

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	94.388	285.457	1) Gujrat	3.132	7.760
2) Hydro	17.887	48.134	2) Madhya Pradesh	13.272	40.164
3) Gas	6.346	19.010	3) Chattisgarh	5.870	16.110
Total MSPGCL	118.621	352.601	4) Maharashtra Net	113.351	319.876
B) 1) APML	59.460	162.000	5) Goa	-7.590	-20.565
2) JSWEL	26.875	82.851	6) TAPS 1&2 Injection	2.774	7.649
3) VIPL	13.131	37.669	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	16.906	54.813	8) Pench (MS)	0.965	3.014
5) WPCL	3.884	11.807	9) Pench (Excess)	-0.965	-3.014
6) Other IPP	2.536	7.363	Total	129.844	367.980
C) 1) TPCL Thermal	17.782	51.553	a) Mumbai Schedule	25.998	77.076
2) TPCL Hydro	3.141	9.421	b) Mumbai Drawl	24.953	75.494
3) TPCL Gas	2.493	7.169	c) MSEDCL Bilateral *	37.795	106.983
4) R-INFRA Thermal	11.733	36.109	Include PX	2.022	10.200
D) STATE			d) Mumbai Bilateral *	25.998	77.076
1) Thermal	246.695	729.622	Include PX	2.464	7.018
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	21.028	57.555	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	8.839	26.179	1) MSEDCL	352.776	1043.004
4) Wind	5.340	38.068	2) Mumbai Discoms	60.100	179.732
6) SOLAR	1.132	3.346	TOTAL STATE	412.876	1222.736
TOTAL STATE	283.034	854.770			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	3974	4023	3955	3958
MSPGCL Hydro	1272	1262	1355	521
MSPGCL Gas	261	258	262	269
MSPGCL Total Generation	5507	5543	5572	4748
Central Sector Receipt	6558	5868	5369	4098
WIND	22	136	399	251
CPP / IPP	5281	5284	5299	4600
SOLAR	137	105	0	0
Exchange with Mumbai	-1332	-1386	-1398	-510
MSEDCL DEMAND MET	16173	15550	15241	13187
Load Shedding	110	283	76	28
MSEDCL DEMAND	16283	15833	15317	13215
TPCL GENERATION	1142	1086	1116	805
R-INFRA GENERATION	510	515	303	519
MUMBAI DEMAND	2984	2987	2817	1834
STATE DEMAND MET	19157	18537	18058	15021
STATE DEMAND	19267	18820	18134	15049
Frequency (Hz)	49.88	49.83	49.82	49.87

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.08 Hz at 07.01 Hrs	49.49 Hz at 19:11 Hrs	49.86	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/Sep/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.11	10.38	150	120
Unit 6	0.00	0.00	0	0
Unit 7	3.63	11.23	175	120
Total	6.74	21.62		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.98	12.14	170	155
Unit 4	10.42	31.38	470	385
Unit 5	0.00	0.00	0	0
Total	14.40	43.52		
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	3.21	9.59	145	112
Unit 3	4.10	12.39	195	125
Unit 4	0.00	0.00	0	0
Unit 5	9.06	27.64	405	320
Unit 6	10.03	27.17	450	380
Unit 7	8.14	24.21	356	314
Total	34.53	100.99		
Paras				
Unit 3	4.79	14.06	214	175
Unit 4	5.33	15.31	244	191
Total	10.12	29.37		
Khaparkheda				
Unit 1	2.78	9.01	135	0
Unit 2	3.30	9.38	150	120
Unit 3	3.00	8.95	138	117
Unit 4	3.23	9.30	141	125
Unit 5	7.28	21.39	340	260
Total	19.59	58.03		
Nasik				
Unit 3	4.46	13.30	195	175
Unit 4	0.00	5.34	0	0
Unit 5	4.54	13.28	198	182
Total	9.01	31.92		
Uran				
All Units	6.35	19.01	269	258
Total	6.35	19.01		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.96	3.01	54	21
Total	0.96	3.01		
Koyna				
Stage 1-2	6.58	16.50	485	40
Stage 4	6.86	16.80	738	0
Stage 3	2.86	7.74	240	0
Total	16.31	41.04		
Hydro				
KDPH	0.44	1.31	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.	0.34	0.76	80	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.49	1.48	38	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.18	0.87	15	5
GHATGHAR	0.13	2.67	106	0
Total	1.58	7.10		
Wind				
Total	5.34	38.07	0	0
Total	5.34	38.07		
CPP				
APML(Mus)	59.46	162.00	0	0
JSWEL(Mus)	26.88	82.85	0	0
VIPL(Mus)	13.13	37.67	0	0
RPLAMT(Mus)	16.91	54.81	0	0
WPCL(Mus)	3.88	11.81	0	0
Other(Mus)	2.54	7.36	0	0
Total	122.79	356.50		
SOLAR				
Total	1.13	3.35	0	0
Total	1.13	3.35		
Tata				
Trombay 5	11.79	33.96	495	486
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.49	7.17	115	64
Trombay 7B	0.00	0.00	0	0
Trombay 8	5.99	17.59	252	248
TATA Hydro	3.14	9.42	294	0
Total	23.42	68.14		
R-INFRA				
1-2	11.73	36.11	520	258
Total	11.73	36.11		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	94.39	285.46
MSPGCL Thml+Gas	100.73	304.47

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	17.89	48.13
MSPGCL Total	118.62	352.60

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	13.44	33.30
State Total	283.03	854.77

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/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	3960	596	269	4825	509	4557	0	4660	4831	-795	13927	35	13962	2113	16075	49.92
2	3923	576	267	4766	395	4618	0	4588	4738	-610	13907	28	13935	1933	15868	49.91
3	3958	521	269	4748	251	4600	0	4571	4098	-510	13187	28	13215	1834	15049	49.87
4	3937	152	268	4357	208	4638	0	4628	4997	-441	13759	28	13787	1766	15553	49.89
5	3922	121	269	4312	176	4746	0	4667	4682	-415	13501	28	13529	1740	15269	49.84
6	3874	251	268	4393	122	5030	0	5094	4792	-467	13870	97	13967	1837	15804	49.88
7	3894	574	269	4737	89	5169	2	5576	5384	-588	14793	276	15069	1985	17054	49.87
8	3914	381	268	4563	76	5142	34	5726	5618	-775	14658	365	15023	2148	17171	49.96
9	3863	725	266	4854	51	5317	91	5994	6243	-1046	15510	201	15711	2480	18191	49.93
10	3948	1246	263	5457	48	5233	133	6155	6390	-1228	16033	122	16155	2802	18957	49.91
11	3974	1272	261	5507	22	5281	137	6344	6558	-1332	16173	110	16283	2984	19267	49.88
12	4002	1164	262	5428	21	5233	177	6391	6487	-1382	15964	118	16082	3040	19122	49.87
13	4034	1125	262	5421	29	5273	144	6232	6120	-1350	15637	122	15759	3014	18773	49.82
14	3972	1197	263	5432	70	5279	110	5994	5814	-1278	15427	117	15544	2909	18453	49.80
15	3981	1325	262	5568	95	5276	130	5990	5770	-1362	15477	180	15657	2960	18617	49.75
16	4023	1262	258	5543	136	5284	105	5968	5868	-1386	15550	283	15833	2987	18820	49.83
17	3977	1004	258	5239	175	5264	49	5744	5750	-1363	15114	150	15264	2965	18229	49.77
18	3968	754	261	4983	278	5297	20	4721	4614	-1299	13893	112	14005	2904	16909	49.89
19	3988	687	262	4937	386	5293	0	4691	4429	-1193	13852	90	13942	2790	16732	49.82
20	3955	1355	262	5572	399	5299	0	5282	5369	-1398	15241	76	15317	2817	18134	49.82
21	3925	975	261	5161	485	5181	0	5267	5476	-1421	14882	57	14939	2715	17654	49.85
22	3928	300	264	4492	439	5233	0	5239	5181	-1236	14109	45	14154	2561	16715	49.85
23	3756	78	266	4100	450	5363	0	5216	5274	-1099	14088	25	14113	2453	16566	49.81
24	3712	246	268	4226	430	5186	0	5047	5358	-979	14221	25	14246	2365	16611	49.93
MUs	94.39	17.89	6.35	118.62	5.34	122.79	1.13	129.79	129.84	-24.95	352.77	2.72	355.49	60.10	415.59	49.86

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/Sep/2015

Position as on 6.30 Hrs of 04/Sep/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	03/09/2015	13.50	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	04/09/2015	04.35	Annual Overhaul	
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								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPL	Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
RGPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPL	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	
IPP	Adani U-2	660	04/08/2015	00.30	03/09/2015	04.03	ID Fan Problem	
MSPGCL	Koradi Unit-8	660	20/08/2015	09.50		Continued.	ESP problem	
MSPGCL	Chandrapur Unit-8	500	23/08/2015	21.35		Continued.	cooling water pump tripped	
CPP	WPCL U-1	135	25/08/2015	19.18		Continued.	Maintenance work	

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

Position as on 6.30 Hrs of 04/Sep/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Nasik Unit 4	210	02/09/2015	05.37		Continued.	ID Fan Problem	
IPP	RPL(AMT) U-1	270	02/09/2015	07.09	03/09/2015	02.50	Condensor Cleaning.	
IPP	RPL(AMT) U-4	270	02/09/2015	08.17		Continued.	P A Fan Problem.	
RINFRA-G	REL Unit 2	250	03/09/2015	19.13	03/09/2015	21.10	Due to control & Instrumentation card failure.	
MSPGCL	Khaparkheda Unit 1	210	03/09/2015	22.26		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 3	210	04/09/2015	04.22		Continued.	Steam valve problem	

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

Statement-VII

Position as on 6.30 Hrs of 04/Sep/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi-III - Tirora ckt-II	IntraState	03/09/2015	06.04	03/09/2015	16.35	EO	Attending Hot Spot on Tie bay(Line was in service through main brekar).
400 KV LINE Outages/Trippings							
Kolhapur Mapusa II	InterState	02/09/2015	16.36	03/09/2015	07.12	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	02/09/2015	23.03	03/09/2015	06.24	HT	Over Voltage
Kolhapur Mapusa II	InterState	03/09/2015	17.02	04/09/2015	05.40	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	20/07/2015	17.29		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	27/08/2015	11.20		Continued.	PO	opportunity outage for line rectification in work (RFC 16.50)
karad -kolhapur-I	IntraState	01/09/2015	11.08	03/09/2015	08.17	PO	Replacement of ABB Pole.
Karad-Jaigad - I	IntraState	02/09/2015	16.43	03/09/2015	06.52	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	02/09/2015	21.24	03/09/2015	06.00	HT	Over Voltage
karad -kolhapur-II	IntraState	03/09/2015	05.00	03/09/2015	05.57	T	Distance Protection
Jejuri- Koynastage-IV	IntraState	03/09/2015	05.23	03/09/2015	05.50	T	Distance Protection
karad -kolhapur-II	IntraState	03/09/2015	06.42	03/09/2015	15.55	T	Distance Protection
Girwali - Lonikand 1	IntraState	03/09/2015	13.14	03/09/2015	19.17	PO	765kv Aurangabad-Solapur line Crossing Work.
Girwali- Lonikand 2	IntraState	03/09/2015	13.18	03/09/2015	19.24	PO	765kv Aurangabad-Solapur line Crossing Work.
karad -kolhapur-I	IntraState	03/09/2015	16.35	04/09/2015	05.49	HT	Over Voltage
Chandrapur II - Chandrapur I	IntraState	03/09/2015	16.48	03/09/2015	20.28	PO	Repairing of strands of lilo jumper and REPL of B ph broken disc.
Karad - Jaigad - II	IntraState	03/09/2015	17.03	04/09/2015	06.28	T	Over Voltage
Bhusawal-Aurangabad	IntraState	03/09/2015	18.06		Continued.	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	04/09/2015	05.26		Continued.	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict-3 @Nagothane	IntraState	03/09/2015	09.42	03/09/2015	18.40	PO	Differential relay replacement and Tan Delta Measurement.
400/220/33kv 315MVA ICT-I @Lonikand	IntraState	03/09/2015	18.09	03/09/2015	19.41	PO	Oil top up work.
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
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
Nashik-Airoli Knowledge Park	IntraState	03/09/2015	03.20	03/09/2015	03.39	T	Distance Protection
Pedambe-Pophali	IntraState	03/09/2015	08.20	03/09/2015	18.30	PO	Line Maintenance work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/100 Kv 200 MVA ICT IV @Padghe	IntraState	03/09/2015	10.06	03/09/2015	16.23	EO	Insulator Jumper Replaced.

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 03/Sep/2015

Statement-VII

Position as on 6.30 Hrs of 04/Sep/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 200 Mva Bbl Ptr 4 @Phursungi	IntraState	03/09/2015	10.06	03/09/2015	17.35	PO	Half yearly maintenance work
220/132 kV 150MVA ICT-II @ Satara	IntraState	03/09/2015	12.05	03/09/2015	16.50	PO	Tan Delta Measurment of CTs