

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Aug/2015 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	78.634	1417.018	1) Gujrat	12.680	111.617
2) Hydro	7.806	105.930	2) Madhya Pradesh	12.947	168.239
3) Gas	6.572	92.380	3) Chattisgarh	3.720	69.650
Total MSPGCL	93.012	1615.328	4) Maharashtra Net	70.669	1198.035
B) 1) APMIL	42.830	692.510	5) Goa	-5.011	-90.244
2) JSWEL	23.747	388.309	6) TAPS 1&2 Injection	2.588	39.882
3) VIPL	9.178	88.499	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	15.490	241.459	8) Pench (MS)	0.782	3.850
5) WPCL	3.369	49.071	9) Pench (Excess)	-0.782	-2.804
6) Other IPP	2.051	28.451	Total	96.811	1494.375
C) 1) TPCL Thermal	13.110	233.864	a) Mumbai Schedule	19.127	333.123
2) TPCL Hydro	1.933	52.615	b) Mumbai Drawl	23.773	392.962
3) TPCL Gas	1.372	22.933	c) MSEDCL Bilateral *	22.375	405.787
4) R-INFRA Thermal	9.492	161.201	Include PX	-1.717	6.385
D) STATE			d) Mumbai Bilateral *	19.127	333.123
1) Thermal	197.901	3300.382	Include PX	0.000	83.649
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	9.739	158.545	H) ENERGY CATERED (MUs)		
3) Gas	7.944	115.313	1) MSEDCL	285.742	4630.849
4) Wind	21.917	412.070	2) Mumbai Discoms	49.681	863.557
6) SOLAR	1.110	13.739	TOTAL STATE	335.423	5494.406
TOTAL STATE	238.611	4000.049			

* 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 24 Hrs
MSPGCL Thermal	3350	3298	3259	3286
MSPGCL Hydro	767	225	544	315
MSPGCL Gas	271	272	268	273
MSPGCL Total Generation	4388	3795	4071	3874
Central Sector Receipt	4375	4430	3929	4119
WIND	898	918	1193	789
CPP / IPP	3934	4033	3778	3854
SOLAR	136	126	0	0
Exchange with Mumbai	-996	-1041	-1194	-1165
MSEDCL DEMAND MET	12735	12261	11777	11471
Load Shedding	28	28	34	34
MSEDCL DEMAND	12763	12289	11811	11505
TPCL GENERATION	783	780	737	592
R-INFRA GENERATION	395	393	397	396
MUMBAI DEMAND	2174	2214	2328	2153
STATE DEMAND MET	14909	14475	14105	13624
STATE DEMAND	14937	14503	14139	13658
Frequency (Hz)	49.93	49.98	49.90	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 17:06 Hrs	49.67 Hz at 00:07 Hrs	49.97	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 15/Aug/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	42.78	0	0
Unit 6	0.00	0.00	0	0
Unit 7	3.83	55.67	176	150
Total	3.83	98.46		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.88	58.16	170	135
Unit 4	0.00	125.89	0	0
Unit 5	0.00	0.00	0	0
Total	3.88	184.04		
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	2.64	48.13	125	101
Unit 3	3.45	44.96	170	0
Unit 4	3.89	56.40	171	156
Unit 5	7.53	128.92	355	275
Unit 6	7.06	115.36	335	265
Unit 7	6.11	117.01	300	225
Total	30.68	510.78		
Paras				
Unit 3	4.17	68.77	194	158
Unit 4	4.63	70.70	203	181
Total	8.80	139.47		
Khaparkheda				
Unit 1	0.00	46.00	0	0
Unit 2	3.06	49.01	150	105
Unit 3	3.18	49.34	142	120
Unit 4	3.38	56.91	153	115
Unit 5	8.48	94.04	412	275
Total	18.10	295.30		
Nasik				
Unit 3	4.52	66.32	195	175
Unit 4	4.44	67.58	195	171
Unit 5	4.40	55.07	186	179
Total	13.36	188.96		
Uran				
All Units	6.57	92.38	285	268
Total	6.57	92.38		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.78	3.85	54	21
Total	0.78	3.85		
Koyna				
Stage 1-2	2.85	42.98	445	40
Stage 4	1.04	16.45	406	0
Stage 3	1.49	20.43	240	0
Total	5.38	79.85		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.44	0	0
TILLARI	0.15	1.94	59	0
BHTGR/VEER	0.06	1.14	3	2
BHIRA T.R.	0.29	5.36	61	0
RNGR+BHTSA	0.00	0.17	0	0
BHANDARDRA	0.48	3.24	33	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.13	1.19	12	2
GHATGHAR	1.32	12.60	250	0
Total	2.43	26.08		
Wind				
Total	21.92	412.07	0	0
Total	21.92	412.07		
CPP				
APML(Mus)	42.83	692.51	0	0
JSWEL(Mus)	23.75	388.31	0	0
VIPL(Mus)	9.18	88.50	0	0
RPLAMT(Mus)	15.49	241.46	0	0
WPCL(Mus)	3.37	49.07	0	0
Other(Mus)	2.05	28.45	0	0
Total	96.66	1488.30		
SOLAR				
Total	1.11	13.74	0	0
Total	1.11	13.74		
Tata				
Trombay 5	7.76	149.44	371	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.37	22.93	65	36
Trombay 7B	0.00	0.00	0	0
Trombay 8	5.35	84.42	250	199
TATA Hydro	1.93	52.62	194	0
Total	16.42	309.41		
R-INFRA				
1-2	9.49	161.20	399	393
Total	9.49	161.20		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	78.63	1417.02
MSPGCL Thml+Gas	85.21	1509.40

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.81	105.93
MSPGCL Total	93.01	1615.33

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	3.89	59.42
State Total	238.61	4000.05

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/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	3020	396	280	3696	617	4534	0	4348	4590	-1072	12365	47	12412	2121	14533	49.91
2	3036	100	284	3420	555	4431	0	4553	4589	-978	12017	27	12044	1929	13973	49.94
3	3011	65	285	3361	497	4299	0	4501	4804	-848	12113	27	12140	1833	13973	49.94
4	3115	70	285	3470	513	4168	0	4701	4915	-813	12253	27	12280	1767	14047	49.91
5	3201	75	275	3551	567	4008	0	4550	4928	-805	12249	27	12276	1758	14034	49.88
6	3315	225	274	3814	613	4206	0	4195	5095	-709	13019	28	13047	1832	14879	49.91
7	3385	492	275	4152	639	4298	2	4469	4515	-771	12835	28	12863	1877	14740	49.97
8	3364	315	275	3954	581	4280	36	5005	4652	-848	12655	28	12683	1927	14610	50.02
9	3441	180	275	3896	696	4241	78	4664	4751	-920	12742	28	12770	1992	14762	50.01
10	3431	405	274	4110	721	4143	109	3972	4333	-1015	12401	28	12429	2078	14507	49.98
11	3350	767	271	4388	898	3934	136	3656	4375	-996	12735	28	12763	2174	14937	49.93
12	3297	587	268	4152	727	3956	134	3413	4089	-1003	12055	28	12083	2179	14262	49.97
13	3298	225	272	3795	918	4033	126	3845	4430	-1041	12261	28	12289	2214	14503	49.98
14	3298	130	272	3700	1088	3734	111	3604	4057	-1034	11656	34	11690	2144	13834	50.08
15	3320	219	270	3809	1280	3956	137	3325	3309	-993	11498	33	11531	2112	13643	50.04
16	3352	229	270	3851	1287	3870	128	2998	3308	-1001	11443	33	11476	2110	13586	50.04
17	3362	185	269	3816	1621	3732	71	3012	2875	-1013	11102	33	11135	2094	13229	50.08
18	3336	93	270	3699	1475	3698	38	2409	2131	-1022	10019	33	10052	2103	12155	50.06
19	3297	102	269	3668	1386	3800	4	2272	2658	-1067	10449	33	10482	2145	12627	49.95
20	3278	761	270	4309	1331	3723	0	3182	3436	-1138	11661	34	11695	2307	14002	49.89
21	3259	544	268	4071	1193	3778	0	3658	3929	-1194	11777	34	11811	2328	14139	49.90
22	3244	749	274	4267	1127	3844	0	2929	3367	-1151	11454	34	11488	2295	13783	49.94
23	3338	577	274	4189	798	4145	0	3439	3556	-1176	11512	34	11546	2208	13754	49.97
24	3286	315	273	3874	789	3854	0	3629	4119	-1165	11471	34	11505	2153	13658	49.97
MUs	78.63	7.81	6.57	93.01	21.92	96.67	1.11	90.33	96.81	-23.77	285.74	0.75	286.49	49.68	336.17	49.97

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 15/Aug/2015

Position as on 6.30 Hrs of 16/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	
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	
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	Koradi Unit 5	200	13/08/2015	09.04		Continued.	water lodged at ht cooler booster pump	
MSPGCL	Koradi Unit-8	660	13/08/2015	10.13		Continued.	Coal mill problem	
MSPGCL	Khaparkheda Unit 1	210	13/08/2015	17.18	16/08/2015	15.42	Coal bunkering problem	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 15/Aug/2015

Position as on 6.30 Hrs of 16/Aug/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 4	500	13/08/2015	19.30		Continued.	water wall leakage	
MSPGCL	Chandrapur Unit 3	210	14/08/2015	19.39	15/08/2015	01.02	Drum Level High Protection.	
IPP	RPL(AMT) U-4	270	15/08/2015	15.57		Continued.	Generator abnormal sound	
MSPGCL	Khaparkheda Unit 4	210	16/08/2015	13.10		Continued.	Turbine bearing Vabration high	
MSPGCL	Chandrapur Unit 4	210	16/08/2015	15.05	16/08/2015	23.17	Turbine Trip	
MSPGCL	Nasik Unit 5	210	16/08/2015	21.50		Continued.	Economizer Tube Leakage.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Aug/2015

Statement-VII

Position as on 6.30 Hrs of 16/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	14/08/2015	16.20	16/08/2015	09.09	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	14/08/2015	18.50	15/08/2015	07.23	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	15/08/2015	16.09	16/08/2015	09.15	HT	Over Voltage
Parli (Pg) Wardha (Pg) I	InterState	16/08/2015	10.56	16/08/2015	18.38	PO	To attend Damaged Conductor
Kolhapur Mapusa II	InterState	16/08/2015	16.09		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	16/08/2015	17.16		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).
Babhaleshwar-Taptitanda ckt-I	IntraState	14/08/2015	09.32	16/08/2015	08.44	HT	To Control Padghe-Bbblsr-II Line Loading.
karad -kolhapur-II	IntraState	14/08/2015	16.08	16/08/2015	08.03	HT	Over Voltage
Karad - Jaigad - II	IntraState	14/08/2015	16.36	16/08/2015	08.27	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	14/08/2015	17.12	16/08/2015	07.28	HT	Over Voltage
Lonikand 1 -Jejuri	IntraState	15/08/2015	02.03	15/08/2015	02.51	T	Distance Protection
Lonikand I - Koyna stage-IV	IntraState	15/08/2015	03.08	16/08/2015	11.04	HT	Over Voltage
Lonikand 1 -Jejuri	IntraState	15/08/2015	11.48	15/08/2015	19.42	EO	Replacement of Insulator String
Padghe - Nagothane - I	IntraState	15/08/2015	18.09	16/08/2015	13.18	HT	Over Voltage
karad -kolhapur-I	IntraState	16/08/2015	16.03		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	16/08/2015	16.34		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	16/08/2015	17.13		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	16/08/2015	17.19		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
Kalwa-Salsette-IV	IntraState	15/08/2015	07.18	15/08/2015	17.29	PO	Attending Hot Spot
Kalwa-Salsette-VI	IntraState	15/08/2015	08.05	15/08/2015	16.23	PO	Attending Hot Spot
Padghe - Vasai-II	IntraState	15/08/2015	08.35		Continued.	PO	Removal of Jumper & bunching work at Loc.No.51/1&35(Charged upto Loc.No/51/1 from Padgha 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-Salsette-IV	IntraState	16/08/2015	08.30		Continued.	EO	To attend Hot Spot
Borivali - Ghodbunder	IntraState	16/08/2015	13.14	16/08/2015	16.55	PO	Bunching at Loc.No.51/1 for making New Temp.220KV Vasai-Boisar 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							
Mul-Sindewahi	IntraState	16/08/2015	03.54	16/08/2015	04.15	T	Distance Protection
Deepnagar- Muktainagar	IntraState	16/08/2015	19.24	16/08/2015	19.48	T	Distance Protection

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