

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Aug/2015 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	97.419	202.926	1) Gujrat	5.446	17.173
2) Hydro	15.193	24.316	2) Madhya Pradesh	16.279	27.092
3) Gas	4.231	7.335	3) Chattisgarh	5.620	9.220
Total MSPGCL	116.843	234.577	4) Maharashtra Net	73.705	150.471
B) 1) APML	43.950	84.920	5) Goa	-5.195	-11.211
2) JSWEL	25.619	51.110	6) TAPS 1&2 Injection	2.709	5.425
3) VIPL	6.570	12.652	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	18.030	36.170	8) Pench (MS)	0.135	0.268
5) WPCL	2.339	5.986	9) Pench (Excess)	-0.135	-0.268
6) Other IPP	2.054	3.625	Total	98.429	197.902
C) 1) TPCL Thermal	17.701	34.207	a) Mumbai Schedule	21.687	43.965
2) TPCL Hydro	2.487	6.545	b) Mumbai Drawl	21.044	50.025
3) TPCL Gas	1.552	3.208	c) MSEDCL Bilateral *	23.990	47.692
4) R-INFRA Thermal	7.337	13.517	Include PX	-0.191	-1.785
D) STATE			d) Mumbai Bilateral *	21.687	43.965
1) Thermal	221.019	445.113	Include PX	6.905	12.738
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	17.680	30.861	H) ENERGY CATERED (MUs)		
3) Gas	5.783	10.543	1) MSEDCL	321.754	637.494
4) Wind	27.987	58.382	2) Mumbai Discoms	50.114	107.493
6) SOLAR	0.977	2.195	TOTAL STATE	371.868	744.987
TOTAL STATE	273.446	547.094			

* 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	4010	4079	4041	3794
MSPGCL Hydro	1525	1177	368	82
MSPGCL Gas	138	138	265	132
MSPGCL Total Generation	5673	5394	4674	4008
Central Sector Receipt	4565	4328	3960	4305
WIND	1104	1261	1105	1354
CPP / IPP	4250	4232	4274	3713
SOLAR	108	130	0	0
Exchange with Mumbai	-1011	-1039	-855	-700
MSEDCL DEMAND MET	14689	14306	13158	12680
Load Shedding	50	46	41	40
MSEDCL DEMAND	14739	14352	13199	12720
TPCL GENERATION	956	955	1018	801
R-INFRA GENERATION	257	258	378	258
MUMBAI DEMAND	2224	2252	2251	1759
STATE DEMAND MET	16913	16558	15409	14439
STATE DEMAND	16963	16604	15450	14479
Frequency (Hz)	50.01	49.98	49.92	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 16.33 Hrs	49.83 Hz at 19.13 Hrs	50	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 02/Aug/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.30	6.68	153	120
Unit 6	0.00	0.00	0	0
Unit 7	3.54	7.12	165	130
Total	6.85	13.80		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.89	7.87	180	145
Unit 4	11.58	22.00	500	460
Unit 5	0.00	0.00	0	0
Total	15.46	29.88		
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	3.48	6.95	152	137
Unit 3	3.96	8.10	197	137
Unit 4	3.90	8.13	188	0
Unit 5	9.77	19.43	430	390
Unit 6	7.65	16.73	400	255
Unit 7	9.23	18.29	400	349
Total	37.99	77.62		
Paras				
Unit 3	5.36	10.34	235	210
Unit 4	5.20	10.32	229	209
Total	10.57	20.66		
Khaparkheda				
Unit 1	3.77	7.32	190	105
Unit 2	2.71	6.51	175	0
Unit 3	0.17	1.92	94	0
Unit 4	4.31	8.57	193	158
Unit 5	1.79	11.36	470	0
Total	12.75	35.68		
Nasik				
Unit 3	4.54	7.08	200	165
Unit 4	4.69	9.25	203	185
Unit 5	4.57	8.97	195	181
Total	13.80	25.29		
Uran				
All Units	4.23	7.34	270	130
Total	4.23	7.34		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.14	0.27	47	0
Total	0.14	0.27		
Koyna				
Stage 1-2	4.85	8.88	550	40
Stage 4	5.74	6.34	712	0
Stage 3	2.99	4.86	240	0
Total	13.58	20.09		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.24	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.08	0.17	4	3
BHIRA T.R.	0.27	0.68	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.24	0.78	33	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.06	0.12	9	0
GHATGHAR	0.96	2.24	240	0
Total	1.61	4.23		
Wind				
Total	27.99	58.38	0	0
Total	27.99	58.38		
CPP				
APML(Mus)	43.95	84.92	0	0
JSWEL(Mus)	25.62	51.11	0	0
VIPL(Mus)	6.57	12.65	0	0
RPLAMT(Mus)	18.03	36.17	0	0
WPCL(Mus)	2.34	5.99	0	0
Other(Mus)	2.05	3.62	0	0
Total	98.56	194.46		
SOLAR				
Total	0.98	2.20	0	0
Total	0.98	2.20		
Tata				
Trombay 5	11.72	22.52	492	467
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.55	3.21	65	64
Trombay 7B	0.00	0.00	0	0
Trombay 8	5.98	11.69	253	248
TATA Hydro	2.49	6.54	225	0
Total	21.74	43.96		
R-INFRA				
1-2	7.34	13.52	518	257
Total	7.34	13.52		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	97.42	202.93
MSPGCL Thml+Gas	101.65	210.26

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	15.19	24.32
MSPGCL Total	116.84	234.58

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	10.59	15.22
State Total	273.45	547.09

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/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	4501	447	131	5079	1212	3855	0	3759	4106	-1011	13241	60	13301	2110	15411	49.99
2	4522	222	132	4876	1342	3905	0	3715	3708	-878	12953	40	12993	1943	14936	50.01
3	4382	62	131	4575	1352	3809	0	3875	3664	-798	12602	40	12642	1838	14480	50.01
4	4206	77	131	4414	1356	3808	0	3844	4199	-714	13063	40	13103	1770	14873	50.02
5	3794	82	132	4008	1354	3713	0	3888	4305	-700	12680	40	12720	1759	14479	49.98
6	3848	82	132	4062	1272	3762	0	4194	4776	-763	13109	44	13153	1820	14973	50.00
7	3941	671	131	4743	1066	3828	6	3991	4761	-753	13651	46	13697	1810	15507	50.01
8	3983	1062	130	5175	973	3942	28	4155	4888	-671	14335	48	14383	1845	16228	49.97
9	3986	1553	133	5672	1084	3983	51	4255	4385	-814	14361	48	14409	1957	16366	49.99
10	4040	1467	139	5646	1060	4054	90	4374	4545	-920	14475	50	14525	2106	16631	50.03
11	4010	1525	138	5673	1104	4250	108	4434	4565	-1011	14689	50	14739	2224	16963	50.01
12	4052	1507	138	5697	1171	4207	117	4342	4289	-1040	14441	48	14489	2253	16742	50.01
13	4079	1177	138	5394	1261	4232	130	4154	4328	-1039	14306	46	14352	2252	16604	49.98
14	4096	858	145	5099	1306	4250	148	4042	4019	-1005	13817	45	13862	2218	16080	50.00
15	4097	834	150	5081	1209	4195	107	4109	4501	-991	14102	44	14146	2180	16326	50.03
16	4017	691	185	4893	1105	4221	98	4087	4272	-952	13637	44	13681	2144	15825	50.04
17	3993	680	204	4877	1192	4225	58	3798	3838	-901	13289	41	13330	2118	15448	50.10
18	3990	153	209	4352	1280	4368	27	3653	3113	-976	12164	39	12203	2101	14304	50.05
19	4002	87	260	4349	1232	4454	9	3557	3030	-1037	12037	39	12076	2126	14202	50.02
20	4041	368	265	4674	1105	4274	0	3801	3960	-855	13158	41	13199	2251	15450	49.92
21	4014	497	267	4778	951	4324	0	3939	3762	-815	13000	41	13041	2341	15382	49.94
22	4029	306	270	4605	917	4316	0	3714	3892	-824	12906	41	12947	2365	15312	49.92
23	3882	392	270	4544	1009	4258	0	3762	3742	-781	12772	41	12813	2323	15136	49.97
24	3914	393	270	4577	1074	4329	0	3805	3781	-795	12966	41	13007	2268	15275	49.99
MUs	97.42	15.19	4.23	116.84	27.99	98.56	0.98	95.25	98.43	-21.04	321.75	1.06	322.81	50.12	372.93	50.00

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 02/Aug/2015

Position as on 6.30 Hrs of 03/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	
IPP	VIPL U-1	300	14/07/2015	23.58		Continued.	AOH.	
TPC-G	Trombay 7B	60	17/07/2015	20.00		Continued.	Gas Path Inspection	
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	
IPP	Adani U-3	660	04/07/2015	15:03	02/08/2015	06.23	Super heater drain leakage.	
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	WPCL U-3	135	28/07/2015	08.07	03/08/2015	03.49	filter problem	
MSPGCL	Bhusawal Unit 5	500	29/07/2015	06.29		Continued.	Boiler Tube Leakage	
RINFRA-G	REL Unit 1	250	31/07/2015	17.16	02/08/2015	18.49	Boiler Tube Leakage	
MSPGCL	Uran Unit A0	120	31/07/2015	22.01	02/08/2015	17.44	Bearing vibration high	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 02/Aug/2015

Position as on 6.30 Hrs of 03/Aug/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 5	108	31/07/2015	22.18	02/08/2015	13.06	Bearing vibration high	
IPP	Adani U-1	660	01/08/2015	00.41		Continued.	Furnace Pressure High	
MSPGCL	Khaparkheda Unit 3	210	01/08/2015	09.03	02/08/2015	21.49	Boiler Tube Leakage	
CPP	WPCL U-4	135	01/08/2015	21.57		Continued.	Vibration problem in ID Fan	
MSPGCL	Khaparkheda Unit 2	210	02/08/2015	02.05	02/08/2015	08.32	Turbine Tripped	
MSPGCL	Khaparkheda Unit 5	500	02/08/2015	04.11		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-4	270	02/08/2015	13.47		Continued.	Auxiliary supply failure	
MSPGCL	Chandrapur Unit 4	210	02/08/2015	21.59	03/08/2015	02.45	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Aug/2015

Statement-VII

Position as on 6.30 Hrs of 03/Aug/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	26/07/2015	10.55		Continued.	T	For Replacement of BHEL make smoothening Reactor (Outage upto 4.8.15)
400 KV LINE Outages/Trippings							
Kolhapur Mapusa I	InterState	01/08/2015	16.38		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	02/08/2015	04.29	02/08/2015	09.09	T	Over Voltage
Kolhapur Solapur (PG) II	InterState	02/08/2015	16.44		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	20/07/2015	17.29		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	01/08/2015	12.04		Continued.	PO	Line Crossing work of 765KV A'bad-Solapur D/C By PGCIL
Babhaleshwar-Taptitanda ckt-II	IntraState	01/08/2015	12.04		Continued.	PO	Line Crossing work of 765KV A'bad-Solapur D/C By PGCIL
karad -kolhapur-II	IntraState	01/08/2015	16.33	02/08/2015	08.52	HT	Over Voltage
Karad - Jaigad - II	IntraState	01/08/2015	17.05	02/08/2015	08.55	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	01/08/2015	18.14	02/08/2015	09.00	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	02/08/2015	00.58	02/08/2015	06.19	HT	Over Voltage
karad -kolhapur-I	IntraState	02/08/2015	16.18		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	02/08/2015	16.30		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	02/08/2015	17.20		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	02/08/2015	22.05		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
Boisar Versova Line	IntraState	01/08/2015	10.38	02/08/2015	20.28	HT	Overloading of Bhoiser PG Lines
Padgha-Temghar-II	IntraState	02/08/2015	07.00	02/08/2015	20.50	HT	Bus A outage at Padghe
Padgha - Temghar I	IntraState	02/08/2015	07.00	02/08/2015	20.50	HT	Bus A outage at Padghe
Bapgaon - Kalwa	IntraState	02/08/2015	09.02	02/08/2015	14.04	PO	Testing Work
Mulund - Gis Bhandup	IntraState	02/08/2015	09.02	02/08/2015	14.20	PO	To attend Hot Spot
Bus A at Padgha	IntraState	02/08/2015	10.06	02/08/2015	18.22	PO	Hybrid pass C.B. Gas leakage
Pedhambe - Oni	IntraState	02/08/2015	10.38	02/08/2015	21.15	T	Distance Protection
Trombay MSETCL Tie 2	IntraState	02/08/2015	11.10	02/08/2015	17.30	PO	Scada wiring work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault

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