

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Sep/2016 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.036	1411.012	1) Gujrat	-0.262	58.231
2) Hydro	11.413	95.106	2) Madhya Pradesh	7.222	120.514
3) Gas	6.450	76.957	3) Chattisgarh	5.540	58.000
Total MSPGCL	147.899	1583.075	4) Maharashtra Net	103.216	984.725
B) 1) APML	65.980	684.632	5) Goa (Amona)	-0.434	-6.000
2) JSWEL	21.990	236.178	6) TAPS 1&2 Injection	7.596	92.065
3) VIPL	12.983	141.069	7) RGPPL Injection	12.043	144.462
4) RPL(AMT)	11.658	40.297	8) Pench (MS)	1.105	11.436
5) WPCL	4.873	51.352	9) Pench (Excess)	-1.105	-11.436
6) PGPL	6.799	73.907	Total	133.816	1440.561
7) Other IPP	2.522	31.353	a) Mumbai Schedule	21.028	230.331
C) 1) TPCL Thermal	10.958	144.689	b) Mumbai Drawl	27.545	287.757
2) TPCL Hydro	5.646	67.948	c) MSEDCL Bilateral *	24.934	319.446
3) TPCL Gas	4.370	52.352	Include PX	-4.128	-28.720
4) R-INFRA Thermal	11.089	124.992	d) Mumbai Bilateral *	21.028	229.817
D) STATE			Include PX	1.267	17.496
1) Thermal	272.089	2865.574	Include Standby	0.000	0.514
(A1+C1+C4+(B1-B6))			H) ENERGY CATERED (MUs)		
2) Hydro (A2+C2)	17.059	163.054	1) MSEDCL	391.113	4247.128
3) Gas (A3+B6+C3)	17.619	203.216	2) Mumbai Discoms	59.608	677.740
4) Wind	9.371	240.255	TOTAL STATE	450.721	4924.868
6) SOLAR	0.767	12.206			
TOTAL STATE	316.905	3484.305			

* 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 17 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5781	5604	5481	4901
MSPGCL Hydro	642	828	1793	101
MSPGCL Gas	274	264	266	274
MSPGCL Total Generation	6697	6696	7540	5276
Central Sector Receipt	6337	6205	5435	4183
WIND	242	334	502	491
CPP / IPP Thermal	5092	5143	5418	4650
CPP / IPP Gas	285	283	281	284
SOLAR	85	34	0	0
Exchange with Mumbai	-1186	-1314	-1295	-797
MSEDCL DEMAND MET	17553	17381	17881	14088
Load Shedding	0	0	0	0
MSEDCL DEMAND	17553	17381	17881	14088
TPCL GENERATION	1104	1088	1030	541
R-INFRA GENERATION	491	504	508	403
MUMBAI DEMAND	2781	2906	2833	1741
STATE DEMAND MET	20334	20287	20714	15829
STATE DEMAND	20334	20287	20714	15829
Frequency (Hz)	49.99	49.95	49.99	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 18:01 Hrs	49.78 Hz at 18:10 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 12/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	3.53	42.46	160	125
Unit 8	11.00	131.29	570	362
Total	14.53	184.58		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	11.20	65.13	510	365
Unit 5	10.55	94.43	510	360
Total	21.75	159.56		
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	4.41	50.93	196	155
Unit 4	4.29	30.90	187	165
Unit 5	9.29	106.89	415	360
Unit 6	10.18	114.79	450	365
Unit 7	9.68	111.52	435	360
Unit 8	8.05	106.17	464	205
Total	45.89	521.21		
Paras				
Unit 3	5.65	64.53	250	198
Unit 4	5.58	62.87	260	192
Total	11.22	127.40		
Khaparkheda				
Unit 1	4.16	27.79	195	150
Unit 2	3.83	45.22	170	125
Unit 3	4.44	50.94	198	163
Unit 4	4.12	48.88	185	154
Unit 5	10.93	125.11	500	380
Total	27.48	297.96		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.36	50.13	200	158
Unit 5	4.31	49.40	198	160
Total	8.67	99.52		
Uran				
All Units	6.45	76.96	284	256
Total	6.45	76.96		
PGPL				
Unit 1	4.31	46.93	181	179

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Unit 2	2.49	26.98	105	101
Total	6.80	73.91		
PENCH (MS)				
Pench (MS)	1.10	11.44	51	43
Total	1.10	11.44		
Koyna				
Stage 1-2	3.75	34.04	330	40
Stage 4	2.69	15.07	827	0
Stage 3	1.48	12.89	240	0
Total	7.91	62.00		
Hydro				
KDPH	0.88	2.54	37	36
VTRNA	0.00	0.73	0	0
TILLARI	0.29	3.28	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.45	5.62	80	0
RNGR+BHTSA	0.00	0.57	0	0
BHANDARDRA	0.34	3.44	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.17	3.27	15	4
GHATGHAR	1.36	13.65	250	0
Total	3.50	33.10		
Wind				
Total	9.37	240.26	0	0
Total	9.37	240.26		
CPP				
APML(Mus)	65.98	684.63	0	0
JSWEL(Mus)	21.99	236.18	0	0
VIPL(Mus)	12.98	141.07	0	0
RPLAMT(Mus)	11.66	40.30	0	0
WPCL(Mus)	4.87	51.35	0	0
Other(Mus)	2.52	31.35	0	0
Total	120.01	1184.88		
SOLAR				
Total	0.77	12.21	0	0
Total	0.77	12.21		
Tata				
Trombay 5	5.44	82.37	279	116
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	33.14	115	114
Trombay 7B	1.61	19.21	68	66
Trombay 8	5.52	62.32	247	200
TATA Hydro	5.65	67.95	459	79
Total	20.97	264.99		
R-INFRA				
1-2	11.09	124.99	509	400
Total	11.09	124.99		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.49	20.78
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	130.04	1411.01
MSPGCL Thml+Gas	136.49	1487.97
MSPGCL Hydro	11.41	95.11

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	147.90	1583.08
Koyna 1,2 & 4 Total	6.44	49.11
State Total	316.90	3484.30

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/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	4936	96	273	5305	531	4664	284	0	5006	4809	-1091	14502	0	14502	2094	16596	49.99
2	4895	95	273	5263	516	4646	285	0	4582	4573	-962	14320	0	14320	1893	16213	49.99
3	4877	95	273	5245	543	4655	285	0	4054	4422	-866	14283	0	14283	1805	16088	50.00
4	4901	101	274	5276	491	4650	284	0	3866	4183	-797	14088	0	14088	1741	15829	50.00
5	4891	106	284	5281	504	4654	285	0	4381	4711	-791	14644	0	14644	1734	16378	49.99
6	4855	101	273	5229	518	4660	285	0	4999	4704	-880	14516	0	14516	1825	16341	50.00
7	5298	308	273	5879	366	4789	285	1	5579	5397	-911	15806	0	15806	1947	17753	49.96
8	5696	394	273	6363	297	4938	284	11	5876	6093	-911	17074	0	17074	2099	19173	49.95
9	5710	427	273	6410	245	4951	284	38	5981	6145	-1103	16971	0	16971	2521	19492	49.97
10	5781	642	274	6697	242	5092	285	85	6081	6337	-1186	17553	0	17553	2781	20334	49.99
11	5745	521	267	6533	210	5065	284	120	6185	6284	-1363	17133	0	17133	3019	20152	49.99
12	5722	448	266	6436	218	5064	284	110	6255	6507	-1361	17258	0	17258	3025	20283	49.98
13	5630	415	265	6310	199	5058	285	99	6270	6492	-1358	17084	0	17084	2982	20066	49.99
14	5712	265	257	6234	192	5063	284	106	6189	6515	-1288	17106	0	17106	2885	19991	50.00
15	5591	587	256	6434	275	5074	284	91	6104	6462	-1333	17287	0	17287	2923	20210	49.97
16	5569	572	260	6401	258	5082	284	56	6078	6218	-1360	16938	0	16938	2927	19865	49.98
17	5604	828	264	6696	334	5143	283	34	5990	6205	-1314	17381	0	17381	2906	20287	49.95
18	5591	768	265	6624	405	5129	282	9	5912	6008	-1256	17201	0	17201	2850	20051	49.96
19	5538	1363	263	7164	482	5326	281	0	5499	5714	-1232	17735	0	17735	2819	20554	49.94
20	5481	1793	266	7540	502	5418	281	0	5344	5435	-1295	17881	0	17881	2833	20714	49.99
21	5475	757	268	6500	682	5392	280	0	5280	5562	-1240	17176	0	17176	2678	19854	50.02
22	5541	411	269	6221	526	5266	281	7	5362	5506	-1215	16591	0	16591	2534	19125	49.99
23	5591	206	269	6066	432	5235	280	0	4869	4921	-1173	15761	0	15761	2453	18214	49.98
24	5406	114	272	5792	403	4991	280	0	4941	4613	-1259	14820	0	14820	2334	17154	49.97
MUs	130.04	11.41	6.45	147.90	9.37	120.01	6.80	0.77	130.68	133.82	-27.55	391.11	0.00	391.11	59.61	450.72	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 12/Sep/2016

Position as on 6.30 Hrs of 13/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-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 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	
TPC-G	Trombay 5	500	09/09/2016	22.57	12/09/2016	00.06	Boiler Tube Leakage	
IPP	RPL(AMT) U-2	270	12/09/2016	00.03		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Chandrapur Unit-8	500	13/09/2016	00.18	13/09/2016	19.27	Generator Protection operated	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Sep/2016

Statement-VII

Position as on 6.30 Hrs of 13/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							
Dhule Sar'Sarovar I	InterState	13/09/2016	03.29	13/09/2016	09.32	HT	Over Voltage
Dabhol Nagothane II	InterState	13/09/2016	12.37	13/09/2016	15.49	T	DP Main !&2, A/R operated
Kolhapur Solapur(PG) I	InterState	13/09/2016	23.07		Continued.	HT	Over Voltage
Ektuni-Bableswhar ckt II	IntraState	01/08/2016	09.53		Continued.	HT	To control Padgha-BBLSR L/L
Bus Coupler @ Padgha	IntraState	12/09/2016	15.15	12/09/2016	18.00	PO	Annual Maintenance Work
karad -kolhapur-I	IntraState	13/09/2016	14.20	13/09/2016	15.06	T	Distance Protection
karad -kolhapur-I	IntraState	13/09/2016	20.17		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.
400/220KV 315MVA ICT3@Bhusawal II (khadaka)	IntraState	12/09/2016	14.55	12/09/2016	17.14	PO	Attending Hot Spot
400/220 Kv 500 MVA ICT 3 @Kolhapur	IntraState	13/09/2016	17.45	13/09/2016	19.01	T	Tripped on R-Ph OSR.
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)
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.
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.
Halkarni-Hemrusline	IntraState	12/09/2016	09.00	12/09/2016	16.25	PO	LLine signature ananlysis.
Dondaicha- Shahada	IntraState	12/09/2016	09.21	12/09/2016	10.48	PO	Attending Hot Spot
karad - Dasgaon	IntraState	12/09/2016	09.56	12/09/2016	18.57	PO	LA replacement work.
Kanhan-Suryalakshmi	IntraState	12/09/2016	12.33	12/09/2016	14.45	PO	Attending Hot Spot
Aurangabad - Chitegaon	IntraState	12/09/2016	19.30	13/09/2016	05.20	T	Wavetrap Jumper opened at chitegaon.
Waluj - Chitegaon I	IntraState	13/09/2016	01.10	13/09/2016	02.15	T	Bus Bar Operated at Chitegaon.Charged from Waluj
Waluj - Chitegaon li	IntraState	13/09/2016	01.10	13/09/2016	14.50	T	Bus bar oprated 165 MV load affected.
Pedambe-Nerle	IntraState	13/09/2016	11.07	13/09/2016	13.12	PO	Relay Testing Work.
Waluj - Chitegaon I	IntraState	13/09/2016	13.48	13/09/2016	21.53	T	Bus Bar Operated at Chitegaon.Charged from Waluj
Waluj - Chitegaon li	IntraState	13/09/2016	13.48	13/09/2016	22.10	T	Bus Bar Operated at Chitegaon.Charged from Waluj
Nerle - Dasgaon	IntraState	13/09/2016	14.00	13/09/2016	16.46	PO	Relay Testing 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 ICT II @ Kopergaon	IntraState	12/09/2016	06.16	12/09/2016	14.07	PO	R PH C T replacement.

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 12/Sep/2016

Statement-VII

Position as on 6.30 Hrs of 13/Sep/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/100 Kv 200 MVA ICT II @Kolshet	IntraState	12/09/2016	09.38	12/09/2016	17.31	PO	Testing Work
220/132 Kv 150 Mva Emco lct 1 @Ambazari	IntraState	12/09/2016	12.10	12/09/2016	12.28	T	Master trip operated, LV backup protection operated.
220 Kv /132 Kv 100 Mva Ptr @Chitegaon	IntraState	13/09/2016	01.10	13/09/2016	02.31	T	Bus Bar Operated at Chitegaon.Charged from Waluj
220 Kv /132 Kv 100 Mva Ptr @Chitegaon	IntraState	13/09/2016	13.48	13/09/2016	14.55	T	Bus Bar Operated at Chitegaon.Charged from Waluj
132 KV LINE Outages/Trippings							
Chitegaon - Paithan	IntraState	13/09/2016	01.10	13/09/2016	01.38	T	Bus Bar Operated at Chitegaon.Charged from Waluj
Chitegaon - RI Steel	IntraState	13/09/2016	13.48	13/09/2016	15.00	T	Bus Bar Operated at Chitegaon.Charged from Waluj
Chitegaon 2 - Satara (Deolai)	IntraState	13/09/2016	13.48	13/09/2016	15.00	T	Bus Bar Operated at Chitegaon.Charged from Waluj
Chitegaon - Paithan	IntraState	13/09/2016	13.48	13/09/2016	22.19	T	Bus Bar Operated at Chitegaon.Charged from Waluj
100 KV LINE Outages/Trippings							
Vasai-li - 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