

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Aug/2015 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	93.832	589.738	1) Gujrat	3.412	32.522
2) Hydro	4.744	43.744	2) Madhya Pradesh	6.491	65.342
3) Gas	6.509	33.222	3) Chattisgarh	4.810	28.730
Total MSPGCL	105.085	666.704	4) Maharashtra Net	66.379	442.945
B) 1) APML	41.770	260.920	5) Goa	-6.012	-35.117
2) JSWEL	23.817	153.478	6) TAPS 1&2 Injection	2.686	16.176
3) VIPL	4.601	33.670	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	14.160	86.299	8) Pench (MS)	0.100	0.646
5) WPCL	3.853	21.044	9) Pench (Excess)	0.000	-0.455
6) Other IPP	2.093	12.052	Total	77.766	550.143
C) 1) TPCL Thermal	14.641	97.249	a) Mumbai Schedule	23.377	139.570
2) TPCL Hydro	2.720	19.622	b) Mumbai Drawl	30.480	164.196
3) TPCL Gas	1.551	9.266	c) MSEDCL Bilateral *	18.723	160.634
4) R-INFRA Thermal	11.293	59.775	Include PX	-6.131	4.545
D) STATE			d) Mumbai Bilateral *	23.377	139.570
1) Thermal	210.060	1314.225	Include PX	7.605	42.176
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	7.464	63.366	H) ENERGY CATERED (MUs)		
3) Gas	8.060	42.488	1) MSEDCL	286.398	1847.060
4) Wind	42.930	221.898	2) Mumbai Discoms	60.688	350.095
6) SOLAR	0.803	5.048	TOTAL STATE	347.086	2197.155
TOTAL STATE	269.317	1647.025			

* 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 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3998	3930	3870	3902
MSPGCL Hydro	273	43	273	48
MSPGCL Gas	273	266	268	273
MSPGCL Total Generation	4544	4239	4411	4223
Central Sector Receipt	4196	3675	4373	1914
WIND	1918	1849	1348	2145
CPP / IPP	3734	3770	3811	3492
SOLAR	57	116	0	0
Exchange with Mumbai	-1562	-1557	-1331	-806
MSEDCL DEMAND MET	12887	12092	12612	10968
Load Shedding	39	39	33	38
MSEDCL DEMAND	12926	12131	12645	11006
TPCL GENERATION	948	989	885	584
R-INFRA GENERATION	515	516	518	397
MUMBAI DEMAND	3025	3062	2734	1787
STATE DEMAND MET	15912	15154	15346	12755
STATE DEMAND	15951	15193	15379	12793
Frequency (Hz)	50.02	50.00	49.99	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 06.01 Hrs	49.76 Hz at 21.08 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 06/Aug/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.26	20.19	148	110
Unit 6	0.00	0.00	0	0
Unit 7	3.53	21.58	163	140
Total	6.78	41.77		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.57	23.44	160	130
Unit 4	9.14	61.24	395	360
Unit 5	0.00	0.00	0	0
Total	12.72	84.68		
Parli				
Unit 3	0.00	0.00	0	0
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
Total	0.00	0.00		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.46	20.66	149	135
Unit 3	4.01	22.02	177	160
Unit 4	4.03	23.67	175	160
Unit 5	8.87	56.29	385	337
Unit 6	8.38	51.08	370	325
Unit 7	7.80	52.93	347	305
Total	36.55	226.66		
Paras				
Unit 3	4.55	29.31	196	182
Unit 4	4.64	29.39	199	187
Total	9.19	58.70		
Khaparkheda				
Unit 1	3.78	22.04	170	110
Unit 2	3.54	21.12	165	130
Unit 3	3.92	18.88	181	151
Unit 4	3.80	25.16	166	142
Unit 5	0.32	11.68	130	0
Total	15.36	98.90		
Nasik				
Unit 3	4.50	25.30	190	180
Unit 4	4.35	27.04	188	175
Unit 5	4.38	26.68	187	177
Total	13.23	79.02		
Uran				
All Units	6.51	33.22	276	265
Total	6.51	33.22		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.10	0.65	47	0
Total	0.10	0.65		
Koyna				
Stage 1-2	2.44	18.17	495	35
Stage 4	0.14	7.82	105	0
Stage 3	1.48	9.40	160	0
Total	4.06	35.38		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.24	0	0
TILLARI	0.18	0.74	61	0
BHTGR/VEER	0.08	0.49	4	3
BHIRA T.R.	0.32	2.02	80	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.05	1.27	16	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.06	0.36	9	0
GHATGHAR	0.00	3.24	0	0
Total	0.68	8.36		
Wind				
Total	42.93	221.90	0	0
Total	42.93	221.90		
CPP				
APML(Mus)	41.77	260.92	0	0
JSWEL(Mus)	23.82	153.48	0	0
VIPL(Mus)	4.60	33.67	0	0
RPLAMT(Mus)	14.16	86.30	0	0
WPCL(Mus)	3.85	21.04	0	0
Other(Mus)	2.09	12.05	0	0
Total	90.29	567.46		
SOLAR				
Total	0.80	5.05	0	0
Total	0.80	5.05		
Tata				
Trombay 5	9.16	63.10	483	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.55	9.27	65	64
Trombay 7B	0.00	0.00	0	0
Trombay 8	5.48	34.15	252	199
TATA Hydro	2.72	19.62	209	0
Total	18.91	126.14		
R-INFRA				
1-2	11.29	59.78	518	395
Total	11.29	59.78		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	93.83	589.74
MSPGCL Thml+Gas	100.34	622.96

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	4.74	43.74
MSPGCL Total	105.08	666.70

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.58	25.99
State Total	269.32	1647.02

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 06/Aug/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	3810	58	274	4142	2150	3506	0	3181	2913	-1129	11582	52	11634	2112	13746	50.02
2	3840	64	274	4178	2079	3468	0	2693	2421	-954	11192	38	11230	1934	13164	49.98
3	3883	59	276	4218	2163	3492	0	2640	2194	-872	11195	38	11233	1850	13083	50.02
4	3902	48	273	4223	2145	3492	0	2686	1914	-806	10968	38	11006	1787	12793	50.02
5	3851	88	273	4212	2057	3491	0	2293	2157	-811	11106	38	11144	1792	12936	50.00
6	3880	124	273	4277	1958	3676	0	2977	2506	-916	11501	39	11540	1893	13433	50.01
7	3876	211	275	4362	1932	3701	4	3734	3336	-1056	12279	39	12318	2033	14351	49.99
8	3896	198	275	4369	1798	3926	19	4338	3830	-1237	12705	39	12744	2211	14955	50.03
9	3909	155	274	4338	1899	3834	38	4575	4227	-1483	12853	39	12892	2478	15370	50.01
10	3964	236	274	4474	1834	3915	46	4788	4357	-1580	13046	39	13085	2854	15939	50.04
11	3998	273	273	4544	1918	3734	57	4865	4196	-1562	12887	39	12926	3025	15951	50.02
12	3953	132	268	4353	2027	3611	92	4396	3794	-1583	12294	39	12333	3089	15422	49.97
13	3930	43	266	4239	1849	3770	116	3439	3675	-1557	12092	39	12131	3062	15193	50.00
14	3937	93	265	4295	1906	3633	122	2869	2960	-1455	11461	34	11495	2957	14452	49.96
15	3948	88	265	4301	1929	3738	110	3175	3202	-1483	11797	33	11830	2989	14819	49.93
16	3903	43	267	4213	1763	3688	94	3197	3198	-1520	11436	33	11469	2981	14450	49.99
17	3931	115	271	4317	1884	3992	58	2963	2626	-1530	11347	33	11380	2961	14341	50.00
18	3938	198	272	4408	1793	3800	44	2593	2642	-1502	11185	33	11218	2898	14116	49.97
19	3899	657	270	4826	1609	4017	3	2497	2719	-1382	11792	33	11825	2808	14633	49.96
20	3884	323	271	4478	1346	3944	0	4062	4144	-1368	12544	33	12577	2800	15377	49.93
21	3870	273	268	4411	1348	3811	0	4516	4373	-1331	12612	33	12645	2734	15379	49.99
22	3916	327	270	4513	1267	3924	0	3677	3810	-1229	12285	33	12318	2598	14916	49.95
23	3985	579	270	4834	1163	4218	0	3390	3235	-1109	12341	33	12374	2477	14851	49.93
24	3929	359	272	4560	1113	3913	0	3549	3336	-1025	11897	33	11930	2362	14292	49.98
MUs	93.83	4.74	6.51	105.08	42.93	90.29	0.80	83.09	77.76	-30.48	286.40	0.88	287.28	60.68	347.96	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 06/Aug/2015

Position as on 6.30 Hrs of 07/Aug/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	
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	
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	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	
TPC-G	Bhira PSU	150	09/06/2015	10.53		Continued.	Stator Earth Fault	
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	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
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	
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown	
MSPGCL	Bhusawal Unit 5	500	29/07/2015	06.29		Continued.	Boiler Tube Leakage	
CPP	WPCL U-4	135	01/08/2015	21.57		Continued.	Vibration problem in ID Fan	
MSPGCL	Khaparkheda Unit 5	500	02/08/2015	04.11	06/08/2015	21.14	Boiler Tube Leakage	
IPP	RPL(AMT) U-4	270	02/08/2015	13.47	06/08/2015	09.04	Auxiliary supply failure	
IPP	RPL(AMT) U-3	270	03/08/2015	21.35	06/08/2015	04.31	Turbine Vibration High.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 06/Aug/2015

Position as on 6.30 Hrs of 07/Aug/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	Adani U-2	660	04/08/2015	00.03		Continued.	ID Fan Problem	
MSPGCL	Koradi Unit-8	660	05/08/2015	23.52	06/08/2015	01.22	Pressure bering Temp.High.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Aug/2015

Statement-VII

Position as on 6.30 Hrs of 07/Aug/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Kolhapur Mapusa II	InterState	05/08/2015	16.13	06/08/2015	06.54	HT	Over Voltage
Kolhapur Mapusa I	InterState	06/08/2015	16.42		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	07/08/2015	02.04	07/08/2015	06.47	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	20/07/2015	17.29		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	01/08/2015	12.04		Continued.	PO	Line Crossing work of 765KV A'bad-Solapur D/C By PGCIL(RFC @ 11.38 Hrs).
Babhaleshwar-Taptitanda ckt-I	IntraState	01/08/2015	12.04		Continued.	PO	Line Crossing work of 765KV A'bad-Solapur D/C By PGCIL(RFC @ 11.38 Hrs).
Bhusawal-Aurangabad	IntraState	04/08/2015	16.40		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	05/08/2015	16.05	06/08/2015	08.52	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	05/08/2015	22.10	06/08/2015	06.59	HT	Over Voltage
Chandrapur-Parali 2	IntraState	06/08/2015	10.00	06/08/2015	17.20	PO	Annual Maintenance Work
karad -kolhapur-II	IntraState	06/08/2015	16.06		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	06/08/2015	16.37		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	06/08/2015	21.46		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	06/08/2015	05.22	06/08/2015	07.11	EO	To attend Hot Spot
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	06/08/2015	07.26	06/08/2015	09.12	PO	Emergency Isolater work
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
Jejuri-Phursungi 1	IntraState	06/08/2015	09.00	06/08/2015	16.04	PO	Annual Maintenance Work
Nagothane - Ipcl	IntraState	06/08/2015	10.05	06/08/2015	17.24	PO	Annual Maintenance Work
Osmanabad - Solapur (Bale)	IntraState	06/08/2015	10.13	06/08/2015	13.32	PO	Annual Maintenance Work
Ipcl - Wadkhal 1	IntraState	06/08/2015	10.32	06/08/2015	18.13	PO	Annual Maintenance Work
Hinjawadi I- Chinchwad	IntraState	06/08/2015	11.15	06/08/2015	14.02	PO	C B Maintence work
Bableswhar- Ranjangaon	IntraState	06/08/2015	12.48	06/08/2015	16.53	PO	Insulator Replacement Work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/132Kv 200MVA ICT-II @ Mudshingi	IntraState	06/08/2015	15.40	06/08/2015	16.32	PO	Dignostic testing of c.b.
132 KV LINE Outages/Trippings							
John Deere - SPSL	IntraState	06/08/2015	11.18	06/08/2015	18.36	PO	Annual Maintenance Work

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