

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Oct/2015 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	124.143	1046.622	1) Gujrat	4.359	56.871
2) Hydro	9.342	54.230	2) Madhya Pradesh	11.099	104.406
3) Gas	10.017	70.723	3) Chattisgarh	4.920	39.090
Total MSPGCL	143.502	1171.575	4) Maharashtra Net	102.278	870.348
B) 1) APML	56.810	494.950	5) Goa	-8.202	-67.535
2) JSWEL	28.897	244.675	6) TAPS 1&2 Injection	3.561	31.855
3) VIPL	12.407	101.827	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	22.080	178.000	8) Pench (MS)	0.394	4.143
5) WPCL	3.983	39.648	9) Pench (Excess)	-0.394	-4.143
6) Other IPP	2.995	26.054	Total	117.621	1030.892
C) 1) TPCL Thermal	17.463	149.010	a) Mumbai Schedule	27.597	223.073
2) TPCL Hydro	3.159	19.574	b) Mumbai Drawl	32.249	262.362
3) TPCL Gas	3.338	38.569	c) MSEDCL Bilateral *	30.227	245.934
4) R-INFRA Thermal	11.802	106.049	Include PX	-0.021	-5.550
D) STATE			d) Mumbai Bilateral *	27.597	223.073
1) Thermal	280.580	2386.835	Include PX	6.635	45.891
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	12.501	73.804	H) ENERGY CATERED (MUs)		
3) Gas	13.355	109.292	1) MSEDCL	360.292	3088.410
4) Wind	3.154	53.295	2) Mumbai Discoms	68.011	575.558
6) SOLAR	1.092	9.856	TOTAL STATE	428.303	3663.968
TOTAL STATE	310.682	2633.082			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5175	5076	4936	5254
MSPGCL Hydro	762	592	616	71
MSPGCL Gas	340	373	426	430
MSPGCL Total Generation	6277	6041	5978	5755
Central Sector Receipt	5477	5299	5080	4263
WIND	65	46	233	73
CPP / IPP	5385	5349	5294	4947
SOLAR	143	172	0	0
Exchange with Mumbai	-1623	-1643	-1537	-786
MSEDCL DEMAND MET	15724	15264	15048	14252
Load Shedding	460	549	103	36
MSEDCL DEMAND	16184	15813	15151	14288
TPCL GENERATION	1213	1178	1058	909
R-INFRA GENERATION	517	518	517	398
MUMBAI DEMAND	3353	3339	3112	2093
STATE DEMAND MET	19077	18603	18160	16345
STATE DEMAND	19537	19152	18263	16381
Frequency (Hz)	49.97	49.99	49.97	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18.02 Hrs	49.66 Hz at 18.25 Hrs	49.96	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/Oct/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.44	27.93	150	135
Unit 6	0.00	0.00	0	0
Unit 7	2.56	30.98	180	0
Total	6.00	58.91		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.04	35.08	175	160
Unit 4	10.39	94.55	445	420
Unit 5	10.96	97.18	500	400
Total	25.38	226.80		
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	3.23	29.56	140	131
Unit 3	4.73	40.96	205	182
Unit 4	4.71	40.06	205	172
Unit 5	9.57	43.86	420	370
Unit 6	10.22	89.17	455	354
Unit 7	10.18	88.33	443	366
Total	42.64	331.94		
Paras				
Unit 3	4.47	43.63	200	171
Unit 4	4.54	42.46	227	110
Total	9.02	86.10		
Khaparkheda				
Unit 1	3.57	24.68	180	110
Unit 2	3.66	31.40	175	115
Unit 3	4.09	35.52	195	150
Unit 4	3.52	18.40	152	138
Unit 5	9.98	81.39	493	365
Total	24.82	191.39		
Nasik				
Unit 3	4.51	40.32	195	180
Unit 4	0.00	15.40	0	0
Unit 5	4.63	40.68	198	185
Total	9.14	96.38		
Uran				
All Units	10.02	70.72	434	340
Total	10.02	70.72		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.39	4.14	42	0
Total	0.39	4.14		
Koyna				
Stage 1-2	3.04	20.95	370	40
Stage 4	2.46	6.61	467	0
Stage 3	1.48	5.49	160	0
Total	6.98	33.04		
Hydro				
KDPH	0.00	2.28	0	0
VTRNA	0.00	0.28	0	0
TILLARI	0.00	0.04	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	1.60	80	0
RNGR+BHTSA	0.00	0.21	0	0
BHANDARDRA	0.47	4.42	35	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.15	1.98	13	3
GHATGHAR	1.55	10.38	250	0
Total	2.36	21.19		
Wind				
Total	3.15	53.30	0	0
Total	3.15	53.30		
CPP				
APML(Mus)	56.81	494.95	0	0
JSWEL(Mus)	28.90	244.68	0	0
VIPL(Mus)	12.41	101.83	0	0
RPLAMT(Mus)	22.08	178.00	0	0
WPCL(Mus)	3.98	39.65	0	0
Other(Mus)	3.00	26.05	0	0
Total	127.17	1085.15		
SOLAR				
Total	1.09	9.86	0	0
Total	1.09	9.86		
Tata				
Trombay 5	11.54	96.29	488	444
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.00	24.31	118	57
Trombay 7B	1.34	14.26	68	46
Trombay 8	5.93	52.72	250	242
TATA Hydro	3.16	19.57	368	0
Total	23.96	207.15		
R-INFRA				
1-2	11.80	106.05	519	320
Total	11.80	106.05		

Infirm Power	Chandrapur 8	4.17
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	124.14	1046.62
MSPGCL Thml+Gas	134.16	1117.34

Koradi 8	2.97	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	9.34	54.23
MSPGCL Total	143.50	1171.58

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	5.50	27.56
State Total	310.68	2633.08

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 09/Oct/2015

Annexure-2

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	5537	61	429	6027	120	5235	0	4680	4703	-1229	14856	35	14891	2657	17548	49.98
2	5412	56	429	5897	114	5263	0	4570	4235	-1023	14486	33	14519	2409	16928	49.95
3	5268	56	429	5753	102	4840	0	4456	4484	-943	14236	36	14272	2250	16522	50.00
4	5255	61	429	5745	94	5028	0	4320	4390	-848	14409	36	14445	2152	16597	50.00
5	5254	71	430	5755	73	4947	0	4356	4263	-786	14252	36	14288	2093	16381	49.96
6	5326	126	430	5882	75	5124	0	4545	4564	-764	14881	54	14935	2154	17089	49.94
7	5415	87	434	5936	77	5283	0	4813	4988	-830	15454	100	15554	2254	17808	50.01
8	5486	367	433	6286	55	5394	29	4945	5082	-918	15928	124	16052	2346	18398	50.04
9	5466	420	430	6316	61	5492	66	5177	4985	-1243	15677	122	15799	2672	18471	49.93
10	5484	496	428	6408	112	5475	106	5255	5205	-1489	15817	83	15900	2995	18895	49.97
11	5225	613	351	6189	75	5418	141	5353	5313	-1637	15499	190	15689	3297	18986	50.00
12	5175	762	340	6277	65	5385	143	5392	5477	-1623	15724	460	16184	3353	19537	49.97
13	5076	592	373	6041	46	5349	172	5359	5299	-1643	15264	549	15813	3339	19152	49.99
14	5174	428	405	6007	42	5228	154	5295	5349	-1673	15107	445	15552	3244	18796	49.94
15	5160	660	418	6238	69	5372	113	5335	5404	-1652	15544	163	15707	3319	19026	49.92
16	5115	817	419	6351	60	5431	84	5369	5404	-1625	15705	87	15792	3341	19133	49.88
17	4967	681	422	6070	122	5463	62	5348	5080	-1618	15179	135	15314	3284	18598	49.88
18	4999	269	424	5692	133	5429	19	4667	4496	-1638	14131	182	14313	3204	17517	49.94
19	4930	396	424	5750	180	5403	3	4844	4903	-1523	14716	74	14790	3164	17954	49.88
20	4936	616	426	5978	233	5294	0	5218	5080	-1537	15048	103	15151	3112	18263	49.97
21	4890	653	426	5969	261	5374	0	5012	5101	-1517	15188	69	15257	2989	18246	49.90
22	4899	478	427	5804	318	5354	0	4768	4740	-1456	14760	48	14808	2850	17658	49.99
23	4897	138	430	5465	325	5289	0	4627	4657	-1438	14298	29	14327	2782	17109	49.99
24	4797	438	431	5666	342	5302	0	4479	4417	-1596	14131	29	14160	2751	16911	49.98
MUs	124.14	9.34	10.02	143.50	3.15	127.17	1.09	118.18	117.62	-32.25	360.29	3.22	363.51	68.01	431.52	49.96

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/Oct/2015

Position as on 6.30 Hrs of 10/Oct/2015

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	
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	
RGPPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPPL	Dabhol 3B	230	29/12/2013	06.14		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	Bhusawal Unit 2	210	13/09/2014	12.43		Continued.	Economic shutdown	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
IPP	RPL(AMT) U-5	270	03/04/2015	14.22		Continued.	turbine Shaft Vibration high.	
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	
CPP	WPCL U-1	135	25/08/2015	19.18	10/10/2015	01.14	Maintenance work	
IPP	Adani U-4	660	11/09/2015	20.49		Continued.	Abnormal sound in generator bearing	
MSPGCL	Nasik Unit 4	210	04/10/2015	11.32		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-1	270	06/10/2015	18.20	09/10/2015	04.38	ID Fan Problem	
MSPGCL	Koradi Unit-8	660	09/10/2015	10.21		Continued.	Boiler Tripped.	
MSPGCL	Koradi Unit 7	210	09/10/2015	16.14	10/10/2015	04.42	Auxiliary supply failure	
RINFRA-G	REL Unit 2	250	09/10/2015	23.29		Continued.	BTL	
CPP	WPCL U-4	135	10/10/2015	05.25		Continued.	ID Fan Problem	
IPP	RPL(AMT) U-4	270	10/10/2015	05.48		Continued.	ID Fan Problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 10/Oct/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
HVDC Pole-I	IntraState	07/10/2015	07.56		Continued.	PO	Annual Overhaul.
400 KV LINE Outages/Trippings							
Dabhol New koyna I	InterState	06/10/2015	11.21		Continued.	PO	Line Maintenance work
Chandrapur II - Dhariwal -I	InterState	08/10/2015	10.52		Continued.	PO	Tree Cutting Work.
Kolhapur Mapusa II	InterState	08/10/2015	21.01	09/10/2015	07.22	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	08/10/2015	22.26	09/10/2015	07.16	HT	Over Voltage
Dabhol Nagothane II	InterState	09/10/2015	16.05	09/10/2015	18.00	PO	Insolatar Maint. Work
Kolhapur Mapusa I	InterState	09/10/2015	22.03	10/10/2015	06.38	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	09/10/2015	22.15	10/10/2015	06.42	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	06/10/2015	09.44		Continued.	HT	For Controlling Line Loading.
Karad-Jaigad - I	IntraState	08/10/2015	17.05	10/10/2015	08.57	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	08/10/2015	17.39	09/10/2015	07.00	HT	Over Voltage
karad -kolhapur-II	IntraState	09/10/2015	17.05		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	09/10/2015	18.05	10/10/2015	06.46	HT	Over Voltage
Karad - Jaigad - II	IntraState	09/10/2015	21.05		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
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.
Padghe - Vasai	IntraState	15/08/2015	08:35		Continued.	PO	Removal of jumper & bunching work at Loc No. 51/1 & 35 (charged up to Loc No. 51/1 from Padghe end only)
Kalwa - Borivali	IntraState	16/08/2015	08.00		Continued.	PO	Erection of Loc.No.12 and shifting of conductor on NER M/C Tower
Padegaon-Sawangi	IntraState	08/10/2015	18.17	09/10/2015	00.47	T	R Phase String Insulator Decapped.R-E Fault.
REL Borivali Aarey Line	IntraState	09/10/2015	00.31	09/10/2015	03.42	PO	Fixing of Insulation Sleeves.
Kalwa - Colourchem	IntraState	09/10/2015	08.26	09/10/2015	18.39	PO	Line Maintenance work
Adlabs - Pedambe	IntraState	09/10/2015	08.30	09/10/2015	23.00	PO	Bay Maintenance Work.
Uran - Kharghar 2	IntraState	09/10/2015	09.50	09/10/2015	18.06	PO	Relay testing Work.
Raymond - Washala	IntraState	09/10/2015	10.19	09/10/2015	16.42	PO	Replacement of Faulty WaveTrap.
Padghe - Kamba	IntraState	09/10/2015	10.36	09/10/2015	15.08	PO	Line Maintenance work
Bombay Dyeing - Sahara	IntraState	09/10/2015	11.41	09/10/2015	17.39	PO	Relay Testing Work and R & M work.
Uran - Ongc Uran	IntraState	09/10/2015	15.17	09/10/2015	17.34	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	Internal Fault
220/22KV 100MVA T/F 4 @Mulund	IntraState	09/09/2015	12.20		Continued.	PO	Replacement of Control and Relay Panal
220/132 Kv 200 Mva Vijay Ict 2 @Malegaon	IntraState	09/10/2015	09.20	09/10/2015	12.30	PO	Diagnostic Testing Work.
132 KV LINE Outages/Trippings							
Boisar li - Viraj	IntraState	09/10/2015	10.46	09/10/2015	13.54	PO	Attending Hot Spot
Jindal - lol	IntraState	09/10/2015	15.20	09/10/2015	17.10	PO	Attending Hot Spot
Chalishaon-Pimparkhed	IntraState	09/10/2015	17.40	09/10/2015	19.20	PO	Bay Maintenance Work.

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