

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Aug/2015 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	102.829	692.567	1) Gujrat	2.946	35.468
2) Hydro	7.790	51.534	2) Madhya Pradesh	5.511	70.853
3) Gas	6.479	39.701	3) Chattisgarh	4.370	33.100
Total MSPGCL	117.098	783.802	4) Maharashtra Net	68.502	511.447
B) 1) APMIL	49.260	310.180	5) Goa	-6.224	-41.341
2) JSWEL	25.834	179.312	6) TAPS 1&2 Injection	2.670	18.846
3) VIPL	4.736	38.406	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	17.210	103.509	8) Pench (MS)	0.233	0.879
5) WPCL	3.802	24.846	9) Pench (Excess)	-0.233	-0.688
6) Other IPP	1.819	13.871	Total	77.542	627.685
C) 1) TPCL Thermal	15.485	112.734	a) Mumbai Schedule	20.119	159.689
2) TPCL Hydro	3.537	23.159	b) Mumbai Drawl	29.557	193.753
3) TPCL Gas	1.552	10.818	c) MSEDCL Bilateral *	19.922	180.556
4) R-INFRA Thermal	11.320	71.095	Include PX	-9.293	-4.748
D) STATE			d) Mumbai Bilateral *	20.119	159.689
1) Thermal	232.295	1546.520	Include PX	4.351	46.528
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	11.327	74.693	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	8.031	50.519	1) MSEDCL	298.702	2145.762
4) Wind	29.878	251.776	2) Mumbai Discoms	61.450	411.545
6) SOLAR	1.080	6.128	TOTAL STATE	360.152	2557.307
TOTAL STATE	282.611	1929.636			

* 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 4 Hrs
MSPGCL Thermal	4346	4332	4280	4239
MSPGCL Hydro	817	304	454	127
MSPGCL Gas	270	262	268	281
MSPGCL Total Generation	5433	4898	5002	4647
Central Sector Receipt	4548	3544	3899	2346
WIND	1060	1340	1362	1264
CPP / IPP	4490	4188	4093	4091
SOLAR	58	170	0	0
Exchange with Mumbai	-1395	-1608	-1349	-805
MSEDCL DEMAND MET	14194	12532	13007	11543
Load Shedding	30	30	32	30
MSEDCL DEMAND	14224	12562	13039	11573
TPCL GENERATION	724	1009	977	582
R-INFRA GENERATION	404	518	515	396
MUMBAI DEMAND	2523	3135	2841	1783
STATE DEMAND MET	16717	15667	15848	13326
STATE DEMAND	16747	15697	15880	13356
Frequency (Hz)	50.00	49.98	49.97	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 18.02 Hrs	49.83 Hz at 06.40 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 07/Aug/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.32	23.51	150	120
Unit 6	0.00	0.00	0	0
Unit 7	3.64	25.23	165	145
Total	6.97	48.74		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.78	27.22	165	150
Unit 4	9.26	70.51	450	345
Unit 5	0.00	0.00	0	0
Total	13.04	97.72		
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	3.32	23.98	149	113
Unit 3	3.96	25.98	191	149
Unit 4	4.04	27.71	176	163
Unit 5	8.70	64.99	385	345
Unit 6	8.07	59.14	355	315
Unit 7	7.71	60.65	354	294
Total	35.80	262.46		
Paras				
Unit 3	4.00	33.31	197	98
Unit 4	4.76	34.16	217	178
Total	8.76	67.46		
Khaparkheda				
Unit 1	3.86	25.91	185	125
Unit 2	3.82	24.95	185	140
Unit 3	3.49	22.37	175	0
Unit 4	4.05	29.22	178	161
Unit 5	9.69	21.38	500	190
Total	24.92	123.83		
Nasik				
Unit 3	4.52	29.81	195	185
Unit 4	4.45	31.50	191	177
Unit 5	4.37	31.05	190	175
Total	13.34	92.36		
Uran				
All Units	6.48	39.70	281	260
Total	6.48	39.70		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.23	0.88	47	0
Total	0.23	0.88		
Koyna				
Stage 1-2	3.28	21.44	475	35
Stage 4	0.95	8.77	200	0
Stage 3	1.21	10.60	160	0
Total	5.43	40.82		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.24	0	0
TILLARI	0.19	0.93	58	0
BHTGR/VEER	0.08	0.57	4	3
BHIRA T.R.	0.33	2.35	80	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.41	1.68	18	17
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.06	0.42	9	0
GHATGHAR	1.29	4.53	250	0
Total	2.36	10.72		
Wind				
Total	29.88	251.78	0	0
Total	29.88	251.78		
CPP				
APML(Mus)	49.26	310.18	0	0
JSWEL(Mus)	25.83	179.31	0	0
VIPL(Mus)	4.74	38.41	0	0
RPLAMT(Mus)	17.21	103.51	0	0
WPCL(Mus)	3.80	24.85	0	0
Other(Mus)	1.82	13.87	0	0
Total	102.66	670.12		
SOLAR				
Total	1.08	6.13	0	0
Total	1.08	6.13		
Tata				
Trombay 5	9.96	73.06	482	317
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.55	10.82	65	64
Trombay 7B	0.00	0.00	0	0
Trombay 8	5.52	39.67	250	199
TATA Hydro	3.54	23.16	233	0
Total	20.57	146.71		
R-INFRA				
1-2	11.32	71.10	518	394
Total	11.32	71.10		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	102.83	692.57
MSPGCL Thml+Gas	109.31	732.27

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.79	51.53
MSPGCL Total	117.10	783.80

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	4.22	30.21
State Total	282.61	1929.64

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 07/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	4047	147	281	4475	1202	3988	0	3158	3154	-997	11822	47	11869	2143	14012	50.00
2	4065	142	281	4488	1230	3988	0	2814	2834	-843	11697	30	11727	1956	13683	50.00
3	4120	142	281	4543	1197	3952	0	2802	2810	-811	11691	30	11721	1847	13568	50.00
4	4239	127	281	4647	1264	4091	0	2810	2346	-805	11543	30	11573	1783	13356	50.00
5	4237	86	279	4602	1103	4122	0	2787	2499	-768	11558	30	11588	1779	13367	49.96
6	4246	486	271	5003	1089	3931	0	3026	3012	-770	12265	30	12295	1872	14167	49.99
7	4244	726	268	5238	980	3917	5	3651	3688	-979	12849	30	12879	2083	14962	49.93
8	4266	681	267	5214	913	4403	30	4020	4069	-1121	13508	30	13538	2225	15763	49.99
9	4346	817	270	5433	1060	4490	58	4003	4548	-1395	14194	30	14224	2523	16747	50.00
10	4396	740	272	5408	976	4626	83	4319	3932	-1470	13555	30	13585	2892	16477	50.01
11	4468	351	272	5091	1228	4734	123	4352	3956	-1593	13539	30	13569	3096	16665	50.03
12	4376	196	262	4834	1260	4328	138	4361	3895	-1613	12842	30	12872	3146	16018	49.98
13	4332	304	262	4898	1340	4188	170	3560	3544	-1608	12532	30	12562	3135	15697	49.98
14	4300	203	262	4765	1521	4436	170	3620	2656	-1492	12056	32	12088	3003	15091	49.97
15	4297	78	260	4635	1521	4580	114	3742	3162	-1537	12475	32	12507	3049	15556	49.95
16	4323	60	260	4643	1670	4310	93	3553	3204	-1541	12379	32	12411	3046	15457	49.96
17	4286	65	264	4615	1528	3998	70	3196	2888	-1490	11609	32	11641	3004	14645	49.95
18	4257	158	267	4682	1473	4019	25	2862	2467	-1439	11227	32	11259	2946	14205	49.98
19	4263	229	266	4758	1450	4014	1	3009	2686	-1362	11547	32	11579	2859	14438	50.00
20	4280	454	268	5002	1362	4093	0	3717	3899	-1349	13007	32	13039	2841	15880	49.97
21	4322	545	271	5138	1264	4526	0	3704	3381	-1280	13029	32	13061	2767	15828	50.03
22	4387	291	271	4949	1187	4643	0	3261	3077	-1184	12672	32	12704	2656	15360	50.00
23	4383	417	272	5072	1056	4673	0	3065	2815	-1019	12597	32	12629	2465	15094	50.00
24	4349	345	271	4965	1004	4611	0	3464	3020	-1091	12509	32	12541	2335	14876	50.01
MUs	102.83	7.79	6.48	117.10	29.88	102.66	1.08	82.86	77.54	-29.56	298.70	0.76	299.46	61.45	360.91	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 07/Aug/2015

Position as on 6.30 Hrs of 08/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								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPL	Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
RGPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPL	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	
IPP	Adani U-2	660	04/08/2015	00.03		Continued.	ID Fan Problem	
MSPGCL	Koradi Unit-8	660	07/08/2015	08.04	07/08/2015	10.10	Turbine drive feed pump Tripped on high vibration	
MSPGCL	Khaparkheda Unit 3	210	07/08/2015	08.29	07/08/2015	10.07	Flame Failure	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 07/Aug/2015

Statement-VII

Position as on 6.30 Hrs of 08/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 I	InterState	06/08/2015	16.42	07/08/2015	07.12	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	07/08/2015	02.04	07/08/2015	06.47	HT	Over Voltage
Kolhapur Mapusa II	InterState	07/08/2015	16.43		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	07/08/2015	22.41		Continued.	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	07/08/2015	10.52	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	07/08/2015	07.54	HT	Over Voltage
karad -kolhapur-II	IntraState	06/08/2015	16.06	07/08/2015	07.50	HT	Over Voltage
Karad - Jaigad - II	IntraState	06/08/2015	16.37	07/08/2015	07.52	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	06/08/2015	21.46	07/08/2015	07.49	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	07/08/2015	14.07		Continued.	HT	Over Voltage
Main Bus-I @ Koradi-II	IntraState	07/08/2015	15.35		Continued.	PO	jumpering work
karad -kolhapur-II	IntraState	07/08/2015	16.25		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	07/08/2015	16.35		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	07/08/2015	17.54	08/08/2015	06.26	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva Ict 2 @Waluj	IntraState	07/08/2015	09.05		Continued.	PO	Replacement of 220kv R PH bushing & oil filtration
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
Bus section @ Kalwa	IntraState	07/08/2015	09.00	07/08/2015	10.55	PO	Annual Maintenance Work
Wada - Kolshet	IntraState	07/08/2015	10.23	07/08/2015	16.48	PO	project work at bhavagher
Babhaleshwar - Degaon Rangari	IntraState	07/08/2015	10.56	07/08/2015	19.02	PO	Annual Maintenance Work
Padghe - Nalasopara	IntraState	07/08/2015	11.13	07/08/2015	17.48	PO	Annual Maintenance Work
Karad - Kadegaon	IntraState	07/08/2015	11.26	07/08/2015	13.25	T	Distance Protection
Main Bus Section-I @ Pophali	IntraState	07/08/2015	12.40	07/08/2015	16.20	PO	Annual Maintenance Work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/132 Kv 150 MVA ICT @Boisar-II	IntraState	07/08/2015	08.50	07/08/2015	09.30	PO	Bird nest remove
220/132 Kv 200 Mva Cgl Ict 1 @Boisar-I	IntraState	07/08/2015	09.35	07/08/2015	10.11	PO	Bird nest remove

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