

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Aug/2015 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	98.717	301.643	1) Gujrat	5.690	22.863
2) Hydro	4.950	29.266	2) Madhya Pradesh	14.387	41.479
3) Gas	6.432	13.767	3) Chattisgarh	5.160	14.380
Total MSPGCL	110.099	344.676	4) Maharashtra Net	83.310	233.781
B) 1) APML	48.670	133.590	5) Goa	-6.127	-17.338
2) JSWEL	27.470	78.580	6) TAPS 1&2 Injection	2.694	8.119
3) VIPL	6.546	19.198	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	17.220	53.390	8) Pench (MS)	0.106	0.374
5) WPCL	3.522	9.508	9) Pench (Excess)	-0.106	-0.374
6) Other IPP	2.088	5.713	Total	105.008	302.910
C) 1) TPCL Thermal	17.163	51.370	a) Mumbai Schedule	25.045	69.011
2) TPCL Hydro	3.605	10.150	b) Mumbai Drawl	25.951	75.976
3) TPCL Gas	1.552	4.760	c) MSEDCL Bilateral *	31.913	79.606
4) R-INFRA Thermal	12.399	25.916	Include PX	5.985	4.200
D) STATE			d) Mumbai Bilateral *	25.045	69.011
1) Thermal	233.795	678.908	Include PX	6.740	19.478
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	8.555	39.416	H) ENERGY CATERED (MUs)		
3) Gas	7.984	18.527	1) MSEDCL	328.324	965.818
4) Wind	32.587	90.969	2) Mumbai Discoms	60.668	168.161
6) SOLAR	1.065	3.260	TOTAL STATE	388.992	1133.979
TOTAL STATE	283.986	831.080			

* 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 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	4092	4131	4271	4068
MSPGCL Hydro	813	700	224	54
MSPGCL Gas	270	267	266	268
MSPGCL Total Generation	5175	5098	4761	4390
Central Sector Receipt	5533	4901	4212	3560
WIND	1354	1363	1395	1251
CPP / IPP	4529	4521	4465	4161
SOLAR	111	145	0	0
Exchange with Mumbai	-1541	-1519	-1176	-609
MSEDCL DEMAND MET	15161	14509	13657	12753
Load Shedding	48	46	37	40
MSEDCL DEMAND	15209	14555	13694	12793
TPCL GENERATION	1057	1021	1030	643
R-INFRA GENERATION	513	515	515	519
MUMBAI DEMAND	3111	3055	2721	1771
STATE DEMAND MET	18272	17564	16378	14524
STATE DEMAND	18320	17610	16415	14564
Frequency (Hz)	49.95	49.99	49.88	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 08.04 Hrs	49.54 Hz at 19.26 Hrs	49.95	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 03/Aug/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.44	10.11	155	139
Unit 6	0.00	0.00	0	0
Unit 7	3.64	10.76	165	130
Total	7.08	20.87		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.19	12.06	180	165
Unit 4	10.93	32.94	490	410
Unit 5	0.00	0.00	0	0
Total	15.12	45.00		
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	3.51	10.46	150	141
Unit 3	1.99	10.08	191	0
Unit 4	3.48	11.60	180	0
Unit 5	9.68	29.11	420	388
Unit 6	8.47	25.20	390	290
Unit 7	9.08	27.36	410	340
Total	36.20	113.82		
Paras				
Unit 3	5.20	15.54	228	205
Unit 4	5.03	15.35	228	188
Total	10.23	30.89		
Khaparkheda				
Unit 1	3.66	10.98	180	125
Unit 2	3.62	10.12	170	125
Unit 3	4.40	6.33	208	115
Unit 4	4.45	13.03	195	178
Unit 5	0.00	11.36	0	0
Total	16.14	51.82		
Nasik				
Unit 3	4.74	11.81	205	185
Unit 4	4.64	13.90	200	178
Unit 5	4.58	13.54	198	178
Total	13.95	39.25		
Uran				
All Units	6.43	13.77	273	265
Total	6.43	13.77		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.11	0.37	40	0
Total	0.11	0.37		
Koyna				
Stage 1-2	2.44	11.32	400	40
Stage 4	0.52	6.86	250	0
Stage 3	1.02	5.88	142	0
Total	3.98	24.06		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.24	0	0
TILLARI	0.18	0.18	62	0
BHTGR/VEER	0.08	0.25	4	3
BHIRA T.R.	0.38	1.06	80	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.05	0.83	20	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.06	0.18	9	0
GHATGHAR	0.22	2.47	125	0
Total	0.97	5.20		
Wind				
Total	32.59	90.97	0	0
Total	32.59	90.97		
CPP				
APML(Mus)	48.67	133.59	0	0
JSWEL(Mus)	27.47	78.58	0	0
VIPL(Mus)	6.55	19.20	0	0
RPLAMT(Mus)	17.22	53.39	0	0
WPCL(Mus)	3.52	9.51	0	0
Other(Mus)	2.09	5.71	0	0
Total	105.52	299.98		
SOLAR				
Total	1.06	3.26	0	0
Total	1.06	3.26		
Tata				
Trombay 5	11.20	33.71	490	325
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.55	4.76	65	64
Trombay 7B	0.00	0.00	0	0
Trombay 8	5.97	17.66	252	245
TATA Hydro	3.60	10.15	253	0
Total	22.32	66.28		
R-INFRA				
1-2	12.40	25.92	519	509
Total	12.40	25.92		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	98.72	301.64
MSPGCL Thml+Gas	105.15	315.41

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	4.95	29.27
MSPGCL Total	110.10	344.68

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.96	18.19
State Total	283.99	831.08

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/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	3948	198	269	4415	1226	4336	0	3843	3867	-750	13094	55	13149	2126	15275	49.95
2	3938	56	269	4263	1206	4316	0	3757	3685	-626	12844	40	12884	1949	14833	49.97
3	3970	69	269	4308	1269	4366	0	3690	3507	-524	12926	40	12966	1842	14808	50.01
4	4028	64	268	4360	1281	4321	0	3680	3424	-493	12893	40	12933	1779	14712	50.00
5	4068	54	268	4390	1251	4161	0	3716	3560	-609	12753	40	12793	1771	14564	49.96
6	4127	69	270	4466	1295	4209	0	3920	4083	-722	13331	44	13375	1878	15253	49.97
7	4159	403	270	4832	1119	4241	7	4290	4446	-637	14008	46	14054	2028	16082	49.89
8	4132	107	268	4507	1086	4346	27	5277	5501	-816	14651	48	14699	2197	16896	49.96
9	4057	72	270	4399	1231	4338	72	5553	5821	-1024	14837	48	14885	2493	17378	49.99
10	4066	191	267	4524	1338	4285	108	5533	5890	-1357	14788	50	14838	2849	17687	49.93
11	4060	363	269	4692	1213	4524	125	5395	5590	-1529	14615	50	14665	3088	17753	49.94
12	4092	813	270	5175	1354	4529	111	5352	5533	-1541	15161	48	15209	3111	18320	49.95
13	4131	700	267	5098	1363	4521	145	5109	4901	-1519	14509	46	14555	3055	17610	49.99
14	4150	247	271	4668	1591	4469	126	5292	4885	-1423	14316	41	14357	2940	17297	49.98
15	4100	195	273	4568	1624	4434	128	5215	4686	-1401	14039	40	14079	2941	17020	49.95
16	4097	171	266	4534	1568	4445	93	5242	4844	-1420	14064	40	14104	2959	17063	49.94
17	4110	123	265	4498	1516	4471	76	4841	4569	-1446	13684	37	13721	2957	16678	49.93
18	4115	123	266	4504	1699	4445	38	4050	4049	-1405	13330	35	13365	2909	16274	49.97
19	4084	165	266	4515	1441	4456	9	3897	3528	-1336	12613	35	12648	2818	15466	49.92
20	4180	277	265	4722	1382	4518	0	4547	3836	-1254	13204	37	13241	2798	16039	49.78
21	4271	224	266	4761	1395	4465	0	4607	4212	-1176	13657	37	13694	2721	16415	49.88
22	4274	90	266	4630	1374	4425	0	4378	3708	-1071	13066	37	13103	2615	15718	49.91
23	4273	123	267	4663	1365	4444	0	4232	3610	-982	13100	37	13137	2477	15614	49.91
24	4287	53	267	4607	1400	4451	0	4027	3273	-890	12841	37	12878	2369	15247	50.00
MUs	98.72	4.95	6.43	110.10	32.59	105.52	1.06	109.44	105.01	-25.95	328.32	1.01	329.33	60.67	390.00	49.95

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 03/Aug/2015

Position as on 6.30 Hrs of 04/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	
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	
IPP	Adani U-1	660	01/08/2015	00.41	03/08/2015	19.59	Furnace Pressure High	
CPP	WPCL U-4	135	01/08/2015	21.57		Continued.	Vibration problem in ID Fan	
MSPGCL	Khaparkheda Unit 5	500	02/08/2015	04.11		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 03/Aug/2015

Position as on 6.30 Hrs of 04/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-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	
MSPGCL	Chandrapur Unit 3	210	03/08/2015	07.28	03/08/2015	18.27	Furnace Pressure High	
IPP	RPL(AMT) U-3	270	03/08/2015	21.35		Continued.	Turbine Vibration High.	
IPP	Adani U-2	660	04/08/2015	00.03		Continued.	ID Fan Problem	
TPC-G	Trombay 7A	120	04/08/2015	00.47	04/08/2015	02.58	Fuel Gas Valve Problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Aug/2015

Statement-VII

Position as on 6.30 Hrs of 04/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	03/08/2015	09.28	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	02/08/2015	16.44	03/08/2015	08.14	HT	Over Voltage
Chandrapur Bhadravati III	InterState	03/08/2015	09.52	03/08/2015	15.18	PO	Insulator Replacement Work.
Kolhapur Mapusa II	InterState	03/08/2015	16.43	04/08/2015	07.02	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 (REC @ 11.38 Hrs).
Babhaleshwar-Taptitanda ckt-I	IntraState	01/08/2015	12.04		Continued.	PO	Line Crossing work of 765KV A'bad-Solapur D/C By PGCIL (REC @ 11.38 Hrs).
karad -kolhapur-I	IntraState	02/08/2015	16.18	03/08/2015	07.00	HT	Over Voltage
Karad-Jaigad - I	IntraState	02/08/2015	16.30	03/08/2015	08.19	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	02/08/2015	17.20	03/08/2015	06.42	HT	Over Voltage
Lonikand I - Koyana stage-IV	IntraState	02/08/2015	22.05	03/08/2015	07.01	HT	Over Voltage
karad -kolhapur-II	IntraState	03/08/2015	16.38		Continued.	HT	Over Voltage
Girwali- Lonikand 2	IntraState	03/08/2015	16.46	03/08/2015	17.12	EO	For Attending Heavy Oil Leakage in Line Reactor.
Karad - Jaigad - II	IntraState	03/08/2015	17.54		Continued.	HT	Over Voltage
Girwali- Lonikand 2	IntraState	03/08/2015	18.46	03/08/2015	18.59	EO	Taking Line Reactor in Service.
Bhusawal-Aurangabad	IntraState	03/08/2015	21.03		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
Talandage - Sawantwadi I	IntraState	03/08/2015	08.04	03/08/2015	19.18	PO	Construction of 765 KV Kudgi-Kolhapur D/D Line.
Pedhambe - Oni	IntraState	03/08/2015	09.50	03/08/2015	15.15	T	Distance Protection B Ph.
Wadkhal - Ndil3	IntraState	03/08/2015	12.30	03/08/2015	17.35	HT	For Crane Passing Due to Construction Work @ Ispat End.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/110 Kv 200 MVA ICT-III @Kolhapur-II (Mudshingi)	IntraState	03/08/2015	14.50	03/08/2015	16.50	PO	Testing Work

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