

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 19/Jul/2015 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	97.537	1839.656	1) Gujrat	-0.963	72.193
2) Hydro	3.563	180.386	2) Madhya Pradesh	22.416	324.096
3) Gas	3.211	119.687	3) Chattisgarh	5.770	114.550
Total MSPGCL	104.311	2139.729	4) Maharashtra Net	108.601	1984.518
B) 1) APML	31.170	936.130	5) Goa	-5.618	-127.583
2) JSWEL	16.373	351.945	6) TAPS 1&2 Injection	2.812	54.424
3) VIPL	4.600	198.474	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.202	254.896	8) Pench (MS)	0.084	3.713
5) WPCL	2.535	59.172	9) Pench (Excess)	-0.084	-3.325
6) Other IPP	4.112	76.325	Total	132.934	2418.873
C) 1) TPCL Thermal	15.158	327.105	a) Mumbai Schedule	18.438	513.005
2) TPCL Hydro	0.379	60.544	b) Mumbai Drawl	26.831	538.917
3) TPCL Gas	0.000	62.906	c) MSEDCL Bilateral *	50.590	742.036
4) R-INFRA Thermal	9.571	188.672	Include PX	18.929	195.067
D) STATE			d) Mumbai Bilateral *	18.438	513.005
1) Thermal	186.258	4232.375	Include PX	5.288	93.138
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	3.942	240.930	H) ENERGY CATERED (MUs)		
3) Gas	3.211	182.593	1) MSEDCL	319.058	6562.335
4) Wind	44.150	702.144	2) Mumbai Discoms	51.939	1178.147
6) SOLAR	0.502	19.647	TOTAL STATE	370.997	7740.482
TOTAL STATE	238.063	5377.689			

* 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 4 Hrs
MSPGCL Thermal	4101	4087	4076	3998
MSPGCL Hydro	381	173	328	116
MSPGCL Gas	134	133	135	135
MSPGCL Total Generation	4616	4393	4539	4249
Central Sector Receipt	6050	6093	5378	4973
WIND	1731	1886	2054	1904
CPP / IPP	2698	2632	2757	2651
SOLAR	28	68	0	0
Exchange with Mumbai	-885	-1201	-1304	-880
MSEDCL DEMAND MET	14238	13871	13424	12897
Load Shedding	210	54	35	43
MSEDCL DEMAND	14448	13925	13459	12940
TPCL GENERATION	750	626	632	734
R-INFRA GENERATION	394	395	394	396
MUMBAI DEMAND	2029	2222	2330	2010
STATE DEMAND MET	16267	16093	15754	14907
STATE DEMAND	16477	16147	15789	14950
Frequency (Hz)	50.03	49.98	49.93	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 08.02 Hrs	49.81 Hz at 19.48 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 19/Jul/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	21.91	0	0
Unit 6	0.00	0.00	0	0
Unit 7	3.76	57.25	175	125
Total	3.76	79.16		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.04	67.51	175	160
Unit 4	9.18	160.20	395	365
Unit 5	9.09	173.46	385	350
Total	22.32	401.16		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.18	0	0
Unit 5	0.00	19.87	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	37.92	0	0
Total	0.00	57.96		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.46	66.05	152	135
Unit 3	4.03	81.94	176	141
Unit 4	4.06	78.38	175	160
Unit 5	9.01	141.34	380	363
Unit 6	0.00	0.00	0	0
Unit 7	8.06	163.06	377	260
Total	28.64	530.79		
Paras				
Unit 3	4.83	97.76	212	187
Unit 4	5.60	99.03	250	196
Total	10.43	196.78		
Khaparkheda				
Unit 1	3.41	66.63	165	120
Unit 2	2.96	69.11	150	90
Unit 3	3.82	74.27	169	147
Unit 4	3.66	8.13	164	140
Unit 5	9.33	189.69	420	364
Total	23.18	407.83		
Nasik				
Unit 3	4.56	87.99	200	185
Unit 4	4.65	77.98	201	185
Unit 5	0.00	0.00	0	0
Total	9.21	165.97		
Uran				
All Units	3.21	119.69	136	132
Total	3.21	119.69		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.08	3.71	23	0
Total	0.08	3.71		
Koyna				
Stage 1-2	1.48	73.78	165	40
Stage 4	0.00	54.42	0	0
Stage 3	1.15	30.46	80	0
Total	2.64	158.66		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	1.07	0	0
BHTGR/VEER	0.06	1.13	3	2
BHIRA T.R.	0.24	4.46	40	0
RNGR+BHTSA	0.23	3.28	10	9
BHANDARDRA	0.00	0.06	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	1.38	0	0
GHATGHAR	0.40	10.34	125	0
Total	0.92	21.72		
Wind				
Total	44.15	702.14	0	0
Total	44.15	702.14		
CPP				
APML(Mus)	31.17	936.13	0	0
JSWEL(Mus)	16.37	351.94	0	0
VIPL(Mus)	4.60	198.47	0	0
RPLAMT(Mus)	5.20	254.90	0	0
WPCL(Mus)	2.54	59.17	0	0
Other(Mus)	4.11	76.32	0	0
Total	63.99	1876.94		
SOLAR				
Total	0.50	19.65	0	0
Total	0.50	19.65		
Tata				
Trombay 5	9.86	208.94	491	318
Trombay 6	0.00	8.40	0	0
Trombay 7A	0.00	38.66	0	0
Trombay 7B	0.00	24.24	0	0
Trombay 8	5.30	109.76	252	199
TATA Hydro	0.38	60.54	125	0
Total	15.54	450.56		
R-INFRA				
1-2	9.57	188.67	485	393
Total	9.57	188.67		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	97.54	1839.66
MSPGCL Thml+Gas	100.75	1959.34

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	3.56	180.39
MSPGCL Total	104.31	2139.73

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.48	128.20
State Total	238.06	5377.69

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 19/Jul/2015

Annexure-2

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													
1	4031	136	136	4303	2096	2730	0	5660	5730	-1146	13713	57	13770	2355	16125	49.97
2	4012	146	136	4294	1961	2577	0	5453	5611	-1070	13373	43	13416	2206	15622	49.96
3	3999	146	135	4280	1895	2699	0	5284	5261	-975	13160	43	13203	2109	15312	50.00
4	3998	116	135	4249	1904	2651	0	5188	4973	-880	12897	43	12940	2010	14950	49.99
5	4023	61	135	4219	1718	2717	0	5187	5328	-893	13089	43	13132	1970	15102	49.97
6	4027	66	134	4227	1670	2639	0	5194	5644	-867	13313	45	13358	1991	15349	49.98
7	4088	56	134	4278	1573	2659	5	5181	6076	-807	13784	47	13831	1948	15779	49.96
8	4074	147	134	4355	1448	2570	12	5551	6593	-798	14180	98	14278	1942	16220	49.99
9	4101	381	134	4616	1731	2698	28	5435	6050	-885	14238	210	14448	2029	16477	50.03
10	4128	213	134	4475	1801	2829	41	5716	5662	-976	13832	185	14017	2115	16132	49.99
11	4128	177	132	4437	1850	2644	42	5868	6200	-1148	14025	151	14176	2203	16379	49.99
12	4137	172	133	4442	1859	2535	67	5822	6187	-1199	13891	223	14114	2216	16330	49.96
13	4087	173	133	4393	1886	2632	68	5543	6093	-1201	13871	54	13925	2222	16147	49.98
14	4038	173	132	4343	1888	2513	60	5318	5499	-1183	13120	39	13159	2202	15361	50.00
15	4071	173	132	4376	1955	2641	64	5284	5515	-1166	13385	40	13425	2188	15613	49.98
16	4076	158	133	4367	1949	2603	50	5231	5262	-1210	13021	40	13061	2145	15206	50.05
17	4085	73	133	4291	1945	2577	37	5313	5128	-1194	12784	37	12821	2106	14927	50.06
18	4083	58	133	4274	1921	2568	23	5040	4557	-1187	12156	35	12191	2099	14290	50.10
19	4073	53	133	4259	1844	2680	5	4350	4537	-1195	12130	35	12165	2122	14287	50.02
20	4050	200	134	4384	1923	2741	0	4918	5345	-1249	13144	35	13179	2293	15472	49.90
21	4076	328	135	4539	2054	2757	0	5226	5378	-1304	13424	35	13459	2330	15789	49.93
22	4075	181	133	4389	1879	2698	0	5258	5284	-1418	12832	35	12867	2362	15229	49.94
23	4080	53	134	4267	1779	2808	0	5325	5427	-1421	12860	35	12895	2391	15286	49.96
24	3997	123	134	4254	1621	2826	0	5392	5594	-1459	12836	35	12871	2385	15256	50.01
MUs	97.54	3.56	3.21	104.31	44.15	63.99	0.50	127.74	132.93	-26.83	319.06	1.64	320.70	51.94	372.64	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 19/Jul/2015

Position as on 6.30 Hrs of 20/Jul/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CENT.SECTOR	Tarapur 1	160	12/10/2014	22:39		Continued.	Refuelling work	
MSPGCL	Chandrapur Unit 6	500	09/06/2015	23.58		Continued.	COH	
MSPGCL	Nasik Unit 5	210	30/06/2015	23.50		Continued.	Annual Overhaul	
IPP	VIPL U-1	300	14/07/2015	23.58		Continued.	AOH.	
TPC-G	Trombay 7B	60	17/07/2015	20.00		Continued.	Gas Path Inspection	
TPC-G	Trombay 7A	120	17/07/2015	20.38		Continued.	Gas path Inspection and Rotor replacement	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPPL	Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
RGPPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPPL	Dabhol 3B	230	29/12/2013	06.14		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Bhusawal Unit 2	210	13/09/2014	12.43		Continued.	Economic shutdown	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Chandrapur Unit-8	500	29/03/2015	18.26		Continued.	Withdrawn	
MSPGCL	Koradi Unit-8	660	30/03/2015	20.22	19/07/2015	03.25	BLR Tripped.	
MSPGCL	Uran Unit 6	108	01/04/2015	16.35		Continued.	Gas shortage	
IPP	RPL(AMT) U-5	270	03/04/2015	14.22		Continued.	turbine Shaft Vibration high.	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
MSPGCL	Koyna STG- IV Unit - 1	250	09/06/2015	14.22		Continued.	Excitation T/F Burst	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
IPP	WPCL U-2	135	16/06/2015	00.00		Continued.	No Schdule	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
IPP	Adani U-3	660	04/07/2015	15:03		Continued.	Super heater drain leakage.	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
IPP	RPL(AMT) U-1	270	06/07/2015	00.37	19/07/2015	17.53	Furnace Pressure High	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 19/Jul/2015

Position as on 6.30 Hrs of 20/Jul/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
CPP	WPCL U-4	135	11/07/2015	06.58		Continued.	ID Fan Vibration High	
IPP	Adani U-4	660	13/07/2015	17.14		Continued.	Boiler Tube Leakage	
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown	
IPP	RPL(AMT) U-3	270	16/07/2015	18.26		Continued.	PA Fan problem	
CPP	WPCL U-1	135	18/07/2015	00.00		Continued.	FD Fan Problem.	
IPP	RPL(AMT) U-4	270	18/07/2015	18.15		Continued.	ID Fan Problem	
MSPGCL	Koradi Unit 5	200	18/07/2015	20.57		Continued.	ID Fan Problem	
MSPGCL	Uran Unit 5	108	18/07/2015	21.20		Continued.	Boiler Validity Extension	
MSPGCL	Koradi Unit-8	660	19/07/2015	08.18	20/07/2015	02.25	Due to Bypass Valve Stucked up.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Jul/2015

Statement-VII

Position as on 6.30 Hrs of 20/Jul/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Wardha PG - Aurangabad PG IV	InterState	13/07/2015	07.19		Continued.	HT	To Control Padhga-BBLR Line Loading.
400 KV LINE Outages/Trippings							
Kolhapur Mapusa I	InterState	18/07/2015	16.55	19/07/2015	11.37	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	19/07/2015	17.17		Continued.	HT	Over Voltage
Kolhapur Mapusa II	InterState	19/07/2015	18.06		Continued.	HT	Over Voltage
Akola II - Taptitanda	IntraState	20/05/2015	08.59		Continued.	HT	Ckt I and Ckt 2 new charged to control BBLSR ICT loading.
Babhaleshwar-Taptitanda ckt-I	IntraState	09/07/2015	17.30		Continued.	HT	To control Line Loading of Padghe -BBLR D/C.
Babhaleshwar-Taptitanda ckt-II	IntraState	14/07/2015	08.48		Continued.	HT	to control line loading of padgha-bblr
Nagothane - Dabhol-II	IntraState	14/07/2015	12.33		Continued.	T	Distance Protection
Babhaleshwar - Padghe-I	IntraState	16/07/2015	04.29		Continued.	T	Distance Protection
Bhusawal-Aurangabad	IntraState	18/07/2015	18.10	19/07/2015	06.51	HT	Over Voltage
karad -kolhapur-II	IntraState	18/07/2015	18.22	19/07/2015	07.04	HT	Over Voltage
Karad-Jaigad - I	IntraState	19/07/2015	00.40		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	19/07/2015	10.54	19/07/2015	11.21	T	Distance Protection
karad -kolhapur-I	IntraState	19/07/2015	15.48		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	19/07/2015	16.08		Continued.	HT	Due Y-PH String Capping.
Karad - Jaigad - II	IntraState	19/07/2015	16.49		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	19/07/2015	17.11	20/07/2015	06.43	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	19/07/2015	05.47	19/07/2015	20.48	EO	Isolator Scissor Blade replacement
400/220/33 Kv 315 MVA ICT II @Babhleshwar	IntraState	19/07/2015	14.10	19/07/2015	17.32	PO	For Relasing Air Accumulate due to Buchholz Relay.
220 KV LINE Outages/Trippings							
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and deenergising the line bet.86 to 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and deenergising the line bet.86 to 107.
REL Borivali TPC Borivali line	IntraState	10/07/2015	16.22		Continued.	T	Distance Protection
Main Bus-II @ Kharghar	IntraState	18/07/2015	10.28		Continued.	PO	Jumpering of 220KV B Bus to Isolator of 315MVA ICT-III(new)
Parli 3 (Old Gcr)-Girwali Ckt 2	IntraState	19/07/2015	08.11	19/07/2015	11.34	HT	Given in Parli Parbhani,Hingoli and Latur Area.
Mahape - Tfipl	IntraState	19/07/2015	10.43	19/07/2015	12.32	PO	Removal of Bird Nest on B/S Isolator Gantry R-Ph And.
Lamboti-Vita	IntraState	20/07/2015	05.43	20/07/2015	06.00	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/132 Kv 200 MVA ICT-I @Malegaon	IntraState	19/07/2015	01.05	19/07/2015	01.45	EO	To attend Hot Spot

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