

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Aug/2015 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	91.223	2221.366	1) Gujrat	11.341	220.257
2) Hydro	7.490	173.558	2) Madhya Pradesh	13.778	290.699
3) Gas	6.573	151.231	3) Chattisgarh	5.960	112.450
Total MSPGCL	105.286	2546.155	4) Maharashtra Net	96.109	2031.041
B) 1) APMIL	52.520	1144.879	5) Goa	-6.322	-146.515
2) JSWEL	27.827	630.245	6) TAPS 1&2 Injection	2.522	62.820
3) VIPL	11.612	193.047	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	17.327	397.655	8) Pench (MS)	0.645	10.643
5) WPCL	3.824	83.089	9) Pench (Excess)	-0.645	-9.597
6) Other IPP	2.504	51.678	Total	122.743	2561.155
C) 1) TPCL Thermal	16.375	386.591	a) Mumbai Schedule	27.513	555.258
2) TPCL Hydro	3.297	78.233	b) Mumbai Drawl	28.160	616.376
3) TPCL Gas	2.315	42.706	c) MSEDCL Bilateral *	34.451	722.434
4) R-INFRA Thermal	11.839	270.404	Include PX	4.287	73.128
D) STATE			d) Mumbai Bilateral *	27.513	555.258
1) Thermal	235.051	5378.954	Include PX	3.655	105.419
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	10.787	251.791	H) ENERGY CATERED (MUs)		
3) Gas	8.888	193.937	1) MSEDCL	346.816	7606.607
4) Wind	30.305	591.623	2) Mumbai Discoms	61.988	1394.298
6) SOLAR	1.028	23.457	TOTAL STATE	408.804	9000.905
TOTAL STATE	286.059	6439.762			

* 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 4 Hrs
MSPGCL Thermal	3917	3900	3790	3677
MSPGCL Hydro	596	416	333	160
MSPGCL Gas	278	277	272	274
MSPGCL Total Generation	4791	4593	4395	4111
Central Sector Receipt	6204	6499	4665	4235
WIND	922	828	1419	1582
CPP / IPP	5232	5199	5210	3938
SOLAR	126	131	0	0
Exchange with Mumbai	-1489	-1499	-1273	-843
MSEDCL DEMAND MET	15786	15751	14416	13023
Load Shedding	21	21	27	21
MSEDCL DEMAND	15807	15772	14443	13044
TPCL GENERATION	1144	1147	1082	583
R-INFRA GENERATION	509	513	519	396
MUMBAI DEMAND	3142	3159	2874	1822
STATE DEMAND MET	18928	18910	17290	14845
STATE DEMAND	18949	18931	17317	14866
Frequency (Hz)	49.91	49.90	49.83	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.1 Hz at 18:02 Hrs	49.69 Hz at 14.17 Hrs	49.92	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 24/Aug/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.39	51.62	160	115
Unit 6	0.00	0.00	0	0
Unit 7	3.20	89.49	154	120
Total	6.60	141.11		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.91	92.48	175	140
Unit 4	9.44	204.79	435	370
Unit 5	0.00	0.00	0	0
Total	13.36	297.28		
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	3.49	76.11	150	139
Unit 3	4.16	80.66	191	151
Unit 4	4.13	88.86	185	162
Unit 5	9.40	199.51	410	370
Unit 6	9.26	183.79	435	305
Unit 7	7.86	184.35	367	278
Total	38.31	813.27		
Paras				
Unit 3	4.65	109.77	206	184
Unit 4	5.04	113.26	224	198
Total	9.69	223.04		
Khaparkheda				
Unit 1	3.70	72.78	175	135
Unit 2	3.33	78.98	170	120
Unit 3	3.20	80.02	157	82
Unit 4	0.00	58.72	0	0
Unit 5	0.00	152.40	0	0
Total	10.23	442.90		
Nasik				
Unit 3	4.30	106.33	185	165
Unit 4	4.39	107.55	205	166
Unit 5	4.35	89.89	195	169
Total	13.05	303.77		
Uran				
All Units	6.57	151.23	278	269
Total	6.57	151.23		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.64	10.64	53	0
Total	0.64	10.64		
Koyna				
Stage 1-2	3.11	66.57	520	40
Stage 4	0.04	30.62	43	0
Stage 3	0.77	29.58	138	0
Total	3.92	126.76		
Hydro				
KDPH	0.68	2.79	38	18
VTRNA	0.00	0.44	0	0
TILLARI	0.00	2.12	0	0
BHTGR/VEER	0.00	1.26	0	0
BHIRA T.R.	0.16	7.62	80	0
RNGR+BHTSA	0.16	0.33	14	1
BHANDARDRA	0.48	7.63	34	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.44	3.16	19	18
GHATGHAR	1.64	21.44	250	0
Total	3.57	46.80		
Wind				
Total	30.30	591.62	0	0
Total	30.30	591.62		
CPP				
APML(Mus)	52.52	1144.88	0	0
JSWEL(Mus)	27.83	630.24	0	0
VIPL(Mus)	11.61	193.05	0	0
RPLAMT(Mus)	17.33	397.66	0	0
WPCL(Mus)	3.82	83.09	0	0
Other(Mus)	2.50	51.68	0	0
Total	115.61	2500.59		
SOLAR				
Total	1.03	23.46	0	0
Total	1.03	23.46		
Tata				
Trombay 5	10.62	249.39	494	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.32	42.71	117	64
Trombay 7B	0.00	0.00	0	0
Trombay 8	5.76	137.20	251	203
TATA Hydro	3.30	78.23	294	0
Total	21.99	507.53		
R-INFRA				
1-2	11.84	270.40	519	395
Total	11.84	270.40		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	91.22	2221.37
MSPGCL Thml+Gas	97.80	2372.60

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.49	173.56
MSPGCL Total	105.29	2546.16

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	3.15	97.18
State Total	286.06	6439.76

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 24/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	3713	215	274	4202	1644	4026	0	4446	4560	-919	13513	38	13551	2194	15745	49.92
2	3659	215	274	4148	1588	4021	0	4340	4586	-901	13442	21	13463	2004	15467	49.95
3	3693	220	275	4188	1537	3933	0	4173	4366	-912	13112	21	13133	1888	15021	49.97
4	3677	160	274	4111	1582	3938	0	4175	4235	-843	13023	21	13044	1822	14866	49.95
5	3711	110	273	4094	1362	4042	0	4292	4449	-816	13131	21	13152	1799	14951	49.89
6	3721	225	274	4220	1378	4158	0	4470	4985	-828	13913	21	13934	1912	15846	49.88
7	3797	590	278	4665	1032	4585	3	5019	5610	-844	15051	21	15072	2056	17128	49.94
8	3832	608	276	4716	793	4779	18	5542	5816	-933	15189	21	15210	2233	17443	49.97
9	3852	526	272	4650	999	4822	41	5645	6115	-1122	15505	21	15526	2482	18008	49.95
10	3861	527	272	4660	910	5062	82	5747	5982	-1353	15343	21	15364	2906	18270	49.95
11	3917	596	278	4791	922	5232	126	6012	6204	-1489	15786	21	15807	3142	18949	49.91
12	3924	651	278	4853	855	5197	110	5952	6164	-1510	15669	21	15690	3168	18858	49.91
13	3900	416	277	4593	828	5199	131	5919	6499	-1499	15751	21	15772	3159	18931	49.90
14	3888	280	276	4444	931	5150	121	5846	6139	-1428	15357	27	15384	3037	18421	49.85
15	3869	151	275	4295	1300	5193	141	5924	6081	-1483	15527	27	15554	3081	18635	49.86
16	3862	274	269	4405	1452	5120	127	5635	5644	-1481	15267	27	15294	3084	18378	49.91
17	3797	154	271	4222	1561	5194	82	5701	5261	-1460	14860	27	14887	3054	17941	49.92
18	3804	184	273	4261	1496	5194	41	4465	4158	-1383	13767	27	13794	2979	16773	49.96
19	3807	269	272	4348	1523	5156	5	4081	3667	-1285	13414	27	13441	2878	16319	49.93
20	3790	333	272	4395	1419	5210	0	4824	4665	-1273	14416	27	14443	2874	17317	49.83
21	3774	260	270	4304	1371	5201	0	4761	4542	-1175	14243	27	14270	2729	16999	49.94
22	3825	116	272	4213	1429	5100	0	4419	4563	-1081	14224	27	14251	2602	16853	49.92
23	3784	292	272	4348	1373	5151	0	4352	4071	-1097	13846	27	13873	2491	16364	49.87
24	3766	118	276	4160	1020	4951	0	4543	4381	-1045	13467	27	13494	2412	15906	49.91
MUs	91.22	7.49	6.57	105.29	30.31	115.61	1.03	120.28	122.74	-28.16	346.82	0.59	347.40	61.99	409.39	49.92

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 24/Aug/2015

Position as on 6.30 Hrs of 25/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	
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	Koyna Unit 5	80	24/08/2015	07.40	24/08/2015	17.10	Preventive Maintenance Work	
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	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	Khaparkhedda Unit 4	210	16/08/2015	13.10		Continued.	Turbine bearing Vabration high	
MSPGCL	Koradi Unit-8	660	20/08/2015	09.50		Continued.	EPS problem	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 24/Aug/2015

Position as on 6.30 Hrs of 25/Aug/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-2	270	22/08/2015	15.52	24/08/2015	03.19	PSM Vibration High	
MSPGCL	Khaparkheda Unit 5	500	23/08/2015	07.51		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit-8	500	23/08/2015	21.35		Continued.	cooling water pump tripped	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Aug/2015

Statement-VII

Position as on 6.30 Hrs of 25/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	22/08/2015	16.43	24/08/2015	07.46	HT	Over Voltage(Line crossing work of 765KV Kurgi-Kolhapur line from 06.26Hrs Dt.23-08-2015)
Kolhapur Solapur (PG) II	InterState	23/08/2015	18.16	24/08/2015	06.32	HT	Over Voltage
Kolhapur Mapusa I	InterState	24/08/2015	17.16		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	25/08/2015	04.08		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).
karad -kolhapur-II	IntraState	23/08/2015	16.09	24/08/2015	06.40	HT	Over Voltage
Karad - Jaigad - II	IntraState	23/08/2015	16.54	24/08/2015	09.08	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	23/08/2015	17.41	24/08/2015	00.54	T	Distance Protection
Bhusawal-Aurangabad	IntraState	23/08/2015	18.13	24/08/2015	06.41	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	23/08/2015	18.16	24/08/2015	09.00	HT	Over Voltage
karad -kolhapur-I	IntraState	24/08/2015	16.32		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	24/08/2015	16.34		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	24/08/2015	18.25		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	25/08/2015	02.12		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT-II @Warora	IntraState	24/08/2015	08.43	24/08/2015	22.02	PO	HV Side CRM Work ICT on NO Load.
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 - Mulund 1	IntraState	22/08/2015	07.35		Continued.	PO	Mumbai Strengthening work
New Koyna - Loteparshuram	IntraState	24/08/2015	09.08	24/08/2015	16.58	PO	Hot Spot Attending on Y Ph Wave Trap.
Nanded - Parli Ext. Ckt I	IntraState	24/08/2015	10.51	24/08/2015	16.18	PO	Jumper Cone Single Bolt to Adding 3 No.Nut Bolts.
Theur-Jejuri	IntraState	24/08/2015	12.16	24/08/2015	16.54	PO	CT Tan Delta Measurement Work.
Parli New Tps - Beed Ckt 1	IntraState	25/08/2015	01.18	25/08/2015	05.51	T	Failure of B PH P T-I @ Beed End.
Parli New Tps - Beed Ckt 2	IntraState	25/08/2015	01.18	25/08/2015	03.05	T	Failure of B PH P T-I @ Beed End.
Trombay - Mulund	IntraState	25/08/2015	06.02		Continued.	EO	TO Attend Hot Spot on 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							
Chikhali-Deulgaon Mahi	IntraState	24/08/2015	19.25	24/08/2015	19.36	T	Distance Protection

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