

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	136.748	1144.005	1) Gujrat	2.871	36.157
2) Hydro	6.811	107.813	2) Madhya Pradesh	11.232	94.796
3) Gas	6.302	61.289	3) Chattisgarh	5.950	50.040
Total MSPGCL	149.861	1313.107	4) Maharashtra Net	99.986	949.716
B) 1) APMIL	54.676	504.678	5) Goa	-7.026	-62.137
2) JSWEL	20.600	199.159	6) TAPS 1&2 Injection	3.521	31.933
3) VIPL	11.706	83.147	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	25.828	219.274	8) Pench (MS)	0.685	6.845
5) WPCL	5.832	48.539	9) Pench (Excess)	-0.685	-6.845
6) Other IPP	5.942	43.035	Total	115.849	1093.660
C) 1) TPCL Thermal	16.232	153.387	a) Mumbai Schedule	22.609	201.978
2) TPCL Hydro	2.564	18.549	b) Mumbai Drawl	28.026	247.818
3) TPCL Gas	3.840	25.847	c) MSEDCL Bilateral *	27.326	258.560
4) R-INFRA Thermal	10.577	103.140	Include PX	0.000	23.217
D) STATE			d) Mumbai Bilateral *	22.609	201.978
1) Thermal	288.141	2498.364	Include PX	3.522	43.610
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	9.375	126.362	H) ENERGY CATERED (MUs)		
3) Gas	10.142	87.136	1) MSEDCL	370.291	3309.038
4) Wind	6.945	42.145	2) Mumbai Discoms	61.239	548.743
6) SOLAR	1.078	10.112	TOTAL STATE	431.530	3857.781
TOTAL STATE	315.681	2764.119			

* 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 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5870	5902	5622	5481
MSPGCL Hydro	849	919	207	257
MSPGCL Gas	281	280	283	198
MSPGCL Total Generation	7000	7101	6112	5936
Central Sector Receipt	5788	5317	5054	4156
WIND	132	135	133	389
CPP / IPP	5588	5595	5479	4287
SOLAR	161	162	0	0
Exchange with Mumbai	-1352	-1354	-1391	-914
MSEDCL DEMAND MET	17317	16956	15387	13854
Load Shedding	382	400	177	41
MSEDCL DEMAND	17699	17356	15564	13895
TPCL GENERATION	1195	1189	1184	640
R-INFRA GENERATION	514	516	394	388
MUMBAI DEMAND	3061	3059	2969	1942
STATE DEMAND MET	20378	20015	18356	15796
STATE DEMAND	20760	20415	18533	15837
Frequency (Hz)	49.93	49.99	49.96	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 22.00 Hrs	49.64 Hz at 17.37 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 09/Nov/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	9.16	0	0
Unit 6	0.00	0.00	0	0
Unit 7	3.75	18.31	180	130
Total	3.75	27.47		
Bhusawal				
Unit 2	4.06	21.60	175	165
Unit 3	4.22	14.92	180	160
Unit 4	10.64	96.68	500	400
Unit 5	9.98	91.24	500	400
Total	28.90	224.44		
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	3.14	28.27	136	127
Unit 3	4.38	27.33	200	167
Unit 4	4.34	40.23	200	167
Unit 5	9.44	82.15	420	365
Unit 6	9.23	88.68	425	355
Unit 7	9.82	86.93	442	381
Total	40.36	353.59		
Paras				
Unit 3	5.21	46.38	231	202
Unit 4	5.76	50.63	259	204
Total	10.97	97.01		
Khaparkheda				
Unit 1	3.82	34.18	170	145
Unit 2	3.90	32.30	175	145
Unit 3	4.42	24.69	190	177
Unit 4	3.93	32.77	174	155
Unit 5	10.26	92.52	475	396
Total	26.32	216.47		
Nasik				
Unit 3	4.64	19.16	200	185
Unit 4	4.62	40.86	203	186
Unit 5	4.68	41.77	210	184
Total	13.94	101.78		
Uran				
All Units	6.30	61.29	305	142
Total	6.30	61.29		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.68	6.84	40	1
Total	0.68	6.84		
Koyna				
Stage 1-2	2.54	32.62	415	40
Stage 4	0.00	27.46	0	0
Stage 3	0.75	13.13	160	0
Total	3.29	73.20		
Hydro				
KDPH	0.44	5.17	19	18
VTRNA	0.54	4.44	61	0
TILLARI	0.00	0.05	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.09	0.97	80	0
RNGR+BHTSA	0.36	2.17	15	14
BHANDARDRA	0.45	3.92	29	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.49	4.60	28	18
GHATGHAR	1.16	13.29	250	0
Total	3.52	34.61		
Wind				
Total	6.94	42.14	0	0
Total	6.94	42.14		
CPP				
APML(Mus)	54.68	504.68	0	0
JSWEL(Mus)	20.60	199.16	0	0
VIPL(Mus)	11.71	83.15	0	0
RPLAMT(Mus)	25.83	219.27	0	0
WPCL(Mus)	5.83	48.54	0	0
Other(Mus)	5.94	43.04	0	0
Total	124.58	1097.83		
SOLAR				
Total	1.08	10.11	0	0
Total	1.08	10.11		
Tata				
Trombay 5	10.54	100.77	492	317
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.35	14.80	115	64
Trombay 7B	1.49	11.04	68	51
Trombay 8	5.70	52.62	252	200
TATA Hydro	2.56	18.55	290	0
Total	22.64	197.78		
R-INFRA				
1-2	10.58	103.14	516	388
Total	10.58	103.14		

Infirm Power	Chandrapur 8	12.02
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	136.75	1144.00
MSPGCL Thml+Gas	143.05	1205.29

Koradi 8	0.49	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	6.81	107.81
MSPGCL Total	149.86	1313.11

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.54	60.08
State Total	315.68	2764.12

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/Nov/2015

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	5980	157	142	6279	325	4262	0	4719	4972	-1214	14624	38	14662	2235	16897	49.96
2	5478	227	158	5863	409	4320	0	4646	4788	-1038	14342	34	14376	2063	16439	49.97
3	5481	257	198	5936	389	4287	0	4684	4156	-914	13854	41	13895	1942	15837	49.98
4	5480	191	210	5881	374	4216	0	4410	4482	-822	14131	52	14183	1852	16035	49.97
5	5486	145	188	5819	376	4247	0	4465	4879	-787	14534	109	14643	1822	16465	49.95
6	5545	130	270	5945	373	4696	0	4634	4812	-771	15055	246	15301	1878	17179	49.97
7	5623	125	281	6029	382	5172	2	4812	4786	-697	15674	396	16070	1936	18006	49.90
8	5661	152	291	6104	336	5336	21	4958	5266	-754	16309	416	16725	2069	18794	49.98
9	5844	277	305	6426	316	5463	60	5144	4985	-941	16309	426	16735	2373	19108	49.98
10	5794	312	287	6393	346	5549	122	5269	5318	-1279	16449	351	16800	2745	19545	49.94
11	5797	601	284	6682	262	5540	144	5340	5329	-1305	16652	333	16985	3024	20009	49.91
12	5870	849	281	7000	132	5588	161	5389	5788	-1352	17317	382	17699	3061	20760	49.93
13	5902	919	280	7101	135	5595	162	5264	5317	-1354	16956	400	17356	3059	20415	49.99
14	5910	338	280	6528	189	5654	161	5272	5366	-1322	16576	377	16953	2982	19935	49.97
15	5914	328	277	6519	209	5692	123	5188	5090	-1367	16266	307	16573	3004	19577	49.92
16	5906	411	281	6598	263	5690	77	5179	5268	-1365	16531	244	16775	3001	19776	49.95
17	5897	238	282	6417	186	5723	36	5002	4713	-1367	15708	259	15967	2968	18935	49.92
18	5658	138	281	6077	152	5555	9	4416	4054	-1351	14496	222	14718	2911	17629	49.85
19	5622	207	283	6112	133	5479	0	4926	5054	-1391	15387	177	15564	2969	18533	49.96
20	5741	181	284	6206	118	5528	0	4904	4828	-1379	15301	159	15460	2945	18405	49.96
21	5583	166	289	6038	254	5450	0	4859	4577	-1372	14947	83	15030	2778	17808	49.95
22	5541	181	291	6013	382	5309	0	4811	4326	-1324	14706	47	14753	2639	17392	50.02
23	5528	171	289	5988	421	5203	0	4447	3651	-1241	14022	45	14067	2535	16602	49.95
24	5507	110	290	5907	483	5030	0	4362	4044	-1319	14145	40	14185	2448	16633	49.99
MUs	136.75	6.81	6.30	149.86	6.95	124.58	1.08	117.10	115.85	-28.03	370.29	5.18	375.47	61.24	436.71	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 09/Nov/2015

Position as on 6.30 Hrs of 10/Nov/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	
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	
IPP	RPL(AMT) U-5	270	03/04/2015	14.22	09/11/2015	10.40	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	23/10/2015	17.31		Continued.	ESP filter problem	
MSPGCL	Koradi Unit 5	200	04/11/2015	07.39		Continued.	ID Fan Problem	
IPP	JSW (J) U4	300	05/11/2015	21.58		Continued.	Turbine Bearing Inspection.	
IPP	Adani U-4	660	07/11/2015	15.51		Continued.	Hot Air Outlet Leakage.	
MSPGCL	Uran Unit A0	120	08/11/2015	06.52	09/11/2015	04.50	Due to Excitation Problem.	
MSPGCL	Uran Unit 6	108	08/11/2015	06.52	09/11/2015	00.59	Due to Excitation Problem.	
MSPGCL	Uran Unit 5	108	08/11/2015	06.54	10/11/2015	00.48	Voltage Regulator Off	
MSPGCL	Koradi Unit-8	660	09/11/2015	01.07		Continued.	Coal mill problem	

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

Statement-VII

Position as on 6.30 Hrs of 10/Nov/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							
Chandrapur - Padghe Hvdc Pole 2	IntraState	09/11/2015	20.43	10/11/2015	01.47	T	Converter blocked from C'Pur end
400 KV LINE Outages/Trippings							
Kolhapur Mapusa II	InterState	07/11/2015	12.54	09/11/2015	01.13	PO	LiLo of Kolhapur Mapusa D/C.
Dhule Sar'Sarovar I	InterState	08/11/2015	20.16	09/11/2015	06.41	HT	Over Voltage
Kolhapur(M)-Kolhapur(GIS) cktII	InterState	09/11/2015	01.13	09/11/2015	01.14	PO	First Time Charged
Dhule Sar'Sarovar I	InterState	09/11/2015	18.10		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	06/10/2015	09.44		Continued.	HT	For Controlling Line Loading.
Babhaleshwar-Taptitanda ckt-I	IntraState	07/11/2015	14.41		Continued.	HT	Controlling Line Loading,
Karad - Jaigad - II	IntraState	08/11/2015	16.32	09/11/2015	09.22	HT	Over Voltage
karad -kolhapur-I	IntraState	08/11/2015	17.08	09/11/2015	09.20	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	08/11/2015	18.03	09/11/2015	06.46	HT	Over Voltage
Koradi - Koradi II	IntraState	09/11/2015	14.39	09/11/2015	18.59	EO	Testing Work
karad -kolhapur-II	IntraState	09/11/2015	16.01		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	09/11/2015	16.04		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	09/11/2015	17.39		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.
Wadkhal - Ndil 2	IntraState	06/11/2015	10.45		Continued.	PO	Replacement of 220KV Panels,Bay Equipements(6 Days)
Wadkhal - Ipcl 1	IntraState	06/11/2015	11.50		Continued.	PO	Replacement of Conductors (for 15 Days).
Miraj - Ichalkaranji II	IntraState	07/11/2015	12.27	09/11/2015	07.11	HT	Aviling outage on 400kv Kolhapur Mapusa Line.
Kalwa Salsette III	IntraState	08/11/2015	06.40	09/11/2015	00.12	PO	Salshet for bay shifting work.
Trombay Salsette 1 Backbay	IntraState	08/11/2015	07.48	10/11/2015	04.45	PO	Modification of work
Kalwa-Salsette-VI	IntraState	09/11/2015	07.28	10/11/2015	03.40	PO	Bay swapping work at Salsette
Padghe - Vasai	IntraState	09/11/2015	09.42	09/11/2015	12.55	EO	To attend Hot Spot
Halkarni - Tillari II	IntraState	09/11/2015	10.02	09/11/2015	15.50	PO	Half yearly maint.work
Padghe - Wada	IntraState	09/11/2015	14.25	09/11/2015	20.12	PO	Relay replacement work
Uran - Apta IV	IntraState	10/11/2015	01.52	10/11/2015	02.14	T	Distance Protection
Kalwa-Salsette-IV	IntraState	10/11/2015	06.03	10/11/2015	06.27	HT	Current Unbalance
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/132 Kv 200MVA ICT II @Dhule	IntraState	09/11/2015	15.22	09/11/2015	15.23	T	Tripped on PDR
132 KV LINE Outages/Trippings							
Dhule- Nardane	IntraState	09/11/2015	15.22	09/11/2015	15.30	T	Tripped without Indication
Mul-Sindewahi	IntraState	09/11/2015	19.17	09/11/2015	19.33	T	Distance Protection
100 KV LINE Outages/Trippings							
Kalwa - Vashi 1	IntraState	08/11/2015	02.08	09/11/2015	15.15	T	Distance Protection

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