

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Aug/2015 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	76.987	1494.005	1) Gujrat	13.387	125.004
2) Hydro	4.435	110.365	2) Madhya Pradesh	14.220	182.459
3) Gas	6.616	98.996	3) Chattisgarh	4.200	73.850
Total MSPGCL	88.038	1703.366	4) Maharashtra Net	73.436	1271.471
B) 1) APML	54.350	746.860	5) Goa	-5.460	-95.704
2) JSWEL	25.208	413.517	6) TAPS 1&2 Injection	2.577	42.459
3) VIPL	10.950	99.449	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	15.570	257.029	8) Pench (MS)	0.750	4.600
5) WPCL	3.408	52.479	9) Pench (Excess)	-0.750	-3.554
6) Other IPP	1.403	29.854	Total	101.610	1595.985
C) 1) TPCL Thermal	16.087	249.951	a) Mumbai Schedule	18.896	352.019
2) TPCL Hydro	1.688	54.303	b) Mumbai Drawl	19.002	411.964
3) TPCL Gas	1.525	24.458	c) MSEDCL Bilateral *	24.636	430.423
4) R-INFRA Thermal	11.748	172.949	Include PX	-0.962	5.422
D) STATE			d) Mumbai Bilateral *	18.896	352.019
1) Thermal	215.711	3516.093	Include PX	0.000	83.649
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	6.123	164.668	H) ENERGY CATERED (MUs)		
3) Gas	8.141	123.454	1) MSEDCL	302.492	4933.341
4) Wind	19.709	431.779	2) Mumbai Discoms	50.047	913.604
6) SOLAR	1.248	14.987	TOTAL STATE	352.539	5846.945
TOTAL STATE	250.932	4250.981			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 2 Hrs
MSPGCL Thermal	3389	3309	3043	3241
MSPGCL Hydro	389	352	188	193
MSPGCL Gas	276	277	276	276
MSPGCL Total Generation	4054	3938	3507	3710
Central Sector Receipt	4932	4514	4572	3678
WIND	868	1006	1026	576
CPP / IPP	4814	5052	4916	3936
SOLAR	109	152	0	0
Exchange with Mumbai	-704	-861	-842	-905
MSEDCL DEMAND MET	14073	13801	13179	10995
Load Shedding	26	26	25	24
MSEDCL DEMAND	14099	13827	13204	11019
TPCL GENERATION	930	895	979	583
R-INFRA GENERATION	517	517	518	395
MUMBAI DEMAND	2151	2273	2339	1883
STATE DEMAND MET	16224	16074	15518	12878
STATE DEMAND	16250	16100	15543	12902
Frequency (Hz)	49.93	49.97	49.94	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 17:05 Hrs	49.71 Hz at 21:08 Hrs	49.96	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 16/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	3.88	59.54	170	150
Total	3.88	102.33		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.01	62.16	180	155
Unit 4	0.00	125.89	0	0
Unit 5	0.00	0.00	0	0
Total	4.01	188.06		
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	51.11	137	113
Unit 3	3.63	48.58	169	128
Unit 4	2.55	58.95	178	0
Unit 5	7.58	136.51	355	280
Unit 6	7.14	122.50	335	260
Unit 7	6.92	123.93	372	242
Total	30.80	541.58		
Paras				
Unit 3	4.64	73.40	212	161
Unit 4	4.66	75.36	223	180
Total	9.29	148.76		
Khaparkheda				
Unit 1	0.72	46.72	120	0
Unit 2	3.04	52.06	145	120
Unit 3	3.09	52.43	150	116
Unit 4	1.81	58.72	148	0
Unit 5	7.16	101.20	340	243
Total	15.82	311.12		
Nasik				
Unit 3	4.66	70.98	205	185
Unit 4	4.58	72.16	203	172
Unit 5	3.94	59.01	198	0
Total	13.19	202.15		
Uran				
All Units	6.62	99.00	279	273
Total	6.62	99.00		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.75	4.60	53	20
Total	0.75	4.60		
Koyna				
Stage 1-2	2.01	44.98	265	40
Stage 4	0.00	16.45	0	0
Stage 3	0.91	21.34	160	0
Total	2.92	82.77		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.44	0	0
TILLARI	0.00	1.94	0	0
BHTGR/VEER	0.06	1.20	3	2
BHIRA T.R.	0.28	5.64	60	0
RNGR+BHTSA	0.00	0.17	0	0
BHANDARDRA	0.47	3.71	34	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.13	1.32	13	2
GHATGHAR	0.58	13.18	125	0
Total	1.52	27.60		
Wind				
Total	19.71	431.78	0	0
Total	19.71	431.78		
CPP				
APML(Mus)	54.35	746.86	0	0
JSWEL(Mus)	25.21	413.52	0	0
VIPL(Mus)	10.95	99.45	0	0
RPLAMT(Mus)	15.57	257.03	0	0
WPCL(Mus)	3.41	52.48	0	0
Other(Mus)	1.40	29.85	0	0
Total	110.89	1599.19		
SOLAR				
Total	1.25	14.99	0	0
Total	1.25	14.99		
Tata				
Trombay 5	10.38	159.82	489	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.52	24.46	65	58
Trombay 7B	0.00	0.00	0	0
Trombay 8	5.71	90.13	251	201
TATA Hydro	1.69	54.30	179	0
Total	19.30	328.71		
R-INFRA				
1-2	11.75	172.95	519	393
Total	11.75	172.95		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	76.99	1494.00
MSPGCL Thml+Gas	83.60	1593.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	4.44	110.36
MSPGCL Total	88.04	1703.37

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.01	61.43
State Total	250.93	4250.98

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 16/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	3284	188	276	3748	699	4005	0	3500	3984	-1046	11390	36	11426	2036	13462	49.94
2	3241	193	276	3710	576	3936	0	3340	3678	-905	10995	24	11019	1883	12902	49.95
3	3255	133	276	3664	629	3999	0	3639	3785	-823	11254	24	11278	1799	13077	50.00
4	3208	63	276	3547	644	3775	0	3774	4041	-759	11248	24	11272	1736	13008	49.97
5	3255	63	276	3594	704	3817	0	3831	4173	-735	11553	24	11577	1715	13292	49.93
6	3313	63	276	3652	709	3941	0	3958	4156	-724	11734	26	11760	1783	13543	49.98
7	3423	88	279	3790	731	4375	6	4114	4084	-611	12375	26	12401	1806	14207	50.00
8	3412	83	279	3774	666	4562	41	4438	4798	-585	13256	26	13282	1879	15161	49.95
9	3427	313	278	4018	736	4715	83	4200	4909	-653	13808	26	13834	2009	15843	49.98
10	3389	389	276	4054	868	4814	109	4366	4932	-704	14073	26	14099	2151	16250	49.93
11	3384	423	276	4083	835	4889	162	4357	4414	-804	13579	26	13605	2269	15874	49.97
12	3281	444	274	3999	864	5000	175	4258	4443	-822	13659	26	13685	2284	15969	49.93
13	3309	352	277	3938	1006	5052	152	4318	4514	-861	13801	26	13827	2273	16100	49.97
14	3236	195	273	3704	874	4903	151	4118	4333	-823	13142	26	13168	2214	15382	49.97
15	3274	185	274	3733	915	5044	146	4174	4417	-813	13442	24	13466	2188	15654	49.98
16	3139	94	274	3507	971	4936	104	4182	4414	-742	13190	24	13214	2149	15363	49.98
17	3114	84	274	3472	987	4981	75	3853	4254	-745	13024	24	13048	2122	15170	49.97
18	3176	94	273	3543	929	4937	35	3264	3257	-796	11905	24	11929	2127	14056	50.01
19	3200	89	275	3564	993	4595	9	3685	3323	-754	11730	24	11754	2179	13933	49.93
20	3130	344	275	3749	1055	4767	0	4178	4292	-825	13038	25	13063	2314	15377	49.87
21	3043	188	276	3507	1026	4916	0	4262	4572	-842	13179	25	13204	2339	15543	49.94
22	2888	144	275	3307	875	4962	0	3771	3859	-850	12153	25	12178	2328	14506	49.91
23	2770	144	276	3190	743	4993	0	4101	4342	-936	12332	25	12357	2273	14630	49.95
24	2836	79	276	3191	674	4975	0	4216	4636	-844	12632	25	12657	2194	14851	49.94
MUs	76.99	4.43	6.62	88.04	19.71	110.89	1.25	95.90	101.61	-19.00	302.49	0.61	303.10	50.05	353.15	49.96

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 16/Aug/2015

Position as on 6.30 Hrs of 17/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	16/08/2015	15.42	Coal bunkering problem	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 16/Aug/2015

Position as on 6.30 Hrs of 17/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	17/08/2015	01.53	water wall leakage	
IPP	RPL(AMT) U-4	270	15/08/2015	15.57		Continued.	Generator abnormal sound	
MSPGCL	Khaparkheda Unit 4	210	16/08/2015	13.10		Continued.	Turbine bearing Vabration high	
MSPGCL	Chandrapur Unit 4	210	16/08/2015	15.05	16/08/2015	23.17	Turbine Trip	
MSPGCL	Nasik Unit 5	210	16/08/2015	21.50		Continued.	Economizer Tube Leakage.	
MSPGCL	Khaparkheda Unit 1	210	17/08/2015	03.21		Continued.	ID Fan Problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Aug/2015

Statement-VII

Position as on 6.30 Hrs of 17/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	14/08/2015	16.20	16/08/2015	09.09	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	15/08/2015	16.09	16/08/2015	09.15	HT	Over Voltage
Parli (Pg) Wardha (Pg) I	InterState	16/08/2015	10.56	16/08/2015	18.38	PO	To attend Damaged Conductor
Kolhapur Mapusa II	InterState	16/08/2015	16.09		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	16/08/2015	17.16		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	14/08/2015	09.32	16/08/2015	08.44	HT	To Control Padghe-Bbbbsr-II Line Loading.
karad -kolhapur-II	IntraState	14/08/2015	16.08	16/08/2015	08.03	HT	Over Voltage
Karad - Jaigad - II	IntraState	14/08/2015	16.36	16/08/2015	08.27	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	14/08/2015	17.12	16/08/2015	07.28	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	15/08/2015	03.08	16/08/2015	11.04	HT	Over Voltage
Padghe - Nagothane - I	IntraState	15/08/2015	18.09	16/08/2015	13.18	HT	Over Voltage
karad -kolhapur-I	IntraState	16/08/2015	16.03		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	16/08/2015	16.34		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	16/08/2015	17.13		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	16/08/2015	17.19		Continued.	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
Padghe - Vasai	IntraState	15/08/2015	08:35		Continued.	PO	Removal of jumper & bunching work at Loc No. 51/1 & 35 (charged up to Loc No. 51/1 from Padghe end only)
Kalwa - Borivali	IntraState	16/08/2015	08.00		Continued.	PO	Erection of Loc.No.12 and shifting of conductor on NER M/C Tower
Kalwa-Salsette-IV	IntraState	16/08/2015	08.30	17/08/2015	00.36	EO	To attend Hot Spot
Borivali - Ghodbunder	IntraState	16/08/2015	13.14	16/08/2015	16.55	PO	Bunching at Loc.No.51/1 for making New Temp.220KV Vasai-Boisar Line
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							
Mul-Sindewahi	IntraState	16/08/2015	03.54	16/08/2015	04.15	T	Distance Protection
Deepnagar- Muktainagar	IntraState	16/08/2015	19.24	16/08/2015	19.48	T	Distance Protection

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