

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Sep/2016 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.956	1148.763	1) Gujrat	2.608	56.531
2) Hydro	5.510	78.654	2) Madhya Pradesh	8.104	105.574
3) Gas	6.512	64.026	3) Chattisgarh	4.460	47.460
Total MSPGCL	145.978	1291.443	4) Maharashtra Net	90.960	788.483
B) 1) APLM	66.229	555.211	5) Goa (Amona)	-0.616	-4.994
2) JSWEL	21.237	193.924	6) TAPS 1&2 Injection	7.621	76.838
3) VIPL	12.967	115.555	7) RGPPL Injection	11.593	120.780
4) RPL(AMT)	15.519	28.639	8) Pench (MS)	1.137	9.242
5) WPCL	4.622	42.259	9) Pench (Excess)	-1.137	-9.242
6) PGPL	6.852	61.882	Total	123.593	1181.430
7) Other IPP	2.722	26.216	a) Mumbai Schedule	22.747	189.708
C) 1) TPCL Thermal	5.483	128.658	b) Mumbai Drawl	25.352	234.661
2) TPCL Hydro	8.514	57.569	c) MSEDCL Bilateral *	23.392	268.563
3) TPCL Gas	4.448	43.601	Include PX	-5.714	-23.800
4) R-INFRA Thermal	11.216	103.774	d) Mumbai Bilateral *	22.233	189.194
D) STATE			Include PX	2.664	13.693
1) Thermal	273.951	2342.999	Include Standby	0.514	0.514
(A1+C1+C4+(B1-B6))			H) ENERGY CATERED (MUs)		
2) Hydro	14.024	136.223	1) MSEDCL	390.114	3489.528
(A2+C2)			2) Mumbai Discoms	55.013	568.264
3) Gas	17.812	169.509	TOTAL STATE	445.127	4057.792
(A3+B6+C3)					
4) Wind	14.751	217.169			
6) SOLAR	0.996	10.461			
TOTAL STATE	321.534	2876.361			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6070	5742	5951	4971
MSPGCL Hydro	340	163	1211	61
MSPGCL Gas	270	261	270	275
MSPGCL Total Generation	6680	6166	7432	5307
Central Sector Receipt	5735	6139	4863	3951
WIND	510	374	854	595
CPP / IPP Thermal	5353	5128	5614	4972
CPP / IPP Gas	286	283	286	286
SOLAR	102	130	0	0
Exchange with Mumbai	-1048	-1331	-1271	-781
MSEDCL DEMAND MET	17618	16890	17778	14331
Load Shedding	0	0	0	0
MSEDCL DEMAND	17618	16890	17778	14331
TPCL GENERATION	842	868	862	619
R-INFRA GENERATION	501	509	506	403
MUMBAI DEMAND	2391	2708	2639	1803
STATE DEMAND MET	20009	19598	20417	16134
STATE DEMAND	20009	19598	20417	16134
Frequency (Hz)	50.00	49.99	50.01	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 18.01 Hrs	49.86 Hz at 14.14 Hrs	50	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 10/Sep/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	10.83	0	0
Unit 6	0.00	0.00	0	0
Unit 7	3.46	35.31	171	120
Unit 8	12.51	110.47	651	400
Total	15.97	156.61		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.04	43.76	500	365
Unit 5	10.03	73.64	500	370
Total	20.08	117.40		
Parli				
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 3	4.49	42.08	197	162
Unit 4	4.38	22.39	188	165
Unit 5	9.53	88.38	430	250
Unit 6	9.96	94.61	450	310
Unit 7	10.10	92.16	432	394
Unit 8	7.75	87.08	497	0
Total	46.20	426.70		
Paras				
Unit 3	5.99	53.22	256	221
Unit 4	5.96	51.71	256	204
Total	11.96	104.93		
Khaparkheda				
Unit 1	3.82	19.78	195	125
Unit 2	3.86	37.60	175	145
Unit 3	4.45	42.11	195	165
Unit 4	4.29	40.47	192	163
Unit 5	10.76	104.56	500	290
Total	27.19	244.53		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.13	41.64	197	160
Unit 5	4.14	40.96	197	158
Total	8.27	82.60		
Uran				
All Units	6.51	64.03	287	261
Total	6.51	64.03		
PGPL				
Unit 1	4.34	39.27	182	179

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Unit 2	2.52	22.61	105	104
Total	6.85	61.88		
PENCH (MS)				
Pench (MS)	1.14	9.24	53	21
Total	1.14	9.24		
Koyna				
Stage 1-2	2.19	28.12	475	40
Stage 4	0.80	12.39	452	0
Stage 3	0.45	10.84	160	0
Total	3.44	51.35		
Hydro				
KDPH	0.00	1.66	0	0
VTRNA	0.00	0.73	0	0
TILLARI	0.22	2.68	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.54	4.73	81	0
RNGR+BHTSA	0.00	0.57	0	0
BHANDARDRA	0.34	2.75	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.17	2.94	7	6
GHATGHAR	0.81	11.25	210	0
Total	2.08	27.31		
Wind				
Total	14.75	217.17	0	0
Total	14.75	217.17		
CPP				
APML(Mus)	66.23	555.21	0	0
JSWEL(Mus)	21.24	193.92	0	0
VIPL(Mus)	12.97	115.56	0	0
RPLAMT(Mus)	15.52	28.64	0	0
WPCL(Mus)	4.62	42.26	0	0
Other(Mus)	2.72	26.22	0	0
Total	123.30	961.80		
SOLAR				
Total	1.00	10.46	0	0
Total	1.00	10.46		
Tata				
Trombay 5	0.00	76.94	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.82	27.61	120	115
Trombay 7B	1.62	15.99	69	66
Trombay 8	5.48	51.72	245	197
TATA Hydro	8.51	57.57	459	205
Total	18.44	229.83		
R-INFRA				
1-2	11.22	103.77	510	402
Total	11.22	103.77		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	4.29	15.99
Koradi 9	0.00	0.00
Koradi 10	0.00	0.00
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	133.96	1148.76
MSPGCL Thml+Gas	140.47	1212.79
MSPGCL Hydro	5.51	78.65

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	145.98	1291.44
Koyna 1,2 & 4 Total	2.98	40.51
State Total	321.53	2876.36

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/Sep/2016

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	5092	65	274	5431	523	5118	285	0	4737	4388	-982	14763	0	14763	2066	16829	50.00
2	4827	66	285	5178	551	5076	286	0	4426	4169	-846	14414	0	14414	1905	16319	49.99
3	4971	61	275	5307	595	4972	286	0	3755	3951	-781	14331	0	14331	1803	16134	49.98
4	5098	61	274	5433	622	4958	286	0	3709	3866	-748	14417	0	14417	1741	16158	49.98
5	5179	66	275	5520	603	4947	285	0	3911	4074	-740	14689	0	14689	1732	16421	49.99
6	5365	71	286	5722	619	4927	285	0	4912	4597	-809	15341	0	15341	1800	17141	50.01
7	5232	161	278	5671	517	4852	286	2	5460	5499	-803	16024	0	16024	1848	17872	50.01
8	5456	586	273	6315	523	4878	286	18	5627	5719	-773	16966	5	16971	1910	18881	49.99
9	5752	417	285	6454	466	5242	285	53	5812	5777	-940	17336	10	17346	2169	19515	49.99
10	6070	340	270	6680	510	5353	286	102	5829	5735	-1048	17618	0	17618	2391	20009	50.00
11	6087	203	269	6559	434	5254	284	115	5948	5836	-1322	17161	0	17161	2708	19869	50.00
12	5845	173	265	6283	354	5133	285	155	5974	6125	-1344	16991	0	16991	2732	19723	49.99
13	5742	163	261	6166	374	5128	283	130	6002	6139	-1331	16890	0	16890	2708	19598	49.99
14	5755	61	265	6081	487	5127	285	121	5903	6072	-1253	16920	0	16920	2587	19507	50.00
15	5792	66	261	6119	635	5134	285	119	5750	5784	-1189	16888	0	16888	2562	19450	49.97
16	5703	61	264	6028	760	5095	285	114	5626	5832	-1226	16889	0	16889	2563	19452	49.97
17	5592	67	263	5922	730	5081	287	43	5615	5929	-1186	16806	0	16806	2522	19328	49.98
18	5661	67	264	5992	901	5110	285	21	5556	5641	-1162	16789	0	16789	2499	19288	50.02
19	5841	597	268	6706	800	5349	286	3	5106	5418	-1136	17426	0	17426	2537	19963	50.00
20	5951	1211	270	7432	854	5614	286	0	4902	4863	-1271	17778	0	17778	2639	20417	50.01
21	5920	645	266	6831	843	5546	286	0	4911	4810	-1221	17096	0	17096	2557	19653	50.02
22	5864	178	266	6308	743	5364	286	0	4939	4628	-1123	16206	0	16206	2458	18664	50.00
23	5763	62	268	6093	639	5124	286	0	4490	4269	-994	15417	0	15417	2328	17745	49.99
24	5398	62	287	5747	668	4910	286	0	4499	4472	-1124	14959	0	14959	2248	17207	50.00
MUs	133.96	5.51	6.51	145.98	14.75	123.30	6.85	1.00	123.40	123.59	-25.35	390.11	0.02	390.13	55.01	445.14	50.00

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 10/Sep/2016

Position as on 6.30 Hrs of 11/Sep/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		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	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No PPA.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
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	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
IPP	RPL(AMT) U-5	270	24/05/2016	00.05		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Uran Unit 7	108	24/05/2016	17.42		Continued.	Generation Bearing Vibration High.	
MSPGCL	Koradi Unit 9	660	04/06/2016	14.45		Continued.	No consent to operate	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
IPP	RPL(AMT) U-3	270	29/06/2016	03.01		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Bhusawal Unit 3	210	08/07/2016	23.57		Continued.	ID Fan Problem (Converted to Zero schedule by MSEDCL from 11-07-2016)	
MSPGCL	Uran Unit B0	120	14/08/2016	07.56		Continued.	Maintenance work	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
MSPGCL	Koyna Unit 8	80	19/08/2016	11.00		Continued.	High Vibration On LGB & UGB.	
RGPPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Nasik Unit 3	210	28/08/2016	21.45		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan Problem	
MSPGCL	Chandrapur Unit-8	500	09/09/2016	08.23	10/09/2016	03.50	High Drum Level	
TPC-G	Trombay 5	500	09/09/2016	22.57		Continued.	Boiler Tube Leakage	
PGPL	PGPL U2	126	11/09/2016	12.15	11/09/2016	17.27	Turbine protection.	
PGPL	PGPL U1	262	11/09/2016	12.15	11/09/2016	15.57	Turbine protection.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Sep/2016

Statement-VII

Position as on 6.30 Hrs of 11/Sep/2016

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							
Talegaon PG-Aurangabad-I	InterState	10/09/2016	08.55	10/09/2016	20.30	PO	Stringing work at crossing PG Line
Talegaon PG - Aurangabad - II	InterState	10/09/2016	09.05	10/09/2016	20.50	PO	Stringing work at crossing PG Line
Ektuni-Bableshwar ckt II	IntraState	01/08/2016	09.53		Continued.	HT	To control Padgha-BBLSR L/L
N.Koyna-Karad -Ckt I	IntraState	09/09/2016	19.07	10/09/2016	18.13	T	Distance Protection
Bhusawal-Aurangabad	IntraState	09/09/2016	21.29	10/09/2016	06.28	HT	Over Voltage
karad -kolhapur-II	IntraState	09/09/2016	22.57	10/09/2016	06.41	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	10/09/2016	20.09	11/09/2016	06.46	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	20/08/2016	11.06		Continued.	PO	Shifted on TBC, by hot line jumper open for construction of kudas bay ektuni CKT-2 will remain off during this outage period.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Talandage end)
Mudshingi - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Chikodi end)
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 de-energising 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 de-energising the line bet.86 to 107.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Kalwa-Salsette-IV	IntraState	28/06/2016	18.17		Continued.	T	Distance Protection
Bableshwar- Alephata	IntraState	26/08/2016	20.54		Continued.	HT	Hand tripped.
Nagothane-Wadkhal II	IntraState	11/09/2016	01.00	11/09/2016	12.55	T	Tripped on DP, 5.96 km 14.11 AMP.
Nagothane-Wadkhal II	IntraState	11/09/2016	01.50	11/09/2016	12.55	T	Distance Protection
Trombay - Mulund	IntraState	11/09/2016	12.16	11/09/2016	20.08	T	Delay in charging of line due to CB problem at mulund end.
Nagothane - Posco	IntraState	11/09/2016	14.24	11/09/2016	18.52	HT	jumper broken.
Osmanabad - Solapur (Bale)	IntraState	11/09/2016	14.44		Continued.	HT	Control solapur ICT's lowerloading
Parli 2-(Girwali) -Murud	IntraState	11/09/2016	14.51		Continued.	HT	Control solapur ICT's lowerloading.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)
220/132 KV 200MVA ict 1@Nasik GCR	IntraState	10/09/2016	10.22	10/09/2016	13.00	EO	To attend Hot Spot
100 KV LINE Outages/Trippings							
Vasai-Ii - Vasai 2 Line	IntraState	13/08/2016	08.53		Continued.	HT	ICT Problem.

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