

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Aug/2015 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	93.074	2806.389	1) Gujrat	2.730	266.255
2) Hydro	7.030	214.994	2) Madhya Pradesh	13.212	360.784
3) Gas	6.435	189.549	3) Chattisgarh	5.280	143.830
Total MSPGCL	106.539	3210.932	4) Maharashtra Net	92.126	2608.784
B) 1) APML	47.660	1456.719	5) Goa	-4.510	-184.603
2) JSWEL	25.795	793.393	6) TAPS 1&2 Injection	2.468	77.769
3) VIPL	9.965	256.707	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	19.041	517.226	8) Pench (MS)	0.803	13.954
5) WPCL	3.433	105.056	9) Pench (Excess)	-0.803	-12.908
6) Other IPP	1.029	64.100	Total	110.503	3259.911
C) 1) TPCL Thermal	14.195	483.040	a) Mumbai Schedule	18.132	695.792
2) TPCL Hydro	0.485	92.218	b) Mumbai Drawl	20.991	770.166
3) TPCL Gas	1.552	54.802	c) MSEDCL Bilateral *	29.032	919.976
4) R-INFRA Thermal	11.226	343.204	Include PX	-0.642	88.421
D) STATE			d) Mumbai Bilateral *	18.132	695.792
1) Thermal	225.418	6825.834	Include PX	0.389	117.622
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	7.515	307.212	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	7.987	244.351	1) MSEDCL	325.360	9640.242
4) Wind	21.305	717.957	2) Mumbai Discoms	48.446	1743.414
6) SOLAR	1.081	28.407	TOTAL STATE	373.806	11383.656
TOTAL STATE	263.306	8123.761			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4012	3995	3847	3784
MSPGCL Hydro	699	632	710	127
MSPGCL Gas	271	272	272	266
MSPGCL Total Generation	4982	4899	4829	4177
Central Sector Receipt	5187	4771	4368	4448
WIND	800	692	1169	830
CPP / IPP	4916	4834	4291	4159
SOLAR	132	126	0	0
Exchange with Mumbai	-830	-866	-963	-754
MSEDCL DEMAND MET	15187	14456	13694	12860
Load Shedding	23	24	24	20
MSEDCL DEMAND	15210	14480	13718	12880
TPCL GENERATION	849	827	735	582
R-INFRA GENERATION	517	516	517	396
MUMBAI DEMAND	2196	2209	2215	1732
STATE DEMAND MET	17383	16665	15909	14592
STATE DEMAND	17406	16689	15933	14612
Frequency (Hz)	49.84	49.87	49.91	49.91

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 06.02 Hrs	49.67 Hz at 11.13 Hrs	49.91	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 30/Aug/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.60	71.46	160	135
Unit 6	0.00	0.00	0	0
Unit 7	3.72	111.51	179	133
Total	7.32	182.97		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.98	107.96	170	160
Unit 4	9.66	266.40	460	360
Unit 5	0.00	0.00	0	0
Total	13.64	374.36		
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	3.41	96.21	151	131
Unit 3	4.16	105.09	193	163
Unit 4	0.00	108.51	0	0
Unit 5	8.57	249.76	385	330
Unit 6	7.94	235.81	370	275
Unit 7	7.66	232.12	348	290
Total	31.74	1027.50		
Paras				
Unit 3	4.52	138.32	199	178
Unit 4	4.82	142.64	221	190
Total	9.35	280.96		
Khaparkheda				
Unit 1	2.64	91.71	135	85
Unit 2	3.20	99.30	180	105
Unit 3	2.75	100.09	121	108
Unit 4	2.80	78.26	128	108
Unit 5	6.81	190.23	340	225
Total	18.19	559.58		
Nasik				
Unit 3	4.42	132.34	195	175
Unit 4	3.98	132.52	174	155
Unit 5	4.42	116.15	188	173
Total	12.83	381.01		
Uran				
All Units	6.44	189.55	278	262
Total	6.44	189.55		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.80	13.95	53	0
Total	0.80	13.95		
Koyna				
Stage 1-2	2.66	82.48	455	40
Stage 4	0.16	33.48	163	0
Stage 3	0.87	35.02	160	0
Total	3.69	150.98		
Hydro				
KDPH	0.87	6.81	37	36
VTRNA	0.00	0.75	0	0
TILLARI	0.00	2.54	0	0
BHTGR/VEER	0.00	1.26	0	0
BHIRA T.R.	0.22	9.10	80	0
RNGR+BHTSA	0.03	0.54	2	1
BHANDARDRA	0.55	10.73	23	22
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.48	6.02	27	17
GHATGHAR	1.20	26.26	250	0
Total	3.34	64.01		
Wind				
Total	21.30	717.96	0	0
Total	21.30	717.96		
CPP				
APML(Mus)	47.66	1456.72	0	0
JSWEL(Mus)	25.80	793.39	0	0
VIPL(Mus)	9.96	256.71	0	0
RPLAMT(Mus)	19.04	517.23	0	0
WPCL(Mus)	3.43	105.06	0	0
Other(Mus)	1.03	64.10	0	0
Total	106.92	3193.20		
SOLAR				
Total	1.08	28.41	0	0
Total	1.08	28.41		
Tata				
Trombay 5	8.70	311.40	486	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.55	54.80	65	64
Trombay 7B	0.00	0.00	0	0
Trombay 8	5.49	171.64	250	201
TATA Hydro	0.48	92.22	104	0
Total	16.23	630.06		
R-INFRA				
1-2	11.23	343.20	518	396
Total	11.23	343.20		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	93.07	2806.39
MSPGCL Thml+Gas	99.51	2995.94

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.03	214.99
MSPGCL Total	106.54	3210.93

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.82	115.96
State Total	263.31	8123.76

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 30/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	3738	188	265	4191	786	4261	0	4592	4840	-1037	13041	42	13083	2068	15151	49.88
2	3689	117	264	4070	780	4466	0	4370	4444	-912	12848	20	12868	1894	14762	49.90
3	3778	122	264	4164	850	4320	0	4337	4455	-815	12974	20	12994	1795	14789	49.84
4	3784	127	266	4177	830	4159	0	4368	4448	-754	12860	20	12880	1732	14612	49.91
5	3825	121	268	4214	780	4276	0	4406	4381	-732	12919	23	12942	1715	14657	49.86
6	3894	192	267	4353	753	4112	0	4445	4788	-785	13221	23	13244	1766	15010	49.96
7	3872	252	266	4390	742	4205	6	4853	4848	-784	13407	23	13430	1763	15193	49.91
8	3900	226	267	4393	635	4447	30	5260	5565	-823	14247	23	14270	1808	16078	49.88
9	3977	310	264	4551	684	4779	85	4956	5114	-793	14420	23	14443	1913	16356	49.95
10	3998	420	264	4682	820	4841	133	4926	5187	-890	14773	23	14796	2058	16854	49.92
11	3994	753	265	5012	833	4796	151	4964	4881	-933	14740	23	14763	2179	16942	49.90
12	4012	699	271	4982	800	4916	132	4998	5187	-830	15187	23	15210	2196	17406	49.84
13	3995	632	272	4899	692	4834	126	4974	4771	-866	14456	24	14480	2209	16689	49.87
14	3944	371	272	4587	918	4784	102	5094	4823	-821	14393	24	14417	2137	16554	49.91
15	3882	122	275	4279	884	4927	108	5050	4978	-777	14399	22	14421	2088	16509	49.92
16	3844	117	276	4237	1146	4659	93	4925	4654	-737	14052	22	14074	2058	16132	49.95
17	3790	117	278	4185	1369	4487	65	4721	4010	-756	13360	22	13382	2030	15412	49.98
18	3817	228	273	4318	1347	4144	43	3764	3543	-1002	12393	22	12415	1999	14414	50.00
19	3833	358	273	4464	1195	4135	7	3440	3650	-1013	12438	24	12462	2051	14513	49.96
20	3847	710	272	4829	1169	4291	0	4435	4368	-963	13694	24	13718	2215	15933	49.91
21	3897	224	264	4385	910	4302	0	4590	4556	-1081	13072	24	13096	2257	15353	49.93
22	3929	364	264	4557	836	4282	0	4294	4175	-1062	12788	24	12812	2246	15058	49.92
23	3919	136	262	4317	767	4255	0	4431	4310	-979	12670	24	12694	2179	14873	49.88
24	3916	124	263	4303	779	4245	0	4384	4527	-846	13008	24	13032	2093	15125	49.93
MUs	93.07	7.03	6.44	106.54	21.31	106.92	1.08	110.58	110.50	-20.99	325.36	0.57	325.93	48.45	374.37	49.91

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 30/Aug/2015

Position as on 6.30 Hrs of 31/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	
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	
MSPGCL	Koyna STG-IV Unit-2	250	20/08/2015	09.00		Continued.	Realigning of T-G Rotor & Adjusting the Bearing Clearances.(40 Days)	
MSPGCL	Chandrapur Unit 4	210	29/08/2015	23.55		Continued.	Annual Overhaul	
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	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	
IPP	Adani U-2	660	04/08/2015	00.03		Continued.	ID Fan Problem	
MSPGCL	Koradi Unit-8	660	20/08/2015	09.50		Continued.	EPS problem	
MSPGCL	Chandrapur Unit-8	500	23/08/2015	21.35		Continued.	cooling water pump tripped	
CPP	WPCL U-1	135	25/08/2015	19.18		Continued.	Maintenance work	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Aug/2015

Statement-VII

Position as on 6.30 Hrs of 31/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	29/08/2015	17.10	30/08/2015	07.00	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	29/08/2015	17.31		Continued.	HT	Over Voltage
Kolhapur Mapusa II	InterState	30/08/2015	08.54		Continued.	HT	Over Voltage
Kolhapur Mapusa I	InterState	30/08/2015	09.35	30/08/2015	15.46	PO	765KV KUDGI-Kolhapur line crossing work
Akola II - Taptitanda ckt-II	IntraState	20/07/2015	17.29		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	27/08/2015	11.20		Continued.	PO	opportunity outage for line rectification in work (RFC 16.50)
karad -kolhapur-I	IntraState	28/08/2015	16.11		Continued.	T	R Ph Pole Breaker Burst.
karad -kolhapur-II	IntraState	28/08/2015	16.12	30/08/2015	07.45	T	Over Voltage
Akola-Nandgaonpeth (RPL)	IntraState	29/08/2015	08.48	30/08/2015	00.05	PO	Testing Work
Bhusawal-Aurangabad	IntraState	29/08/2015	17.04	30/08/2015	06.41	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	29/08/2015	17.09	30/08/2015	09.24	HT	Over Voltage
N.Koyna-Karad -Ckt II	IntraState	29/08/2015	18.23	30/08/2015	09.02	T	Over Voltage
Karad-Jaigad - I	IntraState	30/08/2015	16.03		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	30/08/2015	17.14		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	30/08/2015	17.14		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
Borivali - Tarapur	InterState	30/08/2015	08.53	30/08/2015	14.04	PO	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
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 - Mulund 1	IntraState	22/08/2015	07.35		Continued.	PO	Mumbai Strengthening work
Paras Ext. - Balapur	IntraState	30/08/2015	14.56	30/08/2015	17.56	T	Distance Protection
Yeotmal- Pusad	IntraState	30/08/2015	15.15	30/08/2015	15.45	T	Distance Protection
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							
Paras-Patur	IntraState	30/08/2015	20.38	30/08/2015	20.50	T	Distance Protection

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