

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Aug/2015 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	76.799	1338.384	1) Gujrat	10.042	98.937
2) Hydro	7.809	98.124	2) Madhya Pradesh	12.932	155.292
3) Gas	6.533	85.808	3) Chattisgarh	5.320	65.930
Total MSPGCL	91.141	1522.316	4) Maharashtra Net	87.843	1127.366
B) 1) APML	48.270	649.680	5) Goa	-6.259	-85.233
2) JSWEL	26.680	364.562	6) TAPS 1&2 Injection	2.607	37.294
3) VIPL	9.491	79.321	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	17.020	225.969	8) Pench (MS)	0.696	3.068
5) WPCL	3.762	45.702	9) Pench (Excess)	-0.696	-2.022
6) Other IPP	0.860	26.400	Total	111.789	1397.564
C) 1) TPCL Thermal	15.787	220.754	a) Mumbai Schedule	23.139	313.996
2) TPCL Hydro	4.298	50.682	b) Mumbai Drawl	27.128	369.189
3) TPCL Gas	1.453	21.561	c) MSEDCL Bilateral *	26.139	383.412
4) R-INFRA Thermal	11.656	151.709	Include PX	-1.045	8.102
D) STATE			d) Mumbai Bilateral *	23.139	313.996
1) Thermal	210.325	3102.481	Include PX	1.948	83.649
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	12.107	148.806	H) ENERGY CATERED (MUs)		
3) Gas	7.986	107.369	1) MSEDCL	306.299	4345.107
4) Wind	23.462	390.153	2) Mumbai Discoms	60.322	813.876
6) SOLAR	0.952	12.629	TOTAL STATE	366.621	5158.983
TOTAL STATE	254.832	3761.438			

* 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 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	3345	3342	3019	3205
MSPGCL Hydro	679	431	604	73
MSPGCL Gas	270	270	270	286
MSPGCL Total Generation	4294	4043	3893	3564
Central Sector Receipt	5007	4893	5273	3958
WIND	788	909	1146	905
CPP / IPP	4987	4547	4132	4321
SOLAR	129	125	0	0
Exchange with Mumbai	-1564	-1625	-1220	-674
MSEDCL DEMAND MET	13641	12892	13224	12074
Load Shedding	27	27	24	26
MSEDCL DEMAND	13668	12919	13248	12100
TPCL GENERATION	1010	979	1055	656
R-INFRA GENERATION	516	517	518	423
MUMBAI DEMAND	3090	3121	2793	1753
STATE DEMAND MET	16731	16013	16017	13827
STATE DEMAND	16758	16040	16041	13853
Frequency (Hz)	49.97	49.97	49.84	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 18.02 Hrs	49.71 Hz at 21.08 Hrs	49.93	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 14/Aug/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	42.78	0	0
Unit 6	0.00	0.00	0	0
Unit 7	4.04	51.84	175	152
Total	4.04	94.63		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.94	54.28	170	150
Unit 4	0.00	125.89	0	0
Unit 5	0.00	0.00	0	0
Total	3.94	180.16		
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	2.76	45.48	128	105
Unit 3	2.56	41.51	146	0
Unit 4	3.25	52.52	149	125
Unit 5	7.33	121.39	340	260
Unit 6	7.44	108.30	360	250
Unit 7	6.68	110.90	330	215
Total	30.02	480.10		
Paras				
Unit 3	4.50	64.60	213	162
Unit 4	4.66	66.08	250	153
Total	9.16	130.67		
Khaparkheda				
Unit 1	0.00	46.00	0	0
Unit 2	2.55	45.95	125	80
Unit 3	2.84	46.16	127	105
Unit 4	2.87	53.54	135	113
Unit 5	7.55	85.56	372	250
Total	15.81	277.20		
Nasik				
Unit 3	4.64	61.80	200	185
Unit 4	4.61	63.14	200	176
Unit 5	4.58	50.67	201	183
Total	13.83	175.61		
Uran				
All Units	6.53	85.81	286	262
Total	6.53	85.81		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.70	3.07	34	0
Total	0.70	3.07		
Koyna				
Stage 1-2	2.94	40.12	380	40
Stage 4	0.92	15.41	450	0
Stage 3	1.20	18.94	160	0
Total	5.06	74.47		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.44	0	0
TILLARI	0.18	1.78	60	0
BHTGR/VEER	0.06	1.08	3	2
BHIRA T.R.	0.38	5.07	80	0
RNGR+BHTSA	0.00	0.17	0	0
BHANDARDRA	0.49	2.76	21	20
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.14	1.06	13	3
GHATGHAR	1.50	11.28	250	0
Total	2.75	23.65		
Wind				
Total	23.46	390.15	0	0
Total	23.46	390.15		
CPP				
APML(Mus)	48.27	649.68	0	0
JSWEL(Mus)	26.68	364.56	0	0
VIPL(Mus)	9.49	79.32	0	0
RPLAMT(Mus)	17.02	225.97	0	0
WPCL(Mus)	3.76	45.70	0	0
Other(Mus)	0.86	26.40	0	0
Total	106.08	1391.63		
SOLAR				
Total	0.95	12.63	0	0
Total	0.95	12.63		
Tata				
Trombay 5	10.08	141.68	477	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.45	21.56	65	37
Trombay 7B	0.00	0.00	0	0
Trombay 8	5.71	79.08	250	202
TATA Hydro	4.30	50.68	271	72
Total	21.54	293.00		
R-INFRA				
1-2	11.66	151.71	518	396
Total	11.66	151.71		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	76.80	1338.38
MSPGCL Thml+Gas	83.33	1424.19

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.81	98.12
MSPGCL Total	91.14	1522.32

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	3.86	55.53
State Total	254.83	3761.44

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 14/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	3207	134	263	3604	1100	4099	0	4135	4546	-897	12452	36	12488	2071	14559	49.90
2	3220	83	262	3565	1026	3980	0	4075	4518	-773	12316	26	12342	1904	14246	49.89
3	3162	78	267	3507	1058	4134	0	3731	4122	-680	12141	26	12167	1809	13976	49.91
4	3174	88	269	3531	1007	4161	0	3678	4131	-659	12171	26	12197	1754	13951	49.97
5	3205	73	286	3564	905	4321	0	3878	3958	-674	12074	26	12100	1753	13853	49.97
6	3237	118	286	3641	788	4573	0	4190	4140	-615	12527	27	12554	1862	14416	49.91
7	3281	386	283	3950	721	4721	1	4593	4917	-649	13661	27	13688	2013	15701	49.89
8	3347	483	283	4113	677	4833	16	4691	5194	-737	14096	27	14123	2192	16315	49.93
9	3261	677	272	4210	731	4865	45	4803	5234	-980	14105	27	14132	2496	16628	49.95
10	3325	695	270	4290	811	4895	85	4802	5028	-1313	13796	27	13823	2837	16660	49.90
11	3345	679	270	4294	788	4987	129	4800	5007	-1564	13641	27	13668	3090	16758	49.97
12	3363	578	270	4211	891	4808	122	5145	5016	-1606	13442	27	13469	3133	16602	49.99
13	3342	431	270	4043	909	4547	125	4880	4893	-1625	12892	27	12919	3121	16040	49.97
14	3317	206	270	3793	1109	4291	109	4529	4950	-1419	12833	23	12856	2934	15790	49.92
15	3332	145	265	3742	1288	4261	95	4528	4539	-1460	12465	22	12487	2980	15467	49.86
16	3273	145	268	3686	1235	4331	113	4536	4819	-1485	12699	22	12721	2982	15703	49.93
17	3250	85	269	3604	1411	4259	79	4459	4277	-1515	12115	22	12137	2962	15099	49.97
18	3158	65	270	3493	1395	4117	29	3785	3966	-1431	11569	22	11591	2876	14467	49.98
19	3094	90	272	3456	1258	4220	4	3883	3992	-1349	11581	22	11603	2778	14381	49.96
20	3019	604	270	3893	1146	4132	0	4516	5273	-1220	13224	24	13248	2793	16041	49.84
21	2976	896	272	4144	942	4191	0	4564	4755	-1130	12902	24	12926	2690	15616	49.90
22	2899	465	274	3638	877	4340	0	4445	4818	-1055	12618	24	12642	2560	15202	49.86
23	2937	200	276	3413	749	4565	0	4492	4833	-1146	12414	24	12438	2433	14871	49.92
24	3075	405	276	3756	640	4452	0	4373	4863	-1146	12565	24	12589	2299	14888	49.96
MUs	76.80	7.81	6.53	91.14	23.46	106.08	0.95	105.51	111.79	-27.13	306.30	0.61	306.91	60.32	367.23	49.93

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 14/Aug/2015

Position as on 6.30 Hrs of 15/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	
TPC-G	Trombay 7B	60	17/07/2015	20.00		Continued.	Gas Path Inspection	
MSPGCL	Bhusawal Unit 5	500	29/07/2015	06.29		Continued.	Annual Overhaul	
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	
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 5	200	13/08/2015	09.04		Continued.	water lodged at ht cooler booster pump	
MSPGCL	Koradi Unit-8	660	13/08/2015	10.13		Continued.	Coal mill problem	
MSPGCL	Khaparkheda Unit 1	210	13/08/2015	17.18		Continued.	Coal bunkering problem	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 14/Aug/2015

Position as on 6.30 Hrs of 15/Aug/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 4	500	13/08/2015	19.30		Continued.	water wall leakage	
MSPGCL	Chandrapur Unit 3	210	14/08/2015	19.39	15/08/2015	01.02	Drum Level High Protection.	
IPP	RPL(AMT) U-4	270	15/08/2015	15.57		Continued.	Generator abnormal sound	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Aug/2015

Statement-VII

Position as on 6.30 Hrs of 15/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	13/08/2015	16.16	14/08/2015	06.42	HT	Over Voltage
Dhule Khandwa II	InterState	14/08/2015	15.02	14/08/2015	22.40	PO	Commissioning of CSD Relay Tripped During Charging on O/V.
Kolhapur Mapusa I	InterState	14/08/2015	16.20		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	14/08/2015	18.50	15/08/2015	07.23	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	15/08/2015	16.09		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).
Koradi-India Bulls	IntraState	12/08/2015	09.36	14/08/2015	09.45	PO	Line Maintenance work
Lonikand I - Koyna stage-IV	IntraState	13/08/2015	12.09	14/08/2015	06.26	PO	Disc Insulator Replacement Work
karad -kolhapur-I	IntraState	13/08/2015	16.07	14/08/2015	08.15	HT	Over Voltage
Karad-Jaigad - I	IntraState	13/08/2015	16.36	14/08/2015	09.18	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	13/08/2015	17.06	14/08/2015	06.38	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	14/08/2015	09.32		Continued.	HT	To Control Padghe-Bbblsr-II Line Loading.
Babhaleshwar - Padghe-I	IntraState	14/08/2015	09.37	14/08/2015	19.18	PO	Insulator String Replacement & R.M.Work.
karad -kolhapur-II	IntraState	14/08/2015	16.08		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	14/08/2015	16.36		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	14/08/2015	17.12		Continued.	HT	Over Voltage
Lonikand 1 -Jejuri	IntraState	15/08/2015	02.03	15/08/2015	02.51	T	Distance Protection
Lonikand I - Koyna stage-IV	IntraState	15/08/2015	03.08		Continued.	HT	Over Voltage
Lonikand 1 -Jejuri	IntraState	15/08/2015	11.48	15/08/2015	19.42	EO	Replacement of Insulator String
Padghe - Nagothane - I	IntraState	15/08/2015	18.09		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
Vasai Boiser(PG)	InterState	14/08/2015	12.31	14/08/2015	14.37	EO	For CT Jumper Replacement Work.
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
Boisar Versova Line	IntraState	14/08/2015	05.59	14/08/2015	08.38	HT	For Line Loading & Boisar PG Outage.
Boisar(M) - Ghodbunder	IntraState	14/08/2015	06.10	14/08/2015	08.37	HT	For Line Loading & Boisar PG Outage.
Boisar II - PGCIL II	IntraState	14/08/2015	06.15	14/08/2015	08.29	PO	Hot Spot & Maintenance Work.
Pedambe-Nerle	IntraState	14/08/2015	08.20	14/08/2015	16.40	PO	Replacement of Broken Conductor of CT.
Parli 3 (Old Gcr)-Osmanabad	IntraState	14/08/2015	10.45	14/08/2015	13.50	PO	Fixing of Pilot Insulator to all Phases.
Deepnagar Amalner	IntraState	14/08/2015	11.38	14/08/2015	13.04	PO	Line Signiture Testing Work.
Amalner-Bambhori	IntraState	14/08/2015	13.09	14/08/2015	14.24	PO	Line Signiture Testing Work.
Butibori-Abhijeet	IntraState	14/08/2015	14.14	14/08/2015	16.04	PO	Replacement of TB of Y Ph CB Pole.
Dondaicha(220)-Amalner(220)	IntraState	14/08/2015	14.38	14/08/2015	15.32	PO	Line Signiture Testing Work.
Kalwa-Salsette-IV	IntraState	15/08/2015	07.18	15/08/2015	17.29	PO	Attending Hot Spot
Kalwa-Salsette-VI	IntraState	15/08/2015	08.05	15/08/2015	16.23	PO	Attending Hot Spot

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 14/Aug/2015

Statement-VII

Position as on 6.30 Hrs of 15/Aug/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Padghe - Vasai-II	IntraState	15/08/2015	08.35		Continued.	PO	Removal of Jumper & bunching work at Loc.No.51/1&35(Charged upto Loc.No/51/1 from Padgha end only)
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 Cgl Ict 1 @Boisar-Ii	IntraState	14/08/2015	09.42	14/08/2015	21.55	PO	Diff. Relay Replacement & Testing Work.

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