

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Aug/2015 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	105.507	105.507	1) Gujrat	11.727	11.727
2) Hydro	9.123	9.123	2) Madhya Pradesh	10.813	10.813
3) Gas	3.104	3.104	3) Chattisgarh	3.600	3.600
Total MSPGCL	117.734	117.734	4) Maharashtra Net	76.766	76.766
B) 1) APML	40.970	40.970	5) Goa	-6.016	-6.016
2) JSWEL	25.491	25.491	6) TAPS 1&2 Injection	2.716	2.716
3) VIPL	6.082	6.082	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	18.140	18.140	8) Pench (MS)	0.133	0.133
5) WPCL	3.647	3.647	9) Pench (Excess)	-0.133	-0.133
6) Other IPP	1.571	1.571	Total	99.473	99.473
C) 1) TPCL Thermal	16.506	16.506	a) Mumbai Schedule	22.278	22.278
2) TPCL Hydro	4.058	4.058	b) Mumbai Drawl	28.981	28.981
3) TPCL Gas	1.656	1.656	c) MSEDCL Bilateral *	23.702	23.702
4) R-INFRA Thermal	6.180	6.180	Include PX	-1.594	-1.594
D) STATE			d) Mumbai Bilateral *	22.278	22.278
1) Thermal	224.094	224.094	Include PX	5.833	5.833
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	13.181	13.181	H) ENERGY CATERED (MUs)		
3) Gas	4.760	4.760	1) MSEDCL	315.740	315.740
4) Wind	30.395	30.395	2) Mumbai Discoms	57.379	57.379
6) SOLAR	1.218	1.218	TOTAL STATE	373.119	373.119
TOTAL STATE	273.648	273.648			

* 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 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4394	4423	4496	4355
MSPGCL Hydro	769	648	645	63
MSPGCL Gas	130	128	129	130
MSPGCL Total Generation	5293	5199	5270	4548
Central Sector Receipt	4761	4607	4391	3074
WIND	1453	1394	1152	1229
CPP / IPP	4085	4028	4095	3878
SOLAR	124	153	0	0
Exchange with Mumbai	-1495	-1496	-1295	-797
MSEDCL DEMAND MET	14221	13885	13613	11932
Load Shedding	50	46	39	41
MSEDCL DEMAND	14271	13931	13652	11973
TPCL GENERATION	1080	1150	1072	701
R-INFRA GENERATION	254	259	257	259
MUMBAI DEMAND	2829	2905	2624	1757
STATE DEMAND MET	17050	16790	16237	13689
STATE DEMAND	17100	16836	16276	13730
Frequency (Hz)	49.97	50.01	49.97	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 18:03 Hrs	49.73 Hz at 19:25 Hrs	49.98	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 01/Aug/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.38	3.38	150	123
Unit 6	0.00	0.00	0	0
Unit 7	3.57	3.57	165	134
Total	6.95	6.95		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.98	3.98	175	150
Unit 4	10.43	10.43	480	360
Unit 5	0.00	0.00	0	0
Total	14.41	14.41		
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	3.48	153	134
Unit 3	4.14	4.14	192	134
Unit 4	4.22	4.22	185	144
Unit 5	9.66	9.66	418	378
Unit 6	9.08	9.08	405	325
Unit 7	9.06	9.06	397	347
Total	39.63	39.63		
Paras				
Unit 3	4.98	4.98	221	181
Unit 4	5.12	5.12	231	191
Total	10.09	10.09		
Khaparkheda				
Unit 1	3.54	3.54	185	130
Unit 2	3.80	3.80	175	145
Unit 3	1.75	1.75	206	0
Unit 4	4.26	4.26	198	155
Unit 5	9.57	9.57	492	360
Total	22.94	22.94		
Nasik				
Unit 3	2.54	2.54	195	0
Unit 4	4.56	4.56	202	163
Unit 5	4.39	4.39	192	172
Total	11.49	11.49		
Uran				
All Units	3.10	3.10	133	127
Total	3.10	3.10		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.13	0.13	51	0
Total	0.13	0.13		
Koyna				
Stage 1-2	4.04	4.04	460	40
Stage 4	0.60	0.60	200	0
Stage 3	1.87	1.87	240	0
Total	6.50	6.50		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.24	0.24	61	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.08	0.08	4	3
BHIRA T.R.	0.41	0.41	80	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.54	0.54	32	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.06	0.06	9	0
GHATGHAR	1.29	1.29	240	0
Total	2.62	2.62		
Wind				
Total	30.40	30.40	0	0
Total	30.40	30.40		
CPP				
APML(Mus)	40.97	40.97	0	0
JSWEL(Mus)	25.49	25.49	0	0
VIPL(Mus)	6.08	6.08	0	0
RPLAMT(Mus)	18.14	18.14	0	0
WPCL(Mus)	3.65	3.65	0	0
Other(Mus)	1.57	1.57	0	0
Total	95.90	95.90		
SOLAR				
Total	1.22	1.22	0	0
Total	1.22	1.22		
Tata				
Trombay 5	10.80	10.80	494	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.66	1.66	103	64
Trombay 7B	0.00	0.00	0	0
Trombay 8	5.71	5.71	252	198
TATA Hydro	4.06	4.06	306	16
Total	22.22	22.22		
R-INFRA				
1-2	6.18	6.18	259	253
Total	6.18	6.18		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	105.51	105.51
MSPGCL Thml+Gas	108.61	108.61

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	9.12	9.12
MSPGCL Total	117.73	117.73

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	4.63	4.63
State Total	273.65	273.65

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/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	4218	192	130	4540	1060	4071	0	3707	3832	-1068	12435	58	12493	2066	14559	49.92
2	4215	76	130	4421	1103	3668	0	3432	4263	-984	12471	41	12512	1901	14413	49.94
3	4344	78	130	4552	1166	3938	0	3366	3525	-855	12326	41	12367	1810	14177	49.94
4	4355	63	130	4548	1229	3878	0	3347	3074	-797	11932	41	11973	1757	13730	49.98
5	4329	57	131	4517	1227	3968	0	3424	3237	-781	12168	41	12209	1741	13950	49.98
6	4378	232	131	4741	1302	3835	0	3583	3826	-869	12835	44	12879	1812	14691	50.01
7	4483	265	131	4879	1192	3978	3	3843	3789	-835	13006	46	13052	1897	14949	49.95
8	4558	270	132	4960	1176	4028	39	4249	4518	-942	13779	48	13827	2021	15848	49.98
9	4582	349	133	5064	1270	4008	84	4463	4649	-1128	13947	48	13995	2273	16268	49.99
10	4364	374	127	4865	1412	4062	123	4595	4839	-1339	13962	50	14012	2586	16598	49.96
11	4394	769	130	5293	1453	4085	124	4586	4761	-1495	14221	50	14271	2829	17100	49.97
12	4448	682	130	5260	1495	4020	136	4411	4525	-1548	13888	48	13936	2917	16853	49.98
13	4423	648	128	5199	1394	4028	153	4043	4607	-1496	13885	46	13931	2905	16836	50.01
14	4388	321	127	4836	1350	4040	152	4172	4492	-1459	13411	42	13453	2802	16255	50.02
15	4307	411	128	4846	1335	4112	139	4243	4631	-1501	13562	42	13604	2796	16400	49.96
16	4107	584	128	4819	1407	4081	126	4340	4442	-1477	13398	42	13440	2780	16220	49.98
17	4205	350	129	4684	1440	4102	89	4092	4664	-1441	13538	39	13577	2734	16311	50.00
18	4401	185	129	4715	1523	4033	43	3129	3511	-1396	12429	37	12466	2680	15146	50.03
19	4454	158	127	4739	1373	4024	7	3697	3066	-1370	11839	37	11876	2589	14465	50.04
20	4438	483	129	5050	1105	4036	0	4255	4524	-1360	13355	39	13394	2644	16038	49.89
21	4496	645	129	5270	1152	4095	0	4270	4391	-1295	13613	39	13652	2624	16276	49.97
22	4546	557	127	5230	1029	3938	0	3807	4311	-1237	13271	39	13310	2520	15830	49.98
23	4535	626	129	5290	1106	3989	0	3708	4229	-1223	13391	39	13430	2427	15857	49.94
24	4539	748	129	5416	1096	3884	0	3439	3767	-1085	13078	39	13117	2270	15387	50.03
MUs	105.51	9.12	3.10	117.73	30.40	95.90	1.22	94.20	99.47	-28.98	315.74	1.04	316.78	57.38	374.16	49.98

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 01/Aug/2015

Position as on 6.30 Hrs of 02/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		Continued.	filter problem	
MSPGCL	Nasik Unit 3	210	28/07/2015	14.55	01/08/2015	05.20	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 5	500	29/07/2015	06.29		Continued.	Boiler Tube Leakage	
CPP	WPCL U-1	135	31/07/2015	10.02	01/08/2015	23.28	Less Export Schedule.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 01/Aug/2015

Position as on 6.30 Hrs of 02/Aug/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	
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	
MSPGCL	Nasik Unit 3	210	01/08/2015	15.05	01/08/2015	16.50	Flame Failure	
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		Continued.	Furnace Pressure High	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 01/Aug/2015

Statement-VII

Position as on 6.30 Hrs of 02/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 II	InterState	31/07/2015	16.50	01/08/2015	09.54	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	31/07/2015	22.08	01/08/2015	08.48	HT	Over Voltage
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
Karad -kolhapur-I	IntraState	31/07/2015	16.01	01/08/2015	08.56	HT	Over Voltage
Karad-Jaigad - I	IntraState	31/07/2015	17.11	01/08/2015	09.11	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	31/07/2015	20.40	01/08/2015	06.55	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	31/07/2015	22.08	01/08/2015	07.02	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
Girwali - Lonikand 1	IntraState	01/08/2015	17.31	01/08/2015	20.02	EO	Repl.of Jumper of Line Reactor Isolator
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
Chalisgaon -Babhaleshwar	IntraState	31/07/2015	18.32	01/08/2015	13.34	T	Distance Protection
Lamboti-Vita	IntraState	01/08/2015	06.18	01/08/2015	06.39	T	Distance Protection
Dhule-Chalisagaon	IntraState	01/08/2015	08.05	01/08/2015	19.00	PO	OPGW Work
Pedhambe - Oni	IntraState	01/08/2015	08.49	01/08/2015	17.40	T	Distance Protection
Boisar Versova Line	IntraState	01/08/2015	10.38	02/08/2015	20.28	HT	Overloading of Bhoiser PG Lines
Telco- Chinchwad	IntraState	01/08/2015	16.19	01/08/2015	18.33	PO	Main Breaker Problem
Lamboti-Vita	IntraState	01/08/2015	17.13	01/08/2015	19.22	EO	Repl.of Insulator String
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
Mulund - Gis Bhandup	IntraState	02/08/2015	09.02	02/08/2015	14.20	PO	To attend Hot Spot
Bapgaon - Kalwa	IntraState	02/08/2015	09.02	02/08/2015	14.04	PO	Testing Work

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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Aug/2015

Statement-VII

Position as on 6.30 Hrs of 02/Aug/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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
132 KV LINE Outages/Trippings							
Bhandara-Tekepar	IntraState	01/08/2015	06.16	01/08/2015	07.14	T	Distance Protection
Tekepar-Kardha	IntraState	01/08/2015	06.16	01/08/2015	07.16	T	Distance Protection

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