS U-1&2	8.96	56.18	375	372
Total	8.96	56.18		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	100.11	678.46	MSPGCL Total	109.44	741.66
			MSPGCL Thml+Gas	106.16	721.19	Koyna 1,2 & 4 Total	1.34	7.85
			MSPGCL Hydro	3.28	20.47	State Total	276.75	1716.55

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/Jul/2019

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	4313	40	275	4628	2857	3140	0	0	2580	3094	-1105	12614	0	12614	2120	14734	50.01
2	4186	70	256	4512	2852	3091	0	0	2561	3125	-957	12623	0	12623	1965	14588	50.03
3	4089	35	246	4370	2788	3136	0	0	2732	3057	-881	12470	0	12470	1870	14340	50.03
4	4064	35	248	4347	2936	3023	0	0	2884	3044	-814	12536	0	12536	1805	14341	50.04
5	4147	35	249	4431	2896	2802	0	0	2949	3448	-796	12781	0	12781	1785	14566	50.03
6	4184	40	259	4483	2710	2917	0	0	4046	4389	-860	13639	0	13639	1849	15488	50.00
7	4326	40	254	4620	2593	3280	0	22	4738	4886	-912	14489	0	14489	1901	16390	49.95
8	4302	80	236	4618	2782	3082	0	113	4836	4932	-1039	14488	0	14488	2054	16542	50.00
9	4351	113	257	4721	2874	2792	0	199	4531	5112	-1208	14490	0	14490	2331	16821	50.01
10	4328	185	257	4770	2772	2799	0	275	4662	5078	-1398	14296	0	14296	2651	16947	49.98
11	4196	143	252	4591	2838	2874	0	328	5169	5088	-1573	14146	0	14146	2859	17005	50.07
12	4187	165	249	4601	2938	2784	0	406	4920	5126	-1643	14212	0	14212	2938	17150	50.08
13	4189	170	260	4619	2789	2691	0	311	4519	4807	-1597	13620	0	13620	2891	16511	50.05
14	4216	95	248	4559	2777	2687	0	353	4492	4311	-1539	13148	0	13148	2771	15919	50.07
15	4176	80	258	4514	2814	2680	0	336	4117	4303	-1487	13160	0	13160	2753	15913	49.95
16	4048	202	247	4497	2749	2709	0	245	3972	4508	-1458	13250	0	13250	2745	15995	49.94
17	3987	140	246	4373	2661	2695	0	137	4610	4835	-1432	13269	0	13269	2711	15980	50.01
18	3803	189	259	4251	2706	2703	0	83	4504	4930	-1397	13276	0	13276	2680	15956	50.04
19	4006	275	236	4517	2635	2873	0	21	4882	5326	-1414	13958	0	13958	2654	16612	50.03
20	4149	275	257	4681	2496	3161	0	0	5214	5403	-1379	14362	0	14362	2628	16990	49.95
21	4180	275	245	4700	2540	3399	0	0	4912	5212	-1312	14539	0	14539	2586	17125	50.01
22	4244	211	246	4701	2647	3354	0	0	4449	4207	-1253	13656	0	13656	2471	16127	50.00
23	4227	200	254	4681	2494	3188	0	0	3819	4160	-1220	13303	0	13303	2363	15666	50.06
24	4212	190	256	4658	2517	3180	0	0	3224	3536	-1165	12726	0	12726	2238	14964	50.01
MUs	100.11	3.28	6.05	109.44	65.66	71.04	0.00	2.83	99.32	105.92	-29.84	325.05	0.00	325.05	57.62	382.67	50.01

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 06/Jul/2019

Position as on 6.30 Hrs of 07/Jul/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.(water shortage from 25/06/2019)	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Parli Unit 8	250	04/06/2019	00.00		Continued.	Zero Schedule (converted to AOH from 25/06/2019)	
MSPGCL	Koyna Unit 6	80	17/06/2019	08.40		Continued.	needle stuck up problem.	
IPP	Adani U-4	660	19/06/2019	16.09		Continued.	MS Drain Bonnet Leakage.	
MSPGCL	Parli Unit 7	250	25/06/2019	09.45		Continued.	Water Shortage	
MSPGCL	Bhusawal Unit 3	210	28/06/2019	18.35		Continued.	Zero schedule.	
IPP	RPL(AMT) U-2	270	29/06/2019	00.00		Continued.	Zero schedule.	
IPP	RPL(AMT) U-5	270	29/06/2019	03.00		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 10	660	30/06/2019	11.54	06/07/2019	21.46	Air heater problem	
IPP	RPL(AMT) U-1	270	30/06/2019	16.00		Continued.	Zero Schedule	
IPP	RPL(AMT) U-3	270	01/07/2019	00.00		Continued.	ZERO SCHEDULE.	
IPP	Dhariwal	300	01/07/2019	00.01		Continued.	NO SCHEDULE	
IPP	RPL(AMT) U-4	270	01/07/2019	17.45		Continued.	Zero schedule.	
MSPGCL	Khaparkheda Unit 5	500	02/07/2019	01.25		Continued.	Generator Elect. Fault	
MSPGCL	Chandrapur Unit 3	210	04/07/2019	06.48	07/07/2019	18.29	Boiler Tube Leakage	
MSPGCL	Nasik Unit 5	210	04/07/2019	15.27		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	05/07/2019	21.16		Continued.	Heavy steam leakage	
MSPGCL	Paras Unit 4	250	06/07/2019	15.32		Continued.	Coal mill problem	
MSPGCL	Khaparkheda Unit 4	210	06/07/2019	16.43	06/07/2019	18.37	Furnace Pressure High	
MSPGCL	Uran Unit 6	108	07/07/2019	20.53		Continued.	Boiler Protection.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/Jul/2019

Statement-VII

Position as on 6.30 Hrs of 07/Jul/2019

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	07/07/2019	09.45	07/07/2019	13.23	T	High pressure tap changer 1 convert T/F.
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
Dhule Sar'Sarovar II	InterState	27/06/2019	19.16		Continued.	HT	Over Voltage
Chandrapur-II - Warora - I	InterState	01/07/2019	10.47	06/07/2019	10.03	EO	Flashover string Replacement Work.
Chakan Talegaon(Pg)	InterState	07/07/2019	09.05	07/07/2019	18.01	PO	Line Maintenance work
Khadka-Aurangabad (Waluj)	IntraState	29/06/2019	16.33		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt-II	IntraState	01/07/2019	21.50		Continued.	T	Over Voltage
New Koyna - Dabhol-I	IntraState	06/07/2019	11.21	06/07/2019	19.41	PO	Routine Maintenance And Faulty Insulator Replacement.
Koradi 2-IEPL	IntraState	06/07/2019	11.34	06/07/2019	19.11	PO	Line Maintenance work
Lonikand I - Koyna stage-IV	IntraState	07/07/2019	03.32	07/07/2019	08.53	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	07/07/2019	11.04		Continued.	HT	Over voltage at Bableshwar.
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 Are Damaged.
400/220/33 Kv 315 MVA ICT II @Chandrapur GCR	IntraState	24/06/2019	14.14		Continued.	PO	Oil Filtration Work due to High PPM.
400/220/33 Kv 500 Mva Ict-3 @Nagothane	IntraState	06/07/2019	13.35	06/07/2019	13.55	T	Tripped While Busbar Commissioning Work.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	No Schedule
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
Boisar(MS) - Boisar (PG) II	InterState	07/07/2019	06.56	07/07/2019	14.10	PO	Attend problem in CB & testing of tripping relay.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Miraj-Ichalkaranji I	IntraState	24/06/2019	12:14	07/07/2019	17.37	T	Tower Collapse.
Chandrapur GCR - Warora - I	IntraState	24/06/2019	14.01		Continued.	HT	Outage on Chandrapur ICT 2.
Badnera-Akola li	IntraState	04/07/2019	11.18		Continued.	PO	Tower Erection Work.
Versova Gorai Line	IntraState	05/07/2019	17.57	06/07/2019	09.25	T	Distance Protection
Adlabs - Pedambe	IntraState	05/07/2019	19.24	06/07/2019	13.32	T	Distance Protection
Koyna (Pophali) - Kdph	IntraState	06/07/2019	01.55	06/07/2019	15.30	T	Distance Protection
Bableshwar- Bableshwar-II	IntraState	06/07/2019	09.20	06/07/2019	14.50	PO	Replacement of Y Ph And B Ph LA Stacks.
Mahindra Vehicle-Bridgestone	IntraState	06/07/2019	09.52	06/07/2019	13.33	PO	Safety Purpose to Jumpering Work On 132KV Line.
Badnera-Akola I	IntraState	06/07/2019	11.29	06/07/2019	18.38	PO	Testing Work
Badnera-Akola li	IntraState	06/07/2019	11.30	06/07/2019	18.39	PO	Testing Work
Paras-Balapur li	IntraState	06/07/2019	11.40	06/07/2019	17.15	PO	Routine Maintenance Work
Bridgestone - Chakan II	IntraState	06/07/2019	14.30	06/07/2019	18.10	PO	Construction Work.
Boisar(M) - Ghodbunder	IntraState	07/07/2019	02.05	07/07/2019	02.59	T	Distance Protection Trip At Ghodbunder End.
Koyna (Pophali) - Kdph	IntraState	07/07/2019	05.15	07/07/2019	15.40	T	Distance Protection
Trombay MSETCL Tie 2	IntraState	07/07/2019	09.00	07/07/2019	17.22	PO	Premonsoon maintenance of line and equipment.
Boisar(M) - Ghodbunder	IntraState	07/07/2019	11.22	07/07/2019	12.50	EO	Insulator suspected inspection.
Ranjangaon-Fiat 2	IntraState	07/07/2019	11.30	07/07/2019	14.45	PO	ABT meter replacement 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 06/Jul/2019

Statement-VII

Position as on 6.30 Hrs of 07/Jul/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Ranjangaon-Fiat 1	IntraState	07/07/2019	11.30	07/07/2019	14.45	PO	ABT meter replacement work.
220 KV ICT Outages/Trippings							
200 MVA 220/132 KV ICT - 2 @VIRODA	IntraState	06/07/2019	10.10	06/07/2019	19.55	PO	Diagnostic Testing.
132 KV LINE Outages/Trippings							
Amalner - Nardhana	IntraState	23/06/2019	20.02		Continued.	T	DISTANCE PROTECTION NRD-- > Y, PHASE, IY=8.33KA, IB=8.309KA, 45.86KM 5 NO TOWERS COLLAPSED TOWER NO 9 TO 13 FROM AMALNER