

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Aug/2015 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	86.985	1261.585	1) Gujrat	9.830	88.895
2) Hydro	4.039	90.315	2) Madhya Pradesh	12.878	142.360
3) Gas	6.544	79.275	3) Chattisgarh	4.610	60.610
Total MSPGCL	97.568	1431.175	4) Maharashtra Net	87.703	1039.523
B) 1) APML	48.220	601.410	5) Goa	-6.127	-78.974
2) JSWEL	26.730	337.882	6) TAPS 1&2 Injection	2.620	34.687
3) VIPL	4.868	69.830	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	17.160	208.949	8) Pench (MS)	0.701	2.372
5) WPCL	3.812	41.940	9) Pench (Excess)	0.000	-1.326
6) Other IPP	1.542	25.540	Total	111.514	1285.775
C) 1) TPCL Thermal	15.560	204.967	a) Mumbai Schedule	22.276	290.857
2) TPCL Hydro	3.727	46.384	b) Mumbai Drawl	27.290	342.061
3) TPCL Gas	1.548	20.108	c) MSEDCL Bilateral *	31.493	357.273
4) R-INFRA Thermal	11.458	140.053	Include PX	3.315	9.146
D) STATE			d) Mumbai Bilateral *	22.276	290.857
1) Thermal	216.335	2892.156	Include PX	6.116	81.700
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	7.766	136.699	H) ENERGY CATERED (MUs)		
3) Gas	8.092	99.383	1) MSEDCL	310.550	4038.808
4) Wind	25.765	366.691	2) Mumbai Discoms	59.580	753.554
6) SOLAR	0.661	11.677	TOTAL STATE	370.130	4792.362
TOTAL STATE	258.619	3506.606			

* 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	3506	3537	3454	3770
MSPGCL Hydro	216	145	509	72
MSPGCL Gas	272	272	271	274
MSPGCL Total Generation	3994	3954	4234	4116
Central Sector Receipt	5751	5400	4889	3562
WIND	1197	1255	954	893
CPP / IPP	4481	4089	4639	3967
SOLAR	54	87	0	0
Exchange with Mumbai	-1534	-1564	-1279	-642
MSEDCL DEMAND MET	13943	13221	13437	11896
Load Shedding	28	28	24	27
MSEDCL DEMAND	13971	13249	13461	11923
TPCL GENERATION	1012	993	1000	696
R-INFRA GENERATION	511	517	518	397
MUMBAI DEMAND	3057	3074	2797	1735
STATE DEMAND MET	17000	16295	16234	13631
STATE DEMAND	17028	16323	16258	13658
Frequency (Hz)	49.98	49.90	49.75	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 15.01 Hrs	49.64 Hz at 19.34 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 13/Aug/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	1.38	42.78	160	0
Unit 6	0.00	0.00	0	0
Unit 7	3.77	47.81	167	150
Total	5.15	90.59		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.04	50.34	175	155
Unit 4	7.52	125.89	470	0
Unit 5	0.00	0.00	0	0
Total	11.56	176.22		
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	2.98	42.73	133	103
Unit 3	3.16	38.95	165	105
Unit 4	3.28	49.27	154	115
Unit 5	7.47	114.06	346	250
Unit 6	6.74	100.86	335	250
Unit 7	6.61	104.22	311	241
Total	30.25	450.08		
Paras				
Unit 3	4.79	60.10	212	161
Unit 4	4.91	61.42	235	192
Total	9.70	121.52		
Khaparkheda				
Unit 1	2.11	46.00	140	0
Unit 2	2.45	43.40	125	85
Unit 3	3.13	43.31	161	116
Unit 4	2.93	50.66	138	110
Unit 5	8.86	78.02	395	330
Total	19.48	261.39		
Nasik				
Unit 3	4.56	57.16	200	175
Unit 4	4.42	58.53	194	170
Unit 5	1.87	46.09	188	0
Total	10.86	161.78		
Uran				
All Units	6.54	79.28	276	270
Total	6.54	79.28		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.70	2.37	53	0
Total	0.70	2.37		
Koyna				
Stage 1-2	2.02	37.19	385	40
Stage 4	0.00	14.49	0	0
Stage 3	0.31	17.74	124	0
Total	2.33	69.42		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.44	0	0
TILLARI	0.17	1.61	58	0
BHTGR/VEER	0.08	1.02	4	3
BHIRA T.R.	0.40	4.69	80	0
RNGR+BHTSA	0.17	0.17	15	0
BHANDARDRA	0.50	2.27	32	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.12	0.92	12	2
GHATGHAR	0.27	9.78	125	0
Total	1.71	20.90		
Wind				
Total	25.76	366.69	0	0
Total	25.76	366.69		
CPP				
APML(Mus)	48.22	601.41	0	0
JSWEL(Mus)	26.73	337.88	0	0
VIPL(Mus)	4.87	69.83	0	0
RPLAMT(Mus)	17.16	208.95	0	0
WPCL(Mus)	3.81	41.94	0	0
Other(Mus)	1.54	25.54	0	0
Total	102.33	1285.55		
SOLAR				
Total	0.66	11.68	0	0
Total	0.66	11.68		
Tata				
Trombay 5	9.93	131.60	477	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.55	20.11	65	61
Trombay 7B	0.00	0.00	0	0
Trombay 8	5.63	73.36	251	201
TATA Hydro	3.73	46.38	228	36
Total	20.84	271.46		
R-INFRA				
1-2	11.46	140.05	520	395
Total	11.46	140.05		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	86.98	1261.58
MSPGCL Thml+Gas	93.53	1340.86

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	4.04	90.32
MSPGCL Total	97.57	1431.18

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.02	51.68
State Total	258.62	3506.61

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/Aug/2015

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	3908	63	274	4245	578	4311	0	4240	4286	-1001	12419	37	12456	2063	14519	49.91
2	3888	72	276	4236	744	4064	0	4054	4140	-871	12313	27	12340	1885	14225	49.93
3	3764	91	275	4130	895	3892	0	3776	4000	-726	12191	27	12218	1783	14001	49.99
4	3772	166	275	4213	828	3947	0	3609	3738	-642	12084	27	12111	1721	13832	49.93
5	3770	72	274	4116	893	3967	0	3886	3562	-642	11896	27	11923	1735	13658	49.98
6	3748	83	274	4105	970	3987	0	4260	4269	-728	12603	28	12631	1832	14463	49.97
7	3741	153	274	4168	941	4285	2	4825	4847	-842	13401	28	13429	1972	15401	49.94
8	3724	81	273	4078	1080	4594	29	4845	5055	-969	13867	28	13895	2144	16039	49.96
9	3825	276	272	4373	1298	4646	61	5079	4595	-1022	13951	28	13979	2455	16434	49.97
10	3670	206	273	4149	1325	4637	49	5502	5003	-1295	13868	28	13896	2817	16713	49.97
11	3506	216	272	3994	1197	4481	54	5754	5751	-1534	13943	28	13971	3057	17028	49.98
12	3468	132	272	3872	1281	4184	76	5481	5913	-1559	13767	28	13795	3083	16878	49.92
13	3537	145	272	3954	1255	4089	87	5166	5400	-1564	13221	28	13249	3074	16323	49.90
14	3650	97	274	4021	1203	4110	79	5120	4864	-1411	12866	24	12890	2918	15808	49.96
15	3701	79	274	4054	1106	4082	91	5202	4911	-1376	12868	23	12891	2883	15774	49.93
16	3668	90	272	4030	1289	4060	65	5190	4948	-1388	13004	23	13027	2891	15918	50.02
17	3640	80	272	3992	1444	3909	52	4853	4688	-1405	12680	23	12703	2891	15594	49.91
18	3615	80	273	3968	1254	4041	15	3958	4103	-1440	11941	23	11964	2861	14825	49.99
19	3570	93	272	3935	1224	4316	1	4256	4127	-1341	12262	23	12285	2770	15055	49.95
20	3454	509	271	4234	954	4639	0	4687	4889	-1279	13437	24	13461	2797	16258	49.75
21	3419	425	270	4114	946	4700	0	4710	4780	-1154	13386	24	13410	2684	16094	49.85
22	3392	323	270	3985	895	4718	0	4515	4535	-1124	13009	24	13033	2597	15630	49.86
23	3287	264	270	3821	986	4407	0	4564	4415	-1049	12580	24	12604	2439	15043	49.91
24	3268	243	270	3781	1179	4266	0	3980	4695	-928	12993	24	13017	2231	15248	49.93
MUs	86.98	4.04	6.54	97.57	25.76	102.33	0.66	111.51	111.51	-27.29	310.55	0.63	311.18	59.58	370.76	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 13/Aug/2015

Position as on 6.30 Hrs of 14/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.	Refueling work	
IPP	VIPL U-1	300	14/07/2015	23.58	13/08/2015	23.28	AOH.	
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	Nasik Unit 5	210	12/08/2015	19.58	13/08/2015	12.43	Due to Hydrogen Gas Leakage.	
MSPGCL	Koradi Unit 5	200	13/08/2015	09.04		Continued.	water lodged at ht cooler booster pump	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 13/Aug/2015

Position as on 6.30 Hrs of 14/Aug/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit-8	660	13/08/2015	10.13		Continued.	Coal mill broblem	
MSPGCL	Khaparkheda Unit 1	210	13/08/2015	17.18		Continued.	Coal bunkering problem	
MSPGCL	Bhusawal Unit 4	500	13/08/2015	19.30		Continued.	water wall leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 13/Aug/2015

Statement-VII

Position as on 6.30 Hrs of 14/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	12/08/2015	17.12	13/08/2015	09.23	HT	Over Voltage
Koradi Bhilai	InterState	13/08/2015	06.14		Continued.	PO	sucefull indication koradi y ph d/p
Kolhapur Mapusa II	InterState	13/08/2015	16.16	14/08/2015	06.42	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		Continued.	PO	Line Maintenance work
karad -kolhapur-II	IntraState	12/08/2015	16.53	13/08/2015	07.37	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	12/08/2015	17.54	13/08/2015	08.28	HT	Over Voltage
Karad - Jaigad - II	IntraState	12/08/2015	23.40	13/08/2015	08.45	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	13/08/2015	02.03	13/08/2015	06.43	HT	Over Voltage
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		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	13/08/2015	16.36		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	13/08/2015	17.06	14/08/2015	06.38	HT	Over Voltage
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
Osmanabad - Solapur (Bale)	IntraState	12/08/2015	11.30	13/08/2015	08.01	HT	For Availing Outage On Lamboti Bale Ckt-2.
Bableswhar- Alephata	IntraState	13/08/2015	06.07		Continued.	HT	overloading of bblr ict
Bableswhar- Ranjangaon	IntraState	13/08/2015	06.50	13/08/2015	17.27	HT	overloading of bblr ict
Jejuri-Phursungi 2	IntraState	13/08/2015	09.05	13/08/2015	17.27	PO	Half yearly maintenance work
Bus Section @ VSNL	IntraState	13/08/2015	10.19	13/08/2015	16.32	PO	Half yearly maintenance work
Baramati- Kalyani	IntraState	13/08/2015	11.45	13/08/2015	15.55	PO	Testing Work
Ranjangaon-Fiat 2	IntraState	13/08/2015	13.50	13/08/2015	16.13	PO	Bay maintance work
Pedhambe - Oni	IntraState	13/08/2015	15.08	13/08/2015	15.38	T	Distance Protection
Nerul - Sonkhar	IntraState	13/08/2015	18.45	13/08/2015	18.46	PO	HV side breaker stuck
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
132 KV LINE Outages/Trippings							
Sppl - Sanaswadi	IntraState	13/08/2015	10.00	13/08/2015	21.40	PO	repalce C & R panel of sanaswadi bay

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