

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Sep/2015 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	109.800	796.562	1) Gujrat	5.506	37.808
2) Hydro	14.889	104.663	2) Madhya Pradesh	9.624	101.647
3) Gas	6.389	50.833	3) Chattisgarh	3.890	39.550
Total MSPGCL	131.078	952.058	4) Maharashtra Net	99.307	832.296
B) 1) APMIL	51.700	446.500	5) Goa	-7.787	-60.194
2) JSWEL	27.691	219.537	6) TAPS 1&2 Injection	4.853	30.755
3) VIPL	11.849	96.688	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	23.920	167.173	8) Pench (MS)	0.223	6.033
5) WPCL	3.936	30.350	9) Pench (Excess)	-0.223	-6.033
6) Other IPP	2.108	16.806	Total	115.170	975.829
C) 1) TPCL Thermal	16.793	136.477	a) Mumbai Schedule	23.959	192.949
2) TPCL Hydro	2.351	18.957	b) Mumbai Drawl	26.326	194.832
3) TPCL Gas	4.046	23.472	c) MSEDCL Bilateral *	23.728	267.566
4) R-INFRA Thermal	12.101	97.432	Include PX	-1.015	40.144
D) STATE			d) Mumbai Bilateral *	23.959	191.999
1) Thermal	259.898	2007.525	Include PX	1.056	11.317
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.950
2) Hydro	17.240	123.620	H) ENERGY CATERED (MUs)		
3) Gas	10.435	74.305	1) MSEDCL	346.170	2789.583
4) Wind	4.049	70.884	2) Mumbai Discoms	61.619	471.158
6) SOLAR	0.995	8.590	TOTAL STATE	407.789	3260.741
TOTAL STATE	292.617	2284.924			

* 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 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	4609	4573	4707	4405
MSPGCL Hydro	1340	1493	652	127
MSPGCL Gas	260	257	264	272
MSPGCL Total Generation	6209	6323	5623	4804
Central Sector Receipt	5757	5215	5155	4077
WIND	34	64	171	213
CPP / IPP	4834	4761	5231	5006
SOLAR	123	136	0	0
Exchange with Mumbai	-1455	-1442	-1317	-711
MSEDCL DEMAND MET	15502	15057	14863	13389
Load Shedding	30	30	32	21
MSEDCL DEMAND	15532	15087	14895	13410
TPCL GENERATION	1138	1142	1045	670
R-INFRA GENERATION	518	518	517	396
MUMBAI DEMAND	3111	3102	2879	1777
STATE DEMAND MET	18613	18159	17742	15166
STATE DEMAND	18643	18189	17774	15187
Frequency (Hz)	49.88	49.84	49.85	49.88

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 18:01 Hrs	49.66 Hz at 14.54 Hrs	49.88	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 08/Sep/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.44	26.47	155	125
Unit 6	0.00	0.00	0	0
Unit 7	3.37	30.19	165	0
Total	6.81	56.66		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.00	32.46	175	160
Unit 4	10.70	83.93	485	400
Unit 5	9.24	39.54	410	350
Total	23.95	155.92		
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	3.42	24.71	150	133
Unit 3	4.47	24.74	204	155
Unit 4	0.00	0.00	0	0
Unit 5	9.40	74.15	415	370
Unit 6	10.10	76.07	440	395
Unit 7	8.15	65.91	385	310
Total	35.54	265.58		
Paras				
Unit 3	5.07	38.98	221	176
Unit 4	5.24	42.32	247	190
Total	10.32	81.30		
Khaparkheda				
Unit 1	0.45	9.46	145	0
Unit 2	3.64	26.24	165	135
Unit 3	3.74	26.12	177	142
Unit 4	3.70	26.39	175	141
Unit 5	7.97	59.75	386	300
Total	19.50	147.96		
Nasik				
Unit 3	4.60	35.98	200	175
Unit 4	4.47	21.36	198	178
Unit 5	4.61	31.78	203	165
Total	13.68	89.13		
Uran				
All Units	6.39	50.83	274	257
Total	6.39	50.83		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.22	6.03	53	0
Total	0.22	6.03		
Koyna				
Stage 1-2	5.00	34.80	515	40
Stage 4	5.24	34.80	751	0
Stage 3	2.21	15.72	240	0
Total	12.45	85.32		
Hydro				
KDPH	0.44	3.94	19	18
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	1.57	77	0
RNGR+BHTSA	0.30	0.88	15	0
BHANDARDRA	0.50	4.08	37	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.38	2.17	23	12
GHATGHAR	0.70	6.69	189	0
Total	2.44	19.34		
Wind				
Total	4.05	70.88	0	0
Total	4.05	70.88		
CPP				
APML(Mus)	51.70	446.50	0	0
JSWEL(Mus)	27.69	219.54	0	0
VIPL(Mus)	11.85	96.69	0	0
RPLAMT(Mus)	23.92	167.17	0	0
WPCL(Mus)	3.94	30.35	0	0
Other(Mus)	2.11	16.81	0	0
Total	121.20	977.05		
SOLAR				
Total	1.00	8.59	0	0
Total	1.00	8.59		
Tata				
Trombay 5	11.00	89.59	493	320
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.50	19.24	110	89
Trombay 7B	1.54	4.23	66	59
Trombay 8	5.80	46.89	252	202
TATA Hydro	2.35	18.96	244	0
Total	23.19	178.91		
R-INFRA				
1-2	12.10	97.43	519	396
Total	12.10	97.43		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	109.80	796.56
MSPGCL Thml+Gas	116.19	847.40

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	14.89	104.66
MSPGCL Total	131.08	952.06

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	10.24	69.60
State Total	292.62	2284.92

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/Sep/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	4436	98	271	4805	131	5264	0	4827	4827	-781	14246	34	14280	2209	16489	49.88
2	4436	98	271	4805	213	5267	0	4666	4259	-607	13937	21	13958	2009	15967	49.85
3	4410	123	271	4804	207	5123	0	4430	4213	-653	13694	21	13715	1854	15569	49.85
4	4420	122	271	4813	208	5008	0	4328	4103	-704	13428	21	13449	1774	15223	49.89
5	4405	127	272	4804	213	5006	0	4314	4077	-711	13389	21	13410	1777	15187	49.88
6	4447	122	272	4841	199	4957	0	4645	4678	-712	13963	21	13984	1850	15834	49.93
7	4572	496	274	5342	192	5115	4	4737	4732	-586	14799	21	14820	2034	16854	49.87
8	4571	837	272	5680	162	5137	27	4975	4841	-803	15044	21	15065	2234	17299	49.96
9	4611	957	268	5836	145	4815	67	5402	5188	-1030	15021	21	15042	2485	17527	49.97
10	4592	1336	264	6192	121	4927	116	5430	5292	-1232	15416	21	15437	2876	18313	49.91
11	4618	1397	262	6277	62	4752	127	5549	5486	-1424	15280	21	15301	3080	18381	49.84
12	4609	1340	260	6209	34	4834	123	5500	5757	-1455	15502	30	15532	3111	18643	49.88
13	4573	1493	257	6323	64	4761	136	5312	5215	-1442	15057	30	15087	3102	18189	49.84
14	4602	1518	263	6383	86	4842	120	5044	4885	-1349	14967	32	14999	2993	17992	49.92
15	4536	1493	263	6292	124	4849	124	5037	4892	-1398	14883	32	14915	3034	17949	49.82
16	4590	1248	266	6104	269	5037	89	5151	4937	-1405	15031	32	15063	3051	18114	49.82
17	4629	466	264	5359	342	5161	41	5178	4973	-1361	14515	28	14543	3035	17578	49.79
18	4626	159	260	5045	286	5154	19	4426	4680	-1416	13768	23	13791	2975	16766	49.92
19	4652	265	262	5179	271	5257	2	4282	4477	-1302	13884	23	13907	2841	16748	49.92
20	4707	652	264	5623	171	5231	0	5136	5155	-1317	14863	32	14895	2879	17774	49.85
21	4730	190	262	5182	157	5273	0	5134	4671	-1251	14032	32	14064	2719	16783	49.90
22	4734	119	265	5118	127	5201	0	4872	4703	-1204	13945	32	13977	2654	16631	49.91
23	4659	100	268	5027	141	5144	0	4762	4665	-1146	13831	23	13854	2575	16429	49.87
24	4635	133	267	5035	124	5089	0	4805	4464	-1037	13675	23	13698	2466	16164	49.95
MUs	109.80	14.89	6.39	131.08	4.05	121.20	1.00	117.94	115.17	-26.33	346.17	0.62	346.79	61.62	408.40	49.88

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 08/Sep/2015

Position as on 6.30 Hrs of 09/Sep/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
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	Chandrapur Unit 4	210	29/08/2015	23.55		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	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	
MSPGCL	Koradi Unit-8	660	20/08/2015	09.50	09/09/2015	05.38	ESP problem	
CPP	WPCL U-1	135	25/08/2015	19.18		Continued.	Maintenance work	
MSPGCL	Khaparkheda Unit 1	210	03/09/2015	22.26	08/09/2015	19.30	Boiler Tube Leakage	
IPP	Adani U-5	660	06/09/2015	13.03		Continued.	Bottom Ash Problem	
MSPGCL	Chandrapur Unit-8	500	07/09/2015	18.00	08/09/2015	02.09	Drum level low	
MSPGCL	Chandrapur Unit-8	500	08/09/2015	11.32		Continued.	Drum Level Very High.	
MSPGCL	Koradi Unit 7	210	08/09/2015	22.44		Continued.	Boiler Validity Extention.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 08/Sep/2015

Position as on 6.30 Hrs of 09/Sep/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit-8	660	09/09/2015	06.19		Continued.	During Change Over from TCS to DCS.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 08/Sep/2015

Statement-VII

Position as on 6.30 Hrs of 09/Sep/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	07/09/2015	18.30	08/09/2015	07.16	HT	Over Voltage
Parli (Pg) Wardha (Pg) I	InterState	08/09/2015	07.48	08/09/2015	14.49	EO	To Replace Jumper.
Kolhapur Mapusa II	InterState	08/09/2015	17.36		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	08/09/2015	23.08		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	04/09/2015	15.23		Continued.	HT	To control padgha-bblr 2 line overloading
Akola II - Taptitanda ckt-I	IntraState	05/09/2015	21.56		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	07/09/2015	16.37		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	07/09/2015	17.06	08/09/2015	09.45	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	07/09/2015	18.10	08/09/2015	09.30	HT	Over Voltage
Chandrapur-Parali III	IntraState	08/09/2015	09.33		Continued.	PO	Shifted on TBC to Replace Trip Coil of Main Breaker.
Deepnagar - Aurangabad	IntraState	08/09/2015	09.38	08/09/2015	20.17	PO	Line Maintenance work
Padghe - Nagothane - I	IntraState	08/09/2015	13.40	08/09/2015	20.16	EO	Attending Hot Spot
Karad - Jaigad - II	IntraState	08/09/2015	17.07		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	08/09/2015	18.05		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315 MVA ICT I @ Kolhapur	IntraState	08/09/2015	06.28	08/09/2015	19.02	PO	Quarterly Maintainance Work
220 KV LINE Outages/Trippings							
Nasik Navsari II	InterState	08/09/2015	23.19		Continued.	T	Distance Protection
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
Akola-Paras Ckt No-li	IntraState	07/09/2015	22.55	08/09/2015	04.05	T	TCSR Optd,PDR Optd DC Fail Problem @ Paras.
Osmanabad - Solapur (Bale)	IntraState	08/09/2015	07.25	08/09/2015	20.55	PO	PGCIL Line Crossing Work of Const of 765KV Solapur-A'bad Line.
Mururd - Tuljapur	IntraState	08/09/2015	07.26	08/09/2015	21.08	PO	PGCIL Outage.
Karad - Vita Ckt- I	IntraState	08/09/2015	08.46	08/09/2015	18.06	PO	Replacement of Line Disc Insulator.
Miraj - Ichalkaranji II	IntraState	08/09/2015	10.05	08/09/2015	12.55	PO	Quarterly Maintainance Work
Kanhan-Bhandara I	IntraState	08/09/2015	10.28	08/09/2015	13.37	PO	Carrying Out Signature Test.
Pophli Pedhmbe Line- 2	IntraState	08/09/2015	10.45	08/09/2015	18.25	PO	Preventive Maintenance.
Khadka-Chalisgaon-2	IntraState	08/09/2015	12.15	08/09/2015	16.16	PO	To Attend Hot Spot on Y Ph Jumper.
Niwali - Pawas Line	IntraState	08/09/2015	14.05	08/09/2015	17.04	T	Distance Protection B Ph.
Adlabs - Pedambe	IntraState	08/09/2015	15.24	08/09/2015	16.00	T	Distance Protection
Trombay Salsette 1 Backbay	IntraState	08/09/2015	18:33	08/09/2015	19:35	T	Distance Protection
Parli New Tps - Beed Ckt 2	IntraState	08/09/2015	19.45	08/09/2015	21.24	T	Distance Protection Operated

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 08/Sep/2015

Statement-VII

Position as on 6.30 Hrs of 09/Sep/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Zone-I R Phase.
Sahara-Urse	IntraState	09/09/2015	02.49		Continued.	T	Distance Protection
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							
Kanhan-Uppalwadi	IntraState	07/09/2015	23.25	08/09/2015	09.13	T	CB Tripped on PDR @ Kanhan End
Harangul - Nilanga	IntraState	08/09/2015	21.37	08/09/2015	21.54	T	Distance Protection Operated Zone-II R Phase.
Harangul - Nilanga	IntraState	08/09/2015	22.12		Continued.	T	Distance Protection Operated Zone-II R Phase.