

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Sep/2016 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.687	889.303	1) Gujrat	2.843	51.494
2) Hydro	10.004	63.616	2) Madhya Pradesh	11.671	86.597
3) Gas	6.441	50.998	3) Chattisgarh	5.470	37.870
Total MSPGCL	143.132	1003.917	4) Maharashtra Net	86.959	607.230
B) 1) APML	65.786	423.391	5) Goa (Amona)	-0.616	-3.762
2) JSWEL	21.944	151.838	6) TAPS 1&2 Injection	7.696	61.589
3) VIPL	13.472	89.431	7) RGPPL Injection	13.048	96.456
4) RPL(AMT)	2.817	2.817	8) Pench (MS)	1.068	6.953
5) WPCL	4.268	32.743	9) Pench (Excess)	-1.068	-6.953
6) PGPL	6.880	48.169	Total	126.003	930.521
7) Other IPP	2.622	21.352	a) Mumbai Schedule	21.326	146.061
C) 1) TPCL Thermal	16.021	108.367	b) Mumbai Drawl	22.120	186.410
2) TPCL Hydro	5.367	42.686	c) MSEDCL Bilateral *	27.572	218.804
3) TPCL Gas	4.454	34.700	Include PX	-1.007	-13.863
4) R-INFRA Thermal	11.514	82.002	d) Mumbai Bilateral *	21.326	146.061
D) STATE			Include PX	1.713	9.777
1) Thermal	265.131	1801.244	Include Standby	0.000	0.000
(A1+C1+C4+(B1-B6))			H) ENERGY CATERED (MUs)		
2) Hydro (A2+C2)	15.371	106.302	1) MSEDCL	382.072	2714.715
3) Gas (A3+B6+C3)	17.775	133.867	2) Mumbai Discoms	59.476	454.166
4) Wind	16.279	188.547	TOTAL STATE	441.548	3168.881
6) SOLAR	0.989	8.399			
TOTAL STATE	315.545	2238.359			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5516	5500	5656	4236
MSPGCL Hydro	535	488	1587	175
MSPGCL Gas	270	258	265	273
MSPGCL Total Generation	6321	6246	7508	4684
Central Sector Receipt	6079	5763	4730	4527
WIND	765	639	669	823
CPP / IPP Thermal	4521	4704	5135	4203
CPP / IPP Gas	287	287	287	288
SOLAR	91	96	0	0
Exchange with Mumbai	-975	-1100	-1010	-755
MSEDCL DEMAND MET	17089	16635	17319	13770
Load Shedding	0	0	0	0
MSEDCL DEMAND	17089	16635	17319	13770
TPCL GENERATION	1301	1290	1292	696
R-INFRA GENERATION	507	509	508	403
MUMBAI DEMAND	2783	2899	2810	1854
STATE DEMAND MET	19872	19534	20129	15624
STATE DEMAND	19872	19534	20129	15624
Frequency (Hz)	49.96	49.92	49.91	49.92

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 22.00 Hrs	49.76 Hz at 19.11 Hrs	49.95	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/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	28.40	150	138
Unit 8	9.94	86.07	570	350
Total	13.40	125.30		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	9.86	22.65	505	110
Unit 5	7.96	52.41	500	0
Total	17.82	75.06		
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	4.28	33.22	195	132
Unit 4	3.68	13.72	180	45
Unit 5	8.98	72.16	425	265
Unit 6	10.28	74.31	450	370
Unit 7	9.77	72.32	445	360
Unit 8	10.96	75.67	502	382
Total	47.96	341.41		
Paras				
Unit 3	5.80	41.41	259	200
Unit 4	5.72	39.98	252	198
Total	11.52	81.38		
Khaparkheda				
Unit 1	0.00	15.70	0	0
Unit 2	3.86	29.98	175	140
Unit 3	4.57	33.24	196	165
Unit 4	4.30	31.99	186	162
Unit 5	11.67	82.57	508	400
Total	24.40	193.49		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.51	33.04	202	162
Unit 5	4.42	32.34	198	164
Total	8.93	65.37		
Uran				
All Units	6.44	51.00	287	257
Total	6.44	51.00		
PGPL				
Unit 1	4.37	30.59	183	180

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Unit 2	2.51	17.58	106	104
Total	6.88	48.17		
PENCH (MS)				
Pench (MS)	1.07	6.95	54	10
Total	1.07	6.95		
Koyna				
Stage 1-2	3.41	22.42	370	35
Stage 4	2.25	9.59	812	0
Stage 3	1.39	9.27	160	0
Total	7.05	41.28		
Hydro				
KDPH	0.00	1.66	0	0
VTRNA	0.00	0.73	0	0
TILLARI	0.29	2.17	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.43	3.75	80	0
RNGR+BHTSA	0.00	0.57	0	0
BHANDARDRA	0.34	2.06	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.56	2.56	31	20
GHATGHAR	1.33	8.82	240	0
Total	2.96	22.34		
Wind				
Total	16.28	188.55	0	0
Total	16.28	188.55		
CPP				
APML(Mus)	65.79	423.39	0	0
JSWEL(Mus)	21.94	151.84	0	0
VIPL(Mus)	13.47	89.43	0	0
RPLAMT(Mus)	2.82	2.82	0	0
WPCL(Mus)	4.27	32.74	0	0
Other(Mus)	2.62	21.35	0	0
Total	110.91	721.57		
SOLAR				
Total	0.99	8.40	0	0
Total	0.99	8.40		
Tata				
Trombay 5	10.37	67.68	480	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.83	21.96	120	104
Trombay 7B	1.62	12.74	69	64
Trombay 8	5.65	40.69	249	198
TATA Hydro	5.37	42.69	417	31
Total	25.84	185.75		
R-INFRA				
1-2	11.51	82.00	509	402
Total	11.51	82.00		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	2.65	7.29
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	126.69	889.30
MSPGCL Thml+Gas	133.13	940.30
MSPGCL Hydro	10.00	63.62

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	143.13	1003.92
Koyna 1,2 & 4 Total	5.66	32.01
State Total	315.54	2238.36

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/Sep/2016

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			THM	GAS										
1	4598	180	271	5049	765	4488	287	0	4781	4618	-902	14305	0	14305	2125	16430	49.91
2	4481	175	273	4929	739	4405	287	0	4836	4624	-858	14126	0	14126	1958	16084	49.96
3	4236	175	273	4684	823	4203	288	0	4698	4527	-755	13770	0	13770	1854	15624	49.92
4	4321	175	273	4769	884	4045	286	0	4697	4861	-687	14158	0	14158	1787	15945	49.95
5	4316	190	272	4778	848	3992	285	0	5172	4831	-683	14051	0	14051	1783	15834	49.96
6	4740	175	285	5200	983	4140	284	0	5295	5415	-690	15332	0	15332	1870	17202	49.95
7	5194	346	275	5815	815	4454	287	3	5420	5524	-594	16304	0	16304	1959	18263	49.96
8	5300	638	285	6223	641	4490	286	36	5545	5763	-517	16922	0	16922	2101	19023	49.96
9	5370	716	287	6373	762	4479	287	71	5686	5840	-787	17025	0	17025	2500	19525	50.00
10	5516	535	270	6321	765	4521	287	91	5774	6079	-975	17089	0	17089	2783	19872	49.96
11	5574	328	259	6161	616	4553	287	120	5867	5983	-1203	16517	0	16517	3006	19523	49.97
12	5502	242	259	6003	438	4658	287	131	5919	6089	-1211	16395	0	16395	3010	19405	49.96
13	5526	248	259	6033	399	4698	287	117	5938	6210	-1207	16537	0	16537	2995	19532	49.94
14	5527	220	259	6006	401	4731	287	126	5751	5921	-1055	16417	0	16417	2841	19258	49.91
15	5578	531	257	6366	481	4722	287	119	5675	5657	-1094	16538	0	16538	2888	19426	49.95
16	5500	488	258	6246	639	4704	287	96	5566	5763	-1100	16635	0	16635	2899	19534	49.92
17	5534	380	257	6171	648	4750	286	56	5316	5601	-1055	16457	0	16457	2882	19339	49.94
18	5650	483	262	6395	634	4817	287	22	4897	5134	-1026	16263	0	16263	2843	19106	49.97
19	5717	854	263	6834	710	4945	287	1	4733	5010	-969	16818	0	16818	2774	19592	49.96
20	5656	1587	265	7508	669	5135	287	0	4789	4730	-1010	17319	0	17319	2810	20129	49.91
21	5701	733	266	6700	686	5112	287	0	4771	4861	-935	16712	0	16712	2704	19416	49.96
22	5719	353	267	6339	606	5028	287	0	4715	4371	-835	15796	0	15796	2481	18277	49.98
23	5792	167	266	6225	667	4982	286	0	4460	4450	-952	15658	0	15658	2364	18022	49.98
24	5639	85	280	6004	660	4854	286	0	4613	4143	-1020	14927	0	14927	2259	17186	49.99
MUs	126.69	10.00	6.44	143.13	16.28	110.91	6.88	0.99	124.91	126.01	-22.12	382.07	0.00	382.07	59.48	441.55	49.95

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/2016

Position as on 6.30 Hrs of 09/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								
RGPL	Dabhol 1B	230	28/05/2013	22:02		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	
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 concent 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-2	270	18/06/2016	06.54	09/09/2016	13.52	Zero Shedule By MSEDCL.	
IPP	RPL(AMT) U-3	270	29/06/2016	03.01		Continued.	Zero Shedule By MSEDCL.	
IPP	RPL(AMT) U-4	270	30/06/2016	10.11	08/09/2016	09.52	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-1	270	01/07/2016	18.40	09/09/2016	10.09	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 8	108	14/08/2016	07.56		Continued.	Maintenance work	
MSPGCL	Uran Unit B0	120	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 3A	230	16/08/2016	17.24	08/09/2016	13.00	Change Over	
MSPGCL	Koyna Unit 8	80	19/08/2016	11.00		Continued.	High Vibration On LGB & UGB.	
RGPL	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	Khaparkheda Unit 1	210	05/09/2016	03.27	09/09/2016	21.01	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 08/Sep/2016

Position as on 6.30 Hrs of 09/Sep/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 5	500	06/09/2016	00.00	08/09/2016	04.58	Zero shedule by MSEDCL.	
MSPGCL	Chandrapur Unit 9	500	08/09/2016	11.25	08/09/2016	14.52	Electrical prot.Operated	
RINFRA-G	REL Unit 2	250	08/09/2016	23.45	09/09/2016	03.34	GT Isolator Hot Spot	
MSPGCL	Chandrapur Unit-8	500	09/09/2016	08.23		Continued.	High Drum Level	
TPC-G	Trombay 5	500	09/09/2016	22.57		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Sep/2016

Statement-VII

Position as on 6.30 Hrs of 09/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							
Kolhapur Solapur (PG) II	InterState	07/09/2016	17.33	08/09/2016	06.16	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	01/08/2016	09.53		Continued.	HT	To control Padgha-BBLSR L/L
karad -kolhapur-I	IntraState	06/09/2016	16.44	08/09/2016	06.28	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	07/09/2016	11.58	09/09/2016	15.29	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	07/09/2016	17.37	08/09/2016	06.33	HT	Over Voltage
Karad - Jaigad - II	IntraState	07/09/2016	21.42	08/09/2016	07.41	HT	Over Voltage
Chandrapur2-Parali 2 ckt1	IntraState	08/09/2016	10.34	08/09/2016	18.24	PO	Maint.work,Reactor Oil Leakage work
karad -kolhapur-II	IntraState	08/09/2016	23.26	09/09/2016	06.40	HT	Over Voltage
Parly(MS)- Nanded	IntraState	09/09/2016	09.17	09/09/2016	15.05	PO	Reactor Cold Welding work
N.Koyna-Karad -Ckt I	IntraState	09/09/2016	19.07		Continued.	T	Distance Protection
Bhusawal-Aurangabad	IntraState	09/09/2016	21.29		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	09/09/2016	22.57		Continued.	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 kudus 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)
Mudshingi - Chikodi	InterState	09/09/2016	02.20	09/09/2016	23.18	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 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.
Adlabs - Pedambe	IntraState	08/09/2016	09.35	08/09/2016	12.25	PO	Line Maintenance work
Baramati - Kurkumbh	IntraState	08/09/2016	10.03	08/09/2016	16.57	PO	Line Maintenance work
Dondaicha- Shahada	IntraState	09/09/2016	02.02	09/09/2016	03.40	T	Distance Protection
Padghe - Nalasopara	IntraState	09/09/2016	07.40	09/09/2016	11.55	PO	Testing Work
Kalmeshwar-Kalmeshwar Rly Tss 1	IntraState	09/09/2016	15.25	09/09/2016	17.14	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	Failed on internal Fault(Now repaired and ready for commissioning)
220/132 Kv 100 Mva Emco Ict @Shahada	IntraState	09/09/2016	02.02	09/09/2016	07.00	T	Backup Protection
220/100 Kv 200 MVA ICT I @Kolshet	IntraState	09/09/2016	10.02	09/09/2016	17.00	PO	Testing Work
132 KV LINE Outages/Trippings							
Jalna Midc -Jalna Old	IntraState	08/09/2016	02.23	08/09/2016	02.59	T	Back Up Prot.operated
Jalna (220kv) - Badnapur	IntraState	08/09/2016	02.23	08/09/2016	04.08	T	Distance Protection
Dondaicha- Shahada	IntraState	09/09/2016	02.02	09/09/2016	04.22	T	Distance Protection
Shahada-Taloda	IntraState	09/09/2016	02.02	09/09/2016	07.02	T	Backup Protection

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/2016

Statement-VII

Position as on 6.30 Hrs of 09/Sep/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Jalna220- Jalna Midc	IntraState	09/09/2016	04.15	09/09/2016	04.30	T	Distance Protection
100 KV LINE Outages/Trippings							
Vasai-Ii - Vasai 2 Line	IntraState	13/08/2016	08.53		Continued.	HT	ICT Problem.