

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Sep/2016 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	125.504	1014.807	1) Gujrat	2.429	53.923
2) Hydro	9.528	73.144	2) Madhya Pradesh	10.873	97.470
3) Gas	6.516	57.514	3) Chattisgarh	5.130	43.000
Total MSPGCL	141.548	1145.465	4) Maharashtra Net	90.293	697.523
B) 1) APML	65.591	488.982	5) Goa (Amona)	-0.616	-4.378
2) JSWEL	20.849	172.687	6) TAPS 1&2 Injection	7.628	69.217
3) VIPL	13.157	102.588	7) RGPPL Injection	12.731	109.187
4) RPL(AMT)	10.303	13.120	8) Pench (MS)	1.152	8.105
5) WPCL	4.894	37.637	9) Pench (Excess)	-1.152	-8.105
6) PGPL	6.861	55.030	Total	127.316	1057.837
7) Other IPP	2.142	23.494	a) Mumbai Schedule	20.900	166.961
C) 1) TPCL Thermal	14.808	123.175	b) Mumbai Drawl	22.899	209.309
2) TPCL Hydro	6.369	49.055	c) MSEDCL Bilateral *	26.368	245.171
3) TPCL Gas	4.453	39.153	Include PX	-4.223	-18.086
4) R-INFRA Thermal	10.556	92.558	d) Mumbai Bilateral *	20.900	166.961
D) STATE			Include PX	1.252	11.029
1) Thermal	267.804	2069.048	Include Standby	0.000	0.000
(A1+C1+C4+(B1-B6))			H) ENERGY CATERED (MUs)		
2) Hydro (A2+C2)	15.897	122.199	1) MSEDCL	384.699	3099.414
3) Gas (A3+B6+C3)	17.830	151.697	2) Mumbai Discoms	59.085	513.251
4) Wind	13.871	202.418	TOTAL STATE	443.784	3612.665
6) SOLAR	1.066	9.465			
TOTAL STATE	316.468	2554.827			

* 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 5 Hrs
MSPGCL Thermal	5230	5230	5266	4791
MSPGCL Hydro	1176	377	1209	171
MSPGCL Gas	267	257	284	280
MSPGCL Total Generation	6673	5864	6759	5242
Central Sector Receipt	5648	6285	4920	4542
WIND	617	414	802	592
CPP / IPP Thermal	4766	4897	5442	4253
CPP / IPP Gas	287	286	285	286
SOLAR	126	138	0	0
Exchange with Mumbai	-1022	-1256	-929	-669
MSEDCL DEMAND MET	17095	16628	17279	14246
Load Shedding	0	0	0	0
MSEDCL DEMAND	17095	16628	17279	14246
TPCL GENERATION	1283	1288	1288	718
R-INFRA GENERATION	509	509	509	380
MUMBAI DEMAND	2814	3053	2726	1767
STATE DEMAND MET	19909	19681	20005	16014
STATE DEMAND	19909	19681	20005	16014
Frequency (Hz)	49.96	49.98	49.98	49.91

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 13.02 Hrs	49.82 Hz at 04.37 Hrs	49.98	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 09/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	3.44	31.85	160	120
Unit 8	11.89	97.96	660	414
Total	15.34	140.64		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	11.06	33.72	505	360
Unit 5	11.20	63.61	510	375
Total	22.26	97.32		
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	4.37	37.59	198	155
Unit 4	4.29	18.01	184	165
Unit 5	6.70	78.86	355	255
Unit 6	10.34	84.65	450	360
Unit 7	9.73	82.06	440	366
Unit 8	3.66	79.33	495	0
Total	39.09	380.50		
Paras				
Unit 3	5.82	47.23	255	207
Unit 4	5.77	45.75	254	190
Total	11.59	92.98		
Khaparkheda				
Unit 1	0.26	15.96	110	0
Unit 2	3.75	33.74	170	140
Unit 3	4.41	37.66	195	162
Unit 4	4.19	36.18	186	157
Unit 5	11.23	93.80	500	400
Total	23.84	217.34		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.48	37.52	201	160
Unit 5	4.48	36.82	201	161
Total	8.96	74.33		
Uran				
All Units	6.52	57.51	284	257
Total	6.52	57.51		
PGPL				
Unit 1	4.35	34.94	182	180

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Unit 2	2.51	20.09	105	104
Total	6.86	55.03		
PENCH (MS)				
Pench (MS)	1.15	8.10	53	45
Total	1.15	8.10		
Koyna				
Stage 1-2	3.51	25.93	490	40
Stage 4	2.00	11.59	599	0
Stage 3	1.12	10.39	160	0
Total	6.63	47.91		
Hydro				
KDPH	0.00	1.66	0	0
VTRNA	0.00	0.73	0	0
TILLARI	0.29	2.46	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.43	4.19	80	0
RNGR+BHTSA	0.00	0.57	0	0
BHANDARDRA	0.34	2.41	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.21	2.77	16	6
GHATGHAR	1.62	10.44	240	0
Total	2.90	25.23		
Wind				
Total	13.87	202.42	0	0
Total	13.87	202.42		
CPP				
APML(Mus)	65.59	488.98	0	0
JSWEL(Mus)	20.85	172.69	0	0
VIPL(Mus)	13.16	102.59	0	0
RPLAMT(Mus)	10.30	13.12	0	0
WPCL(Mus)	4.89	37.64	0	0
Other(Mus)	2.14	23.49	0	0
Total	116.94	838.51		
SOLAR				
Total	1.07	9.46	0	0
Total	1.07	9.46		
Tata				
Trombay 5	9.26	76.94	471	206
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.83	24.79	120	115
Trombay 7B	1.62	14.37	69	66
Trombay 8	5.55	46.24	247	199
TATA Hydro	6.37	49.06	401	0
Total	25.63	211.38		
R-INFRA				
1-2	10.56	92.56	510	201
Total	10.56	92.56		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	4.42	11.70
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	125.50	1014.81
MSPGCL Thml+Gas	132.02	1072.32
MSPGCL Hydro	9.53	73.14

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	141.55	1145.46
Koyna 1,2 & 4 Total	5.51	37.52
State Total	316.47	2554.83

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/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	5574	61	271	5906	638	4480	286	0	4387	4271	-1203	14378	0	14378	2113	16491	49.96
2	5368	61	272	5701	619	4415	286	0	4265	4507	-1036	14492	0	14492	1936	16428	49.95
3	5367	61	273	5701	744	4441	286	0	4071	4110	-892	14390	0	14390	1835	16226	49.92
4	5025	66	274	5365	757	4415	287	0	4210	4419	-841	14402	0	14402	1769	16171	49.98
5	4791	171	280	5242	592	4253	286	0	4290	4542	-669	14246	0	14246	1767	16014	49.91
6	4883	106	272	5261	717	4257	287	0	5122	5290	-701	15111	0	15111	1835	16946	49.97
7	5322	96	271	5689	614	4619	287	2	5356	5717	-804	16124	0	16124	1941	18065	49.99
8	5480	360	271	6111	548	4768	286	32	5526	5817	-656	16906	0	16906	2117	19023	49.98
9	5285	745	273	6303	667	4760	287	77	5718	6001	-727	17368	0	17368	2415	19783	49.98
10	5230	1176	267	6673	617	4766	287	126	5749	5648	-1022	17095	0	17095	2814	19909	49.96
11	5217	1028	264	6509	478	4825	287	162	5866	5798	-1224	16835	0	16835	3022	19857	50.00
12	5235	492	263	5990	417	4880	287	141	5943	5926	-1263	16378	0	16378	3056	19434	49.97
13	5230	377	257	5864	414	4897	286	138	6036	6285	-1256	16628	0	16628	3053	19681	49.98
14	5244	255	262	5761	387	4923	286	115	5963	6020	-1066	16426	0	16426	2860	19286	50.00
15	5277	499	264	6040	356	5038	285	104	5828	5887	-1085	16625	0	16625	2881	19506	49.95
16	5191	790	279	6260	408	5078	286	87	5708	5739	-1067	16791	0	16791	2862	19653	50.00
17	5192	414	271	5877	475	5145	285	60	5884	5631	-1046	16427	0	16427	2842	19269	49.99
18	5160	180	270	5610	525	5138	285	21	6033	5789	-979	16389	0	16389	2771	19160	50.00
19	5243	535	272	6050	699	5262	285	1	5592	5675	-968	17004	0	17004	2765	19769	49.99
20	5266	1209	284	6759	802	5442	285	0	5372	4920	-929	17279	0	17279	2726	20005	49.98
21	5330	451	274	6055	656	5336	285	0	5231	5356	-857	16831	0	16831	2620	19451	50.00
22	5292	215	274	5781	637	5315	285	0	5062	4820	-824	16014	0	16014	2499	18513	49.99
23	5255	120	281	5656	568	5284	285	0	4673	4634	-818	15609	0	15609	2365	17974	49.99
24	5047	60	277	5384	536	5199	285	0	4865	4514	-966	14952	0	14952	2221	17173	50.01
MUs	125.50	9.53	6.52	141.55	13.87	116.94	6.86	1.07	126.75	127.32	-22.90	384.70	0.00	384.70	59.08	443.78	49.98

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 09/Sep/2016

Position as on 6.30 Hrs of 10/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-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	
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	
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	10/09/2016	03.50	High Drum Level	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 09/Sep/2016

Position as on 6.30 Hrs of 10/Sep/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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 09/Sep/2016

Statement-VII

Position as on 6.30 Hrs of 10/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-Bableswhar ckt II	IntraState	01/08/2016	09.53		Continued.	HT	To control Padgha-BBLSR L/L
N.Koyna-Karad -Ckt I	IntraState	07/09/2016	11.58	09/09/2016	15.29	T	Distance Protection
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	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		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 kudas bay ektuni CKT-2 will remain off during this outage period.
220 KV LINE Outages/Trippings							
Mudshingi - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Chikodi end)
Talandage - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Talandage 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
Bableswhar- Alephata	IntraState	26/08/2016	20.54		Continued.	HT	Hand tripped.
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
220/132 KV 200MVA ict 1@Nasik GCR	IntraState	10/09/2016	10.22	10/09/2016	13.00	EO	To attend Hot Spot
132 KV LINE Outages/Trippings							
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
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.

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