

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Nov/2015 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.818	864.068	1) Gujrat	2.106	30.553
2) Hydro	9.178	94.974	2) Madhya Pradesh	10.146	74.264
3) Gas	10.297	54.987	3) Chattisgarh	6.580	38.680
Total MSPGCL	150.293	1014.029	4) Maharashtra Net	104.086	747.446
B) 1) APML	53.420	401.419	5) Goa	-5.774	-50.566
2) JSWEL	21.369	157.613	6) TAPS 1&2 Injection	3.498	24.897
3) VIPL	11.588	59.740	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	25.824	170.661	8) Pench (MS)	0.696	5.406
5) WPCL	5.624	36.935	9) Pench (Excess)	-0.696	-5.406
6) Other IPP	5.132	31.689	Total	119.946	859.868
C) 1) TPCL Thermal	17.581	120.703	a) Mumbai Schedule	20.124	161.187
2) TPCL Hydro	1.740	15.917	b) Mumbai Drawl	27.176	197.485
3) TPCL Gas	2.655	18.989	c) MSEDCL Bilateral *	22.382	201.993
4) R-INFRA Thermal	11.673	81.708	Include PX	5.178	21.117
D) STATE			d) Mumbai Bilateral *	20.124	161.187
1) Thermal	283.029	1924.536	Include PX	4.098	37.787
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	10.918	110.891	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	12.952	73.976	1) MSEDCL	370.163	2573.379
4) Wind	3.002	30.999	2) Mumbai Discoms	60.825	434.803
6) SOLAR	1.141	7.911	TOTAL STATE	430.988	3008.182
TOTAL STATE	311.042	2148.313			

* 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 16 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5252	5384	5467	5544
MSPGCL Hydro	513	859	501	127
MSPGCL Gas	416	414	425	439
MSPGCL Total Generation	6181	6657	6393	6110
Central Sector Receipt	5777	5858	5219	3790
WIND	128	65	73	185
CPP / IPP	5511	5286	4876	5292
SOLAR	167	101	0	0
Exchange with Mumbai	-1357	-1362	-1344	-672
MSEDCL DEMAND MET	16407	16605	15217	14705
Load Shedding	439	350	216	111
MSEDCL DEMAND	16846	16955	15433	14816
TPCL GENERATION	1056	1015	1045	843
R-INFRA GENERATION	515	514	512	464
MUMBAI DEMAND	2928	2891	2901	1979
STATE DEMAND MET	19335	19496	18118	16684
STATE DEMAND	19774	19846	18334	16795
Frequency (Hz)	50.00	49.90	50.00	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 05.02 Hrs	49.69 Hz at 15.18 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 07/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	3.88	10.88	170	145
Total	3.88	20.05		
Bhusawal				
Unit 2	3.98	13.63	175	155
Unit 3	0.00	7.15	0	0
Unit 4	10.66	75.30	500	400
Unit 5	7.80	72.50	340	305
Total	22.45	168.59		
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	3.19	21.93	139	126
Unit 3	4.31	18.63	195	167
Unit 4	4.57	31.54	200	169
Unit 5	9.45	63.32	410	360
Unit 6	9.16	69.76	450	300
Unit 7	10.06	67.08	451	380
Total	40.74	272.28		
Paras				
Unit 3	4.98	35.85	231	174
Unit 4	5.80	39.21	271	217
Total	10.78	75.05		
Khaparkheda				
Unit 1	3.46	26.48	170	110
Unit 2	3.27	24.52	150	125
Unit 3	4.26	15.86	183	172
Unit 4	3.87	24.76	174	150
Unit 5	9.84	72.36	470	355
Total	24.70	163.97		
Nasik				
Unit 3	3.90	9.98	195	65
Unit 4	4.64	31.75	203	185
Unit 5	4.73	32.45	208	188
Total	13.27	74.17		
Uran				
All Units	10.30	54.99	443	410
Total	10.30	54.99		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.70	5.41	40	21
Total	0.70	5.41		
Koyna				
Stage 1-2	3.01	27.66	365	40
Stage 4	1.21	27.46	440	0
Stage 3	0.62	11.62	80	0
Total	4.84	66.73		
Hydro				
KDPH	0.44	4.29	19	18
VTRNA	0.49	3.42	61	0
TILLARI	0.00	0.05	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.15	0.81	80	0
RNGR+BHTSA	0.26	1.56	14	0
BHANDARDRA	0.44	3.06	31	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.53	3.62	29	19
GHATGHAR	2.04	11.44	250	0
Total	4.34	28.24		
Wind				
Total	3.00	31.00	0	0
Total	3.00	31.00		
CPP				
APML(Mus)	53.42	401.42	0	0
JSWEL(Mus)	21.37	157.61	0	0
VIPL(Mus)	11.59	59.74	0	0
RPLAMT(Mus)	25.82	170.66	0	0
WPCL(Mus)	5.62	36.94	0	0
Other(Mus)	5.13	31.69	0	0
Total	122.96	858.06		
SOLAR				
Total	1.14	7.91	0	0
Total	1.14	7.91		
Tata				
Trombay 5	11.66	79.54	492	433
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.47	10.72	62	59
Trombay 7B	1.18	8.27	51	47
Trombay 8	5.93	41.16	249	245
TATA Hydro	1.74	15.92	207	0
Total	21.98	155.61		
R-INFRA				
1-2	11.67	81.71	518	387
Total	11.67	81.71		

Infirm Power	Chandrapur 8	11.36
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	130.82	864.07
MSPGCL Thml+Gas	141.12	919.06

Koradi 8	3.62	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	9.18	94.97
MSPGCL Total	150.29	1014.03

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	4.22	55.12
State Total	311.04	2148.31

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/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	5449	262	437	6148	110	5180	0	4906	4637	-1151	14924	36	14960	2448	17408	49.94
2	5524	145	438	6107	143	5279	0	4682	4255	-871	14913	55	14968	2227	17195	49.97
3	5650	122	437	6209	165	5345	0	4415	3898	-722	14895	82	14977	2083	17060	49.99
4	5544	127	439	6110	185	5292	0	4390	3790	-672	14705	111	14816	1979	16795	49.98
5	5516	152	440	6108	179	4977	0	4397	4278	-707	14835	144	14979	1937	16916	49.98
6	5468	252	441	6161	189	5122	0	4611	4495	-731	15236	232	15468	1966	17434	49.95
7	5528	120	443	6091	208	5313	0	5054	4692	-747	15557	367	15924	1989	17913	49.93
8	5656	247	443	6346	152	5392	20	5038	4741	-688	15963	408	16371	2048	18419	49.97
9	5738	374	436	6548	165	5456	72	5213	4750	-916	16075	432	16507	2281	18788	49.96
10	5485	485	428	6398	180	5514	115	5659	5517	-1211	16513	391	16904	2606	19510	49.93
11	5263	769	422	6454	165	5530	162	5860	5418	-1377	16352	375	16727	2890	19617	50.00
12	5252	513	416	6181	128	5511	167	6005	5777	-1357	16407	439	16846	2928	19774	50.00
13	5225	381	410	6016	103	5499	180	6009	5784	-1359	16223	499	16722	2919	19641	50.02
14	5223	355	414	5992	74	5492	153	5949	6051	-1290	16472	475	16947	2820	19767	50.03
15	5269	400	413	6082	71	5478	122	5979	5763	-1321	16195	374	16569	2850	19419	49.94
16	5384	859	414	6657	65	5286	101	5848	5858	-1362	16605	350	16955	2891	19846	49.90
17	5380	1099	416	6895	111	4875	43	5521	5270	-1394	15800	353	16153	2884	19037	49.93
18	5399	610	422	6431	82	4845	6	4999	4369	-1288	14445	355	14800	2831	17631	49.94
19	5467	501	425	6393	73	4876	0	5206	5219	-1344	15217	216	15433	2901	18334	50.00
20	5474	399	427	6300	67	4850	0	5400	5254	-1350	15121	130	15251	2863	18114	49.97
21	5572	279	430	6281	69	4838	0	5371	5238	-1418	15008	98	15106	2776	17882	49.95
22	5522	263	435	6220	94	4777	0	5081	4773	-1304	14560	80	14640	2653	17293	49.98
23	5408	207	434	6049	110	4671	0	4865	5160	-1312	14678	37	14715	2549	17264	49.93
24	5422	257	437	6116	114	4678	0	4840	4959	-1284	14583	33	14616	2506	17122	49.93
MUs	130.8 2	9.18	10.30	150.29	3.00	124.08	1.14	125.30	119.95	-27.18	371.28	6.07	377.35	60.82	438.18	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 07/Nov/2015

Position as on 6.30 Hrs of 08/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		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	23/10/2015	17.31		Continued.	ESP filter problem	
IPP	Adani U-3	660	27/10/2015	09.48	08/11/2015	10.37	Excitation Tranf. Abnormal Sound.	
MSPGCL	Bhusawal Unit 3	210	03/11/2015	21.23	08/11/2015	00.56	Boiler Tube Leakage	
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.	
MSPGCL	Koradi Unit-8	660	07/11/2015	09.30	07/11/2015	19.19	MST Optd.	
IPP	Adani U-4	660	07/11/2015	15.51		Continued.	Hot Air Outlet Leakage.	
MSPGCL	Uran Unit 6	108	08/11/2015	06.52		Continued.	Due to Excitation Problem.	
MSPGCL	Uran Unit A0	120	08/11/2015	06.52		Continued.	Due to Excitation Problem.	
MSPGCL	Uran Unit 8	108	08/11/2015	06.52	08/11/2015	07.53	Due to Excitation Problem.	
MSPGCL	Uran Unit B0	120	08/11/2015	06.55	08/11/2015	09.26	Due to Excitation Problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Nov/2015

Statement-VII

Position as on 6.30 Hrs of 08/Nov/2015

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							
Kolhapur Mapusa I	InterState	06/11/2015	18.08	08/11/2015	22.58	HT	Lilo for PG Gis.
Dhule Sar'Sarovar I	InterState	06/11/2015	21.04	07/11/2015	07.08	HT	Over Voltage
Kolhapur Mapusa II	InterState	07/11/2015	12.54		Continued.	PO	LiLo of Kolhapur Mapusa D/C.
Dhule Sar'Sarovar I	InterState	07/11/2015	13.08	08/11/2015	07.01	PO	Quarterly Maintanance Work (RFC 17:30)
Dhule Sar'Sarovar I	InterState	08/11/2015	20.16		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	06/10/2015	09.44		Continued.	HT	For Controlling Line Loading.
Babhaleshwar-Taptitanda ckt-II	IntraState	25/10/2015	19.26	07/11/2015	14.40	HT	Controlling BBLR ICT Loading.
Padghe - Kalwa- I	IntraState	06/11/2015	07.29	07/11/2015	17.06	PO	Shifted on TBC at kalwa end.
karad -kolhapur-I	IntraState	06/11/2015	16.33	07/11/2015	07.10	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	06/11/2015	20.19	07/11/2015	07.01	HT	Over Voltage
Chandrapur - Parli	IntraState	07/11/2015	08.53	07/11/2015	19.07	PO	Fixing and Replacement of Broken spacer cum vibration damper.
Babhaleshwar-Taptitanda ckt-I	IntraState	07/11/2015	14.41		Continued.	HT	Controlling Line Loading,
Bhusawal-Aurangabad	IntraState	07/11/2015	17.38	08/11/2015	06.49	HT	Over Voltage
Karad-Jaigad - I	IntraState	07/11/2015	18.01	08/11/2015	09.26	HT	Over Voltage
Karad - Jaigad - II	IntraState	08/11/2015	16.32		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	08/11/2015	17.08		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	08/11/2015	18.03		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 315 Mva Ict -2 @New Koyna	IntraState	06/11/2015	07.33	07/11/2015	01.06	PO	Backup Relay Retrofitting Work
400/220kv, 500 MVA ICT-II @Deepnagar	IntraState	07/11/2015	09.00	07/11/2015	19.08	PO	Relay Testing & CB Timing Work.
400/220 KV 315MVA ICT II @ Parli	IntraState	07/11/2015	10.19	07/11/2015	11.02	T	LV side fault load affected.
400/220kv 315MVA ICT-I@Parly	IntraState	07/11/2015	10.19	07/11/2015	11.50	T	LV side fault load affected.
400/220/33 Kv 500 MVA ICT-III @Girwali	IntraState	07/11/2015	10.19	07/11/2015	11.22	T	LV Side Fault
220 KV LINE Outages/Trippings							
Nasik Navsari II	InterState	07/11/2015	08.56	07/11/2015	18.11	PO	Half yearly maintenance work
Borivali - Tarapur	InterState	08/11/2015	07.20	08/11/2015	09.45	PO	For Clerance Purpose.
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.
Nagothane - MSL	IntraState	13/10/2015	16.44	08/11/2015	19.34	T	Distance Protection
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).
Chalisgaon -Babhaleshwar	IntraState	07/11/2015	07.14	07/11/2015	17.07	HT	To Control BBLSR ICT O/L.
REL Borivali MSETCL Borivali Line-2	IntraState	07/11/2015	09.28	07/11/2015	19.51	PO	Attending Mech. Jam problem for Isolator.
Bus Coupler @ Borivali	IntraState	07/11/2015	10.16	07/11/2015	19.43	PO	For attending mech. jam problem for Isolator.
Parly-Parly Extn.-II	IntraState	07/11/2015	10.20	07/11/2015	11.26	T	LTS Optd for 400kv Parly ICT.
Harangul-Parly	IntraState	07/11/2015	10.20	07/11/2015	11.30	T	LTS Optd for 400kv Parly ICT.
Parly-Parly Extn-I	IntraState	07/11/2015	10.20	07/11/2015	11.26	T	LTS Optd for 400kv Parly ICT.

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 07/Nov/2015

Statement-VII

Position as on 6.30 Hrs of 08/Nov/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Padghe - Vasai	IntraState	07/11/2015	10.41	07/11/2015	13.21	PO	Line Signature Ananlysis testing work.
Miraj - Ichalkaranji II	IntraState	07/11/2015	12.27		Continued.	HT	Aviling outage on 400kv Kolhapur Mapusa Line.
Kalwa - Borivali	IntraState	08/11/2015	06.10	08/11/2015	10.45	PO	For Shifting of two phases.
Kalwa Salsette III	IntraState	08/11/2015	06.40		Continued.	PO	Salshet for bay shifting work.
Trombay Salsette 1 Backbay	IntraState	08/11/2015	07.48		Continued.	PO	Modification of work
REL Borivali MSETCL Borivali Line-2	IntraState	08/11/2015	11.00	08/11/2015	15.25	PO	Bus Maintenance Work at Borivali Sub.st.
Borivali - Ghodbunder	IntraState	08/11/2015	11.05	08/11/2015	15.57	PO	Bus Maintenance Work at Borivali Sub.st.
Ranjangaon-Lonikand	IntraState	08/11/2015	18.19	08/11/2015	19.40	PO	Attending Hot Spot
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 200 Mva Emco Ict 2 @Raymond (Nasik 2)	IntraState	07/11/2015	10.19	07/11/2015	16.04	PO	Attending Hot Spot
220/132 Kv 200 MVA ICT-III @Girwali	IntraState	07/11/2015	10.20	07/11/2015	11.18	T	B-ph Jumper open between breaker to Bus-I.
220/132 kV 200MVA ICT II @ Girwali	IntraState	07/11/2015	10.20	07/11/2015	13.21	T	B-ph Jumper open between breaker to Bus-I.
132 KV LINE Outages/Trippings							
Latur (Midc) - Latur (K)	IntraState	07/11/2015	06.42	07/11/2015	06.55	T	Backup protection operated O/C & E/F.
Katol - Katolrlytss1	IntraState	07/11/2015	09.40	07/11/2015	13.40	T	Back uo OC MTR B-ph.
Mouda-Bhandara	IntraState	07/11/2015	11.30	07/11/2015	12.22	T	Distance Protection
100 KV LINE Outages/Trippings							
Padghe - Bhiwandi 2	IntraState	06/11/2015	06.49	07/11/2015	08.59	PO	Old DP/TP Replacment.
Kalwa - Vashi 1	IntraState	08/11/2015	02.08		Continued.	T	Distance Protection

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