

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Dec/2015 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	113.072	658.402	1) Gujrat	-1.468	20.101
2) Hydro	6.775	60.627	2) Madhya Pradesh	7.584	45.871
3) Gas	10.589	53.709	3) Chattisgarh	5.620	32.290
Total MSPGCL	130.436	772.738	4) Maharashtra Net	72.582	503.263
B) 1) APML	43.736	308.815	5) Goa (Amona)	-0.470	-3.288
2) JSWEL	21.080	133.969	6) TAPS 1&2 Injection	3.564	21.318
3) VIPL	10.154	67.073	7) RGPPL Injection	6.294	37.727
4) RPL(AMT)	18.770	131.027	8) Pench (MS)	0.269	1.274
5) WPCL	5.548	30.765	9) Pench (Excess)	-0.269	-1.274
6) Other IPP	11.390	65.115	Total	93.437	656.008
C) 1) TPCL Thermal	12.698	88.280	a) Mumbai Schedule	14.708	118.043
2) TPCL Hydro	0.166	13.193	b) Mumbai Drawl	21.374	152.294
3) TPCL Gas	3.803	23.431	c) MSEDCL Bilateral *	28.758	148.587
4) R-INFRA Thermal	9.590	63.217	Include PX	-0.061	-1.919
D) STATE			d) Mumbai Bilateral *	14.708	118.043
1) Thermal	246.038	1546.663	Include PX	-0.009	1.065
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	6.941	73.820	H) ENERGY CATERED (MUs)		
3) Gas	14.392	77.140	1) MSEDCL	330.853	2062.386
4) Wind	16.464	42.603	2) Mumbai Discoms	47.630	340.413
6) SOLAR	1.212	6.567	TOTAL STATE	378.483	2402.799
TOTAL STATE	285.047	1746.793			

* 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 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4717	4724	4760	4593
MSPGCL Hydro	493	293	455	150
MSPGCL Gas	440	422	439	455
MSPGCL Total Generation	5650	5439	5654	5198
Central Sector Receipt	4624	5084	4223	2711
WIND	975	794	500	806
CPP / IPP	5002	4752	4503	4307
SOLAR	146	184	0	0
Exchange with Mumbai	-947	-1038	-1163	-585
MSEDCL DEMAND MET	15450	15215	13717	12437
Load Shedding	15	15	12	11
MSEDCL DEMAND	15465	15230	13729	12448
TPCL GENERATION	700	697	665	703
R-INFRA GENERATION	400	399	399	399
MUMBAI DEMAND	2047	2134	2227	1687
STATE DEMAND MET	17497	17349	15944	14124
STATE DEMAND	17512	17364	15956	14135
Frequency (Hz)	49.97	49.97	50.00	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.28 Hz at 06.01 Hrs	49.77 Hz at 17.39 Hrs	49.99	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 06/Dec/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.88	17.01	130	115
Unit 6	0.00	0.00	0	0
Unit 7	0.67	7.27	160	0
Total	3.55	24.28		
Bhusawal				
Unit 2	4.13	24.52	175	160
Unit 3	4.10	24.49	175	170
Unit 4	10.26	61.20	460	410
Unit 5	10.16	62.84	440	405
Total	28.66	173.06		
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	2.91	17.68	124	118
Unit 3	4.12	26.13	181	160
Unit 4	4.32	26.63	186	175
Unit 5	9.09	57.72	390	360
Unit 6	0.00	0.00	0	0
Unit 7	9.48	59.27	419	372
Total	29.92	187.42		
Paras				
Unit 3	5.06	29.99	220	202
Unit 4	5.15	32.79	223	202
Total	10.21	62.78		
Khaparkheda				
Unit 1	3.78	21.88	170	135
Unit 2	3.86	22.06	170	140
Unit 3	4.36	24.30	187	177
Unit 4	2.45	16.39	164	0
Unit 5	9.28	55.00	400	370
Total	23.73	139.63		
Nasik				
Unit 3	0.07	4.19	45	0
Unit 4	4.28	26.52	187	165
Unit 5	4.62	27.92	198	186
Total	8.97	58.63		
Uran				
All Units	10.59	53.71	465	410
Total	10.59	53.71		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.27	1.27	40	0
Total	0.27	1.27		
Koyna				
Stage 1-2	1.88	15.71	325	40
Stage 4	0.00	12.83	0	0
Stage 3	0.30	5.78	80	0
Total	2.18	34.32		
Hydro				
KDPH	0.44	3.73	19	18
VTRNA	0.60	3.21	61	0
TILLARI	0.15	1.38	60	0
BHTGR/VEER	0.05	0.21	3	2
BHIRA T.R.	0.12	0.83	40	0
RNGR+BHTSA	0.25	1.48	15	0
BHANDARDRA	0.47	2.95	45	11
ELDARY	0.25	0.32	12	10
SMLHY_PTN	0.72	4.19	37	27
GHATGHAR	1.54	8.01	250	0
Total	4.59	26.31		
Wind				
Total	16.46	42.60	0	0
Total	16.46	42.60		
CPP				
APML(Mus)	43.74	308.82	0	0
JSWEL(Mus)	21.08	133.97	0	0
VIPL(Mus)	10.15	67.07	0	0
RPLAMT(Mus)	18.77	131.03	0	0
WPCL(Mus)	5.55	30.76	0	0
Other(Mus)	11.39	65.12	0	0
Total	110.68	736.76		
SOLAR				
Total	1.21	6.57	0	0
Total	1.21	6.57		
Tata				
Trombay 5	7.58	55.47	317	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.32	14.38	115	81
Trombay 7B	1.49	9.05	68	56
Trombay 8	5.11	32.81	250	200
TATA Hydro	0.17	13.19	100	20
Total	16.67	124.90		
R-INFRA				
1-2	9.59	63.22	403	396
Total	9.59	63.22		

Infirm Power	Chandrapur 8	0.00
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	113.07	658.40
MSPGCL Thml+Gas	123.66	712.11

Koradi 8	8.04	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	6.78	60.63
MSPGCL Total	130.44	772.74

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.88	28.54
State Total	285.05	1746.79

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/Dec/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	4680	149	453	5282	717	4453	0	3303	3330	-909	12873	18	12891	2008	14899	49.98
2	4763	108	455	5326	777	4368	0	3120	3102	-751	12822	11	12833	1853	14686	49.99
3	4745	109	453	5307	857	4262	0	3016	2751	-648	12529	11	12540	1750	14290	49.98
4	4593	150	455	5198	806	4307	0	3008	2711	-585	12437	11	12448	1687	14135	50.00
5	4533	209	453	5195	812	4477	0	3503	3114	-556	13042	11	13053	1660	14713	50.02
6	4473	142	457	5072	782	4605	0	4145	3586	-619	13426	15	13441	1709	15150	50.01
7	4550	203	462	5215	703	4596	0	4170	4289	-678	14125	15	14140	1735	15875	50.04
8	4590	520	459	5569	699	4796	19	4185	4411	-671	14823	15	14838	1742	16580	49.94
9	4655	526	465	5646	662	5272	69	4731	4487	-749	15387	15	15402	1817	17219	49.95
10	4696	531	453	5680	831	5143	134	4912	4575	-845	15518	15	15533	1943	17476	49.98
11	4717	493	440	5650	975	5002	146	4910	4624	-947	15450	15	15465	2047	17512	49.97
12	4734	387	428	5549	880	4900	185	4912	4729	-979	15264	15	15279	2084	17363	49.94
13	4724	293	422	5439	794	4752	184	4926	5084	-1038	15215	15	15230	2134	17364	49.97
14	4703	296	410	5409	656	4696	170	4925	4536	-951	14516	16	14532	2082	16614	50.00
15	4751	282	414	5447	550	4586	138	4909	4892	-863	14750	12	14762	2050	16812	49.99
16	4832	404	420	5656	484	4504	117	4905	4884	-923	14722	12	14734	2034	16768	50.00
17	4813	307	422	5542	454	4499	42	4902	4448	-909	14076	12	14088	2008	16096	49.98
18	4782	139	426	5347	455	4511	8	4059	3606	-956	12971	12	12983	2046	15029	49.96
19	4760	455	439	5654	500	4503	0	4240	4223	-1163	13717	12	13729	2227	15956	50.00
20	4762	201	432	5395	535	4499	0	4741	4345	-1151	13623	12	13635	2234	15869	49.97
21	4771	276	450	5497	581	4511	0	3994	3594	-1140	13043	12	13055	2227	15282	49.96
22	4827	226	437	5490	688	4490	0	3412	2900	-1139	12429	12	12441	2223	14664	50.03
23	4813	232	432	5477	637	4478	0	2675	2525	-1118	11999	12	12011	2187	14198	49.98
24	4805	137	452	5394	629	4469	0	2533	2692	-1086	12098	12	12110	2144	14254	50.00
MUs	113.07	6.78	10.59	130.44	16.46	110.68	1.21	98.14	93.44	-21.37	330.85	0.32	331.17	47.63	378.80	49.99

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 06/Dec/2015

Position as on 6.30 Hrs of 07/Dec/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	
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	
CPP	WPCL U-1	135	23/10/2015	17.31		Continued.	ESP filter problem	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
IPP	RPL(AMT) U-4	270	18/11/2015	11.48		Continued.	PA Fan problem	
IPP	Adani U-5	660	22/11/2015	08.55		Continued.	Leakage tube oil system	
MSPGCL	Chandrapur Unit 6	500	30/11/2015	20.01		Continued.	Turbine bearing Vabration high	
MSPGCL	Nasik Unit 3	210	04/12/2015	18.20	06/12/2015	14.35	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	05/12/2015	21.36	06/12/2015	07.38	Turbine Vibration High.	
IPP	RPL(AMT) U-5	270	06/12/2015	01.35	06/12/2015	03.18	Drum level low	
MSPGCL	Koradi Unit 7	210	06/12/2015	04.40		Continued.	Boiler Tube Leakage	
MSPGCL	Nasik Unit 3	210	06/12/2015	16.15		Continued.	Rotor E/F.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Dec/2015

Statement-VII

Position as on 6.30 Hrs of 07/Dec/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 1	IntraState	05/12/2015	08.21		Continued.	PO	Annual Maintenance & Allied Work.
Chandrapur - Padghe Hvdc Pole 2	IntraState	05/12/2015	08.21	06/12/2015	20.02	PO	Annual Maintenance & Allied Work.
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	05/12/2015	17.28	06/12/2015	07.36	T	Over Voltage
Kolhapur Solapur (PG) II	InterState	05/12/2015	17.46	06/12/2015	07.35	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	06/12/2015	14.10		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	06/12/2015	16.42		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	20/11/2015	12.01		Continued.	PO	Testing Work,RFC @ 17.40 Hrs.
Karad - Jaigad - II	IntraState	05/12/2015	16.37		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	05/12/2015	16.42	06/12/2015	09.03	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	05/12/2015	17.04	06/12/2015	07.22	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	05/12/2015	21.13	06/12/2015	10.24	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	06/12/2015	13.49	06/12/2015	15.11	T	Distance Protection
karad -kolhapur-I	IntraState	06/12/2015	16.09		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	06/12/2015	17.13		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	06/12/2015	21.44		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 500MVA ICT 2@koradi 2	IntraState	02/12/2015	12.35		Continued.	T	Differential protection
220 KV LINE Outages/Trippings							
Boisar Tarapur	InterState	20/11/2015	06.05		Continued.	PO	String Work of M/C 0.4KM Between Boiser Gantry & Loc Noc1/A1(20 Days).
Borivali - Tarapur	InterState	06/12/2015	00.21	06/12/2015	23.10	PO	220KV Bus Strengthening Work @ Borivali.
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.
Wadkhali - Ipcl 1	IntraState	06/11/2015	11.50		Continued.	PO	Replacement of Conductors (for 15 Days).
Kalwa-Salsette-IV	IntraState	14/11/2015	08.20		Continued.	PO	Conductor uprating work (35 days outage)
Boisar(M) - Ghodbunder	IntraState	20/11/2015	06.18		Continued.	PO	String Work ofM/C 0.4KM Between Boiser Gantry & Loc No.1/A1(20 Days).
REL Borivali MSETCL Borivali Line-1	IntraState	05/12/2015	22.20	06/12/2015	10.35	PO	220KV Bus Strengthening Work @ Borivali.
Gorai MSETCL Borivali Line-1	IntraState	05/12/2015	22.22	06/12/2015	10.57	PO	220KV Bus Strengthening Work @ Borivali.
Gorai MSETCL Borivali Line-2	IntraState	05/12/2015	23.26	06/12/2015	23.50	PO	220KV Bus Strengthening Work @ Borivali.
Borivali - Ghodbunder	IntraState	05/12/2015	23.34	06/12/2015	09.33	PO	220KV Bus Strengthening Work @ Borivali.
GIS Bhandup - Borivali	IntraState	05/12/2015	23.43	06/12/2015	23.10	PO	220KV Bus Strengthening Work @ Borivali.
REL Borivali MSETCL Borivali Line-2	IntraState	06/12/2015	00.26	06/12/2015	23.56	PO	220KV Bus Strengthening Work @ Borivali.
Kalwa - Borivali	IntraState	06/12/2015	00.40	06/12/2015	09.13	PO	220KV Bus Strengthening Work @ Borivali.

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 06/Dec/2015

Statement-VII

Position as on 6.30 Hrs of 07/Dec/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
132 KV LINE Outages/Trippings							
Pusad-Umarkhed	IntraState	05/12/2015	20.33		Continued.	T	Distance Protection B,Y Ph Z-1 @ 132KV Umerkhed S/S B Ph CC Burst.
100 KV LINE Outages/Trippings							
Borivali II - TATA II	IntraState	05/12/2015	22.08	07/12/2015	00.02	PO	220KV Bus Strengthening Work @ Borivali.