

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	109.015	989.290	1) Gujrat	-2.094	-36.441
2) Hydro	6.780	92.980	2) Madhya Pradesh	7.583	48.140
3) Gas	10.734	91.902	3) Chattisgarh	4.920	41.920
Total MSPGCL	126.529	1174.172	4) Maharashtra Net	80.927	685.498
B) 1) APMIL	49.838	448.285	5) Goa (Amona)	-0.466	-4.447
2) JSWEL	20.329	176.325	6) TAPS 1&2 Injection	3.659	33.118
3) VIPL	10.119	91.714	7) RGPPL Injection	5.727	54.653
4) RPL(AMT)	24.180	214.592	8) Pench (MS)	0.488	3.962
5) WPCL	4.227	40.741	9) Pench (Excess)	-0.488	-3.962
6) Other IPP	10.805	94.938	Total	99.768	818.479
C) 1) TPCL Thermal	12.468	126.190	a) Mumbai Schedule	15.283	129.689
2) TPCL Hydro	1.794	21.310	b) Mumbai Drawl	23.802	204.657
3) TPCL Gas	4.365	29.873	c) MSEDCL Bilateral *	19.551	153.620
4) R-INFRA Thermal	4.869	61.416	Include PX	-7.084	-59.748
D) STATE			d) Mumbai Bilateral *	15.283	129.689
1) Thermal	245.850	2243.491	Include PX	3.056	17.950
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	8.574	114.290	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	15.099	121.775	1) MSEDCL	324.470	2890.766
4) Wind	1.302	26.163	2) Mumbai Discoms	47.299	443.454
6) SOLAR	1.175	10.014	TOTAL STATE	371.769	3334.220
TOTAL STATE	272.000	2515.733			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4615	4639	4534	4502
MSPGCL Hydro	804	282	612	123
MSPGCL Gas	432	433	443	458
MSPGCL Total Generation	5851	5354	5589	5083
Central Sector Receipt	5296	5282	4850	2629
WIND	51	18	74	22
CPP / IPP	5528	5505	4762	4516
SOLAR	134	181	0	0
Exchange with Mumbai	-1227	-1180	-1336	-596
MSEDCL DEMAND MET	15633	15160	13939	11654
Load Shedding	12	12	9	8
MSEDCL DEMAND	15645	15172	13948	11662
TPCL GENERATION	938	921	734	702
R-INFRA GENERATION	202	202	204	203
MUMBAI DEMAND	2367	2303	2274	1501
STATE DEMAND MET	18000	17463	16213	13155
STATE DEMAND	18012	17475	16222	13163
Frequency (Hz)	49.98	50.00	49.97	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 13.06 Hrs	49.79 Hz at 18.09 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/Jan/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.64	13.92	115	105
Unit 6	0.00	0.00	0	0
Unit 7	3.90	35.72	181	140
Unit 8	0.00	12.28	0	0
Total	6.55	61.92		
Bhusawal				
Unit 2	4.11	37.02	180	160
Unit 3	4.06	37.45	175	165
Unit 4	9.68	89.34	420	390
Unit 5	9.76	89.84	420	390
Total	27.60	253.64		
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	2.92	27.18	127	113
Unit 3	4.20	37.76	186	168
Unit 4	4.34	38.69	187	172
Unit 5	0.00	0.00	0	0
Unit 6	9.26	83.07	395	375
Unit 7	9.73	87.77	420	370
Total	30.45	274.48		
Paras				
Unit 3	4.90	37.13	249	186
Unit 4	4.89	44.63	264	190
Total	9.79	81.76		
Khaparkheda				
Unit 1	3.72	34.20	165	145
Unit 2	4.18	36.22	180	165
Unit 3	4.20	36.49	185	163
Unit 4	3.77	30.10	160	152
Unit 5	9.36	83.66	405	375
Total	25.22	220.68		
Nasik				
Unit 3	4.74	31.02	205	190
Unit 4	0.00	24.28	0	0
Unit 5	4.66	41.52	199	188
Total	9.40	96.81		
Uran				
All Units	10.73	91.90	479	422
Total	10.73	91.90		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.49	3.96	24	11
Total	0.49	3.96		
Koyna				
Stage 1-2	3.44	36.40	475	40
Stage 4	1.16	21.56	205	0
Stage 3	0.00	12.11	160	0
Total	4.60	70.07		
Hydro				
KDPH	0.69	3.29	38	18
VTRNA	0.59	5.40	61	0
TILLARI	0.00	0.55	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	1.28	71	0
RNGR+BHTSA	0.25	1.94	13	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.53	4.82	23	22
GHATGHAR	0.00	5.62	0	0
Total	2.18	22.91		
Wind				
Total	1.30	26.16	0	0
Total	1.30	26.16		
CPP				
APML(Mus)	49.84	448.28	0	0
JSWEL(Mus)	20.33	176.32	0	0
VIPL(Mus)	10.12	91.71	0	0
RPLAMT(Mus)	24.18	214.59	0	0
WPCL(Mus)	4.23	40.74	0	0
Other(Mus)	10.80	94.94	0	0
Total	119.50	1066.60		
SOLAR				
Total	1.18	10.01	0	0
Total	1.18	10.01		
Tata				
Trombay 5	7.59	78.14	320	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.75	18.84	115	114
Trombay 7B	1.62	11.04	68	66
Trombay 8	4.88	48.05	218	200
TATA Hydro	1.79	21.31	236	0
Total	18.63	177.37		
R-INFRA				
1-2	4.87	61.42	205	202
Total	4.87	61.42		

Infirm Power	Chandrapur 8	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	109.02	989.29
MSPGCL Thml+Gas	119.75	1081.19

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	6.78	92.98
MSPGCL Total	126.53	1174.17

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	4.60	57.96
State Total	272.00	2515.73

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/Jan/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													
1	4514	299	458	5271	39	4666	0	2825	2856	-785	12047	14	12061	1688	13749	49.97
2	4473	173	457	5103	25	4515	0	2825	2735	-664	11714	8	11722	1564	13286	49.97
3	4502	123	458	5083	22	4516	0	2554	2629	-596	11654	8	11662	1501	13163	49.99
4	4534	93	456	5083	37	4638	0	2328	2496	-560	11694	8	11702	1465	13167	49.96
5	4503	93	458	5054	31	4724	0	2481	2663	-572	11900	8	11908	1473	13381	49.99
6	4477	108	458	5043	65	4986	0	3102	3295	-651	12738	12	12750	1555	14305	49.94
7	4527	108	462	5097	103	5119	0	4191	4044	-794	13569	12	13581	1697	15278	49.97
8	4509	514	459	5482	111	5111	9	4780	5219	-816	15116	12	15128	1778	16906	49.91
9	4515	851	479	5845	85	5201	48	4890	5148	-872	15455	12	15467	1984	17451	49.91
10	4574	888	454	5916	78	5476	123	4988	4962	-978	15577	12	15589	2124	17713	49.97
11	4615	804	432	5851	51	5528	134	5093	5296	-1227	15633	12	15645	2367	18012	49.98
12	4665	621	439	5725	18	5522	175	5127	5352	-1253	15539	12	15551	2397	17948	49.99
13	4639	282	433	5354	18	5505	181	5116	5282	-1180	15160	12	15172	2303	17475	50.00
14	4602	165	422	5189	20	5378	164	5050	5170	-1163	14758	13	14771	2181	16952	50.04
15	4530	112	423	5065	18	5145	148	5081	5484	-1138	14722	9	14731	2170	16901	50.02
16	4515	182	437	5134	18	5128	122	4560	5445	-1142	14705	9	14714	2161	16875	49.98
17	4511	127	425	5063	44	5047	59	5072	5439	-1169	14483	9	14492	2195	16687	49.97
18	4541	317	443	5301	57	4800	12	4126	4346	-1251	13265	9	13274	2185	15459	49.99
19	4541	724	444	5709	50	4751	0	4557	4663	-1306	13867	9	13876	2259	16135	49.94
20	4534	612	443	5589	74	4762	0	4532	4850	-1336	13939	9	13948	2274	16222	49.97
21	4531	362	452	5345	83	4758	0	3990	4202	-1263	13125	9	13134	2163	15297	50.01
22	4568	382	431	5381	100	4749	0	3081	3189	-1153	12266	9	12275	2070	14345	50.06
23	4552	263	457	5272	84	4730	0	2707	2636	-1023	11699	9	11708	1926	13634	49.96
24	4543	301	454	5298	71	4747	0	2416	2367	-910	11573	9	11582	1815	13397	50.00
MUs	109.0 2	8.50	10.73	128.25	1.30	119.50	1.17	95.47	99.77	-23.80	326.19	0.24	326.44	47.29	373.73	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/Jan/2016

Position as on 6.30 Hrs of 10/Jan/2016

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 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
RINFRA-G	REL Unit 1	250	03/01/2016	23.46		Continued.	Annual Overhaul	
MSPGCL	Koyna Unit 8	80	09/01/2016	07.00	09/01/2016	20.25	Maintenance work	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPPL	Dabhol 2A	230	06/06/2013	09.10		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	
RGPPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPPL	Dabhol 2B	230	08/08/2013	15.03		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	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
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	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
IPP	Adani U-4	660	14/12/2015	06.55		Continued.	Hot air line leakage	
IPP	JSW (J) U3	300	23/12/2015	13.18	10/01/2016	16.08	Economic shutdown	
MSPGCL	Chandrapur Unit 5	500	27/12/2015	18.50		Continued.	Capital Overhaul.	
MSPGCL	Koradi Unit-8	660	02/01/2016	01.12		Continued.	LILO arrangement for 400KV koradi I to India Bulls Line and charging of 400 KV koradi II to Wardha(PG) line.	
MSPGCL	Koyna STG-IV Unit-3	250	06/01/2016	11.00		Continued.	Spherical Valve Problem	
MSPGCL	Nasik Unit 4	210	06/01/2016	12.40		Continued.	Boiler Tube Leakage	
CPP	WPCL U-1	135	07/01/2016	02.00		Continued.	Withdrawn, changeover to Unit-3	
IPP	RPL(AMT) U-4	270	09/01/2016	00.46	09/01/2016	02.50	Flame Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Jan/2016

Statement-VII

Position as on 6.30 Hrs of 10/Jan/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							
Padgha Tarapur II	InterState	08/01/2016	09.15	09/01/2016	07.19	PO	Maintanance work at Tarapur
Dhule Sar'Sarovar I	InterState	08/01/2016	16.28	09/01/2016	07.29	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	08/01/2016	18.19	09/01/2016	07.11	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	09/01/2016	17.24	10/01/2016	07.11	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	09/01/2016	17.36	10/01/2016	08.50	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	10/01/2016	16.56		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	10/01/2016	17.16		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	19/12/2015	07.28	09/01/2016	11.51	HT	Over Voltage (RFC 17.58 Hrs)
Akola II - Taptitanda ckt-II	IntraState	31/12/2015	18.16		Continued.	HT	Chanage over
koaradi II - Wardha(PG)	IntraState	07/01/2016	21.50	09/01/2016	16.23	T	Distance Protection, Trial taken on 8/1/2016 at 15.11Hrs but again tripped.
Khadka - Bableswhar	IntraState	08/01/2016	11.01	09/01/2016	07.53	PO	Testing work, RFC 18.44Hrs.
karad -kolhapur-II	IntraState	08/01/2016	16.09	09/01/2016	09.27	HT	Over Voltage
Karad-Jaigad - I	IntraState	08/01/2016	16.11	09/01/2016	10.26	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	08/01/2016	20.41	09/01/2016	10.26	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	09/01/2016	11.53		Continued.	PO	Change Over.
Chandrapur-Parali III	IntraState	09/01/2016	13.48	09/01/2016	18.22	PO	For Stringing of Earth Wire..
karad -kolhapur-I	IntraState	09/01/2016	16.16		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	09/01/2016	16.35		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	09/01/2016	17.25	10/01/2016	09.01	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	09/01/2016	20.26	10/01/2016	10.07	HT	Over Voltage
Main Bus I @ Kalwa	IntraState	10/01/2016	08.13	10/01/2016	19.30	PO	Isolator Replacement Work 29A of ICT-II HV Side.
Lonikand I - Koyna stage-IV	IntraState	10/01/2016	16.44		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	10/01/2016	17.16		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315MVA ICT-III @Talegaon(PG)	InterState	22/11/2015	17.10		Continued.	PO	Annual Maintenance Work
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	09/01/2016	14.17	09/01/2016	18.02	PO	Shifted on TBC For Hot Line Work.
220 KV LINE Outages/Trippings							
Nasik Navsari II	InterState	09/01/2016	02.38	09/01/2016	11.02	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.
Wadkhal - Ndil3	IntraState	14/11/2015	10.58	09/01/2016	11.25	PO	Strengthing work
Parli 2-(Girwali) -Murud	IntraState	31/12/2015	10.15		Continued.	PO	Replacement of Bus and Line side Isolator
Dahanu Versova	IntraState	04/01/2016	08.35		Continued.	PO	Dismantling of broad base tower & Erection of narrow base tower.
Boisar Versova Line	IntraState	04/01/2016	08.47		Continued.	PO	Dismantling of broad base tower & Erection of narrow base tower.
Wadkhal - Ndil 2	IntraState	08/01/2016	11.27	09/01/2016	11.30	PO	Repl.of Conductor by High Ampacity Conductor
Ipcl - Wadkhal 1	IntraState	08/01/2016	11.53	09/01/2016	04.56	PO	Repl.of Conductor by High Ampacity Conductor
Talandage(kolh'r)- Sawantwadi II	IntraState	09/01/2016	05.27	09/01/2016	19.46	EO	As Sparking Observed.

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 09/Jan/2016

Statement-VII

Position as on 6.30 Hrs of 10/Jan/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kharghar - Kalwa 2	IntraState	09/01/2016	07.00	09/01/2016	11.49	PO	To Provide Bunchin of B Ph Conductor.
Talandage - Sawantwadi I	IntraState	09/01/2016	08.08	09/01/2016	19.16	PO	For Erection Work of Loc.No.44
Badnera-Akola li	IntraState	09/01/2016	09.00	09/01/2016	18.13	PO	For Disc Insulator Replacement Work.
Dhule-Chalisagaon	IntraState	09/01/2016	10.35	09/01/2016	11.54	PO	For Jumpering or Nut Bolt Tighting Work.
Sonkhar - Trombay	IntraState	09/01/2016	14.23	09/01/2016	14.24	HT	Removal of Wire Rope.
Trombay MSETCL Tie 2	IntraState	10/01/2016	05.54	10/01/2016	11.08	T	SF6 Gas Low.
Borivali - Ghodbunder	IntraState	10/01/2016	08.45	10/01/2016	15.18	PO	Safety Purpose.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
Carnac : 220 / 110 / 33 315 MVA ICT 5	IntraState	07/01/2016	05.10		Continued.	T	Failure of 33KV Spare Breaker
220/132/11 Kv 200 Mva Trans & Rect Ict 1 @Amravati	IntraState	09/01/2016	09.01	09/01/2016	16.38	PO	For Attending LV Side CT Oil Leakage Work.
220/132/11 Kv 200 Mva Trans & Rect Ict 1 @Amravati	IntraState	09/01/2016	18.24	09/01/2016	21.32	EO	Checking R Ph Unbalance Current from HV Side.
220/132/11 Kv 200 Mva Trans & Rect Ict 1 @Amravati	IntraState	10/01/2016	10.44	10/01/2016	16.54	PO	Testing of ICT.

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