

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Feb/2016 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	108.070	1261.252	1) Gujrat	-5.071	-34.599
2) Hydro	4.121	71.373	2) Madhya Pradesh	9.103	90.286
3) Gas	11.013	113.489	3) Chattisgarh	5.020	55.990
Total MSPGCL	123.204	1446.114	4) Maharashtra Net	64.975	884.877
B) 1) APML	60.709	737.138	5) Goa (Amona)	-0.496	-5.784
2) JSWEL	22.713	291.874	6) TAPS 1&2 Injection	3.703	37.742
3) VIPL	10.824	129.604	7) RGPPL Injection	11.773	141.142
4) RPL(AMT)	19.182	264.724	8) Pench (MS)	0.660	4.991
5) WPCL	4.669	54.273	9) Pench (Excess)	-0.660	-4.927
6) Other IPP	9.220	113.170	Total	88.347	1164.727
C) 1) TPCL Thermal	9.160	92.784	a) Mumbai Schedule	16.794	208.133
2) TPCL Hydro	3.006	48.319	b) Mumbai Drawl	22.658	274.971
3) TPCL Gas	4.311	44.171	c) MSEDCL Bilateral *	29.970	343.993
4) R-INFRA Thermal	10.289	126.594	Include PX	-1.977	-41.262
D) STATE			d) Mumbai Bilateral *	16.794	208.133
1) Thermal	254.836	3071.413	Include PX	0.367	10.148
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	7.127	119.692	H) ENERGY CATERED (MUs)		
3) Gas	15.324	157.660	1) MSEDCL	329.628	4028.280
4) Wind	12.046	86.503	2) Mumbai Discoms	49.424	586.836
6) SOLAR	1.372	15.124	TOTAL STATE	379.052	4615.116
TOTAL STATE	290.705	3450.392			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5027	4373	4528	4233
MSPGCL Hydro	260	356	170	99
MSPGCL Gas	465	450	447	465
MSPGCL Total Generation	5752	5179	5145	4797
Central Sector Receipt	4947	4590	3910	2654
WIND	86	279	915	483
CPP / IPP	5796	5380	5125	5111
SOLAR	136	199	0	0
Exchange with Mumbai	-920	-1136	-1276	-474
MSEDCL DEMAND MET	15797	14491	13819	12571
Load Shedding	8	8	5	5
MSEDCL DEMAND	15805	14499	13824	12576
TPCL GENERATION	985	982	698	497
R-INFRA GENERATION	519	404	404	403
MUMBAI DEMAND	2424	2522	2378	1374
STATE DEMAND MET	18221	17013	16197	13945
STATE DEMAND	18229	17021	16202	13950
Frequency (Hz)	49.96	49.95	49.98	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.31 Hz at 18.03 Hrs	49.84 Hz at 11.07 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 12/Feb/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.51	43.87	160	135
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	9.35	35.69	535	92
Total	12.87	79.56		
Bhusawal				
Unit 2	4.08	48.76	175	165
Unit 3	0.00	37.78	0	0
Unit 4	9.06	108.18	480	360
Unit 5	0.00	90.73	0	0
Total	13.14	285.45		
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	0.00	0.00	0	0
Unit 3	4.22	50.17	199	163
Unit 4	4.16	49.44	191	164
Unit 5	9.20	110.42	455	350
Unit 6	9.53	114.46	425	370
Unit 7	9.08	56.95	442	355
Total	36.20	381.45		
Paras				
Unit 3	5.01	54.29	259	186
Unit 4	5.00	60.33	253	190
Total	10.01	114.62		
Khaparkheda				
Unit 1	3.82	41.83	175	140
Unit 2	3.88	42.85	175	145
Unit 3	4.03	27.82	196	160
Unit 4	3.98	45.68	195	158
Unit 5	9.55	118.45	510	360
Total	25.24	276.64		
Nasik				
Unit 3	4.32	27.24	200	160
Unit 4	4.15	48.78	194	158
Unit 5	2.14	47.52	171	0
Total	10.61	123.53		
Uran				
All Units	11.01	113.49	477	430
Total	11.01	113.49		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.66	4.99	37	0
Total	0.66	4.99		
Koyna				
Stage 1-2	1.26	23.11	180	40
Stage 4	0.29	2.86	181	0
Stage 3	0.23	6.28	80	0
Total	1.78	32.25		
Hydro				
KDPH	0.43	5.07	19	18
VTRNA	0.00	0.28	0	0
TILLARI	0.11	0.95	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.25	3.17	40	0
RNGR+BHTSA	0.27	3.09	12	11
BHANDARDRA	0.00	4.89	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.74	7.98	31	30
GHATGHAR	0.55	13.68	125	0
Total	2.34	39.12		
Wind				
Total	12.05	86.50	0	0
Total	12.05	86.50		
CPP				
APML(Mus)	60.71	737.14	0	0
JSWEL(Mus)	22.71	291.87	0	0
VIPL(Mus)	10.82	129.60	0	0
RPLAMT(Mus)	19.18	264.72	0	0
WPCL(Mus)	4.67	54.27	0	0
Other(Mus)	9.22	113.17	0	0
Total	127.32	1590.78		
SOLAR				
Total	1.37	15.12	0	0
Total	1.37	15.12		
Tata				
Trombay 5	9.16	57.01	492	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.72	26.94	116	105
Trombay 7B	1.59	17.23	67	63
Trombay 8	0.00	35.77	0	0
TATA Hydro	3.01	48.32	384	38
Total	16.48	185.27		
R-INFRA				
1-2	10.29	126.59	519	402
Total	10.29	126.59		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	108.07	1261.25
MSPGCL Thml+Gas	119.08	1374.74

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	4.12	71.37
MSPGCL Total	123.20	1446.11

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.55	25.97
State Total	290.70	3450.39

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/Feb/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	4131	109	465	4705	547	5122	0	3516	3108	-717	12765	5	12770	1613	14383	49.97
2	4163	99	465	4727	535	5122	0	3358	2822	-583	12623	5	12628	1485	14113	49.98
3	4250	99	465	4814	527	5123	0	2756	2899	-511	12852	5	12857	1410	14267	49.95
4	4233	99	465	4797	483	5111	0	2679	2654	-474	12571	5	12576	1374	13950	49.95
5	4246	114	475	4835	393	5075	0	2903	3126	-492	12937	5	12942	1393	14335	49.97
6	4317	239	475	5031	322	5099	0	3525	3451	-609	13294	8	13302	1516	14818	49.94
7	4713	182	466	5361	234	5617	6	4051	3879	-644	14453	8	14461	1696	16157	49.96
8	4944	309	477	5730	159	6005	43	4583	4245	-695	15487	8	15495	1914	17409	49.97
9	5025	268	460	5753	95	5928	106	4925	4606	-819	15669	8	15677	2177	17854	49.97
10	5027	260	465	5752	86	5796	136	4936	4947	-920	15797	8	15805	2424	18229	49.96
11	4976	270	456	5702	105	5766	188	5007	4736	-1011	15486	8	15494	2587	18081	49.98
12	4571	271	447	5289	162	5518	177	5048	5084	-1117	15113	8	15121	2590	17711	49.94
13	4373	356	450	5179	279	5380	199	4882	4590	-1136	14491	8	14499	2522	17021	49.95
14	4330	185	448	4963	395	5358	176	4804	4383	-1094	14181	8	14189	2384	16573	49.99
15	4341	191	430	4962	485	5099	156	4793	4287	-1175	13814	5	13819	2392	16211	49.99
16	4381	125	447	4953	551	5108	109	4835	4181	-1214	13688	5	13693	2398	16091	49.99
17	4405	100	444	4949	637	5134	60	4588	4085	-1223	13642	5	13647	2388	16035	49.96
18	4502	105	451	5058	737	5066	15	3648	2946	-1310	12512	5	12517	2349	14866	50.01
19	4517	152	465	5134	834	5089	1	3719	3275	-1263	13070	5	13075	2316	15391	50.02
20	4528	170	447	5145	915	5125	0	3721	3910	-1276	13819	5	13824	2378	16202	49.98
21	4518	100	455	5073	1015	5160	0	3387	3364	-1208	13404	5	13409	2275	15684	49.99
22	4525	105	459	5089	932	5205	0	3009	3019	-1212	13033	5	13038	2098	15136	50.02
23	4531	111	474	5116	854	5192	0	2965	2403	-1043	12522	5	12527	1933	14460	49.99
24	4523	102	462	5087	764	5119	0	2247	2347	-912	12405	5	12410	1807	14217	49.99
MUs	108.07	4.12	11.01	123.20	12.05	127.32	1.37	93.88	88.35	-22.66	329.63	0.15	329.78	49.42	379.19	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 12/Feb/2016

Position as on 6.30 Hrs of 13/Feb/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	Koyana Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
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 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	
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	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	
MSPGCL	Chandrapur Unit 2	210	12/01/2016	04.47		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	19/01/2016	14.34		Continued.	Overhauling	
MSPGCL	Koradi Unit 7	210	30/01/2016	00.12		Continued.	MSEDCL Zero Shedule.	
TPC_G	Trombay 8	250	07/02/2016	17.40		Continued.	Boiler Maintenance Work,Bearing Inspection.	
MSPGCL	Ghatghar Unit-2	125	09/02/2016	18.00		Continued.	oil filtration work.	
IPP	RPL(AMT) U-3	270	10/02/2016	00.02	12/02/2016	23:46	Bottom Ash problem	
MSPGCL	Bhusawal Unit 3	210	10/02/2016	10.31	13/02/2016	01:03	Boiler Tube Leakage	
CPP	WPCL U-4	135	10/02/2016	21.46		Continued.	ESP Maintenance Work.	
MSPGCL	Bhusawal Unit 5	500	10/02/2016	23.55		Continued.	MSEDCL Zero Shedule.	
MSPGCL	Nasik Unit 5	210	12/02/2016	06:35	12/02/2016	16:50	HP Turbine Problem.	
IPP	VIPL U-2	300	13/02/2016	04:59		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 12/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 13/Feb/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							
Dhule Sar'Sarovar I	InterState	11/02/2016	17.22	12/02/2016	07:55	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	11/02/2016	17.34	12/02/2016	06.41	HT	Over Voltage
Kolhapur(M)-Kolhapur(GIS) ckt1	InterState	12/02/2016	07:09	12/02/2016	07:51	T	Distance Protection
Padgha Tarapur II	InterState	12/02/2016	10:56	12/02/2016	19:10	EO	Emergency outage
Talegaon PG-Aurangabad-I	InterState	12/02/2016	12:41		Continued.	EO	Replacement of HCB Isolator Clamp Connector.
Dhule Sar'Sarovar I	InterState	12/02/2016	16:46	13/02/2016	06:04	T	Over Voltage
Kolhapur Solapur (PG) II	InterState	12/02/2016	16:50	13/02/2016	06:16	T	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	31/12/2015	18.16		Continued.	HT	Change over
Chandrapur II - Chandrapur ckt 2	IntraState	09/02/2016	15.30		Continued.	PO	CKT on TBC.Main Breaker o/h work.
Bhusawal-Aurangabad	IntraState	11/02/2016	14.05		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	11/02/2016	16.05	12/02/2016	09:30	HT	Over Voltage
Karad - Jaigad - II	IntraState	11/02/2016	16.44	12/02/2016	09:22	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	11/02/2016	18.40		Continued.	HT	CHANGE OVER
Lonikand I - Koyna stage-IV	IntraState	11/02/2016	21.55	12/02/2016	16:03	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	12/02/2016	05:54	12/02/2016	15:52	T	Distance Protection
N.Koyna-Karad -Ckt II	IntraState	12/02/2016	06.08		Continued.	T	Distance Protection
N.Koyna-Karad -Ckt I	IntraState	12/02/2016	06:50		Continued.	T	Distance Protection
karad -kolhapur-II	IntraState	12/02/2016	07:08		Continued.	T	Distance Protection
Padghe - Kalwa- I	IntraState	12/02/2016	08:10	12/02/2016	18:52	PO	A/R Out for OPGW Work.
Khadka- Deepnagar Ckt 1	IntraState	12/02/2016	10:01	12/02/2016	13:38	PO	Main Bay Tline charge through Tie Bay beaker CRM and Relay Testing Work.
Lonikand2-Lonikand1 (Intrconector)	IntraState	12/02/2016	12:38	12/02/2016	13:30	PO	Testing Work
Aurangabad - Aurangabad(PG) I	IntraState	12/02/2016	12:58		Continued.	PO	Isolator Maintance Work.
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 MVA ICT-I @Lonikand 2	IntraState	12/02/2016	10:07	12/02/2016	12:33	PO	Main Breker Testing Work ICT in service Via Tie Bay.
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	12/02/2016	14:11	12/02/2016	17:57	PO	ICT 2 Shifted on TBC. Main Breaker Work.
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.
Kalwa - Borivali	IntraState	10/01/2016	09:15		Continued.	PO	Tower Erection Work.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Padghe - Vasai	IntraState	24/01/2016	08.32		Continued.	PO	For Formation of Temp. Padgha-Borivali (Charge upto 51/1).
Bableshtar- Alephata	IntraState	03/02/2016	06.28		Continued.	HT	controlling bblsr ICT Overloading
Bableshtar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	controlling bblsr ICT Overloading
Trombay-Chembur Line 2	IntraState	12/02/2016	01:12	12/02/2016	12:52	PO	E/O for Attending main breaker problem.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	12/02/2016	06:37	12/02/2016	10:13	T	Distance Protection
Kolhapur - 5 Star Ckt I	IntraState	12/02/2016	07:03	12/02/2016	15:18	T	Distance Protection
Karad(400kv) -Nigade	IntraState	12/02/2016	07:45	12/02/2016	08:16	T	Distance Protection
Padghe - Kamba	IntraState	12/02/2016	08:25	12/02/2016	20:48	PO	for Construction Work.

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 12/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 13/Feb/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Padghe - Jambhul 2	IntraState	12/02/2016	09:50	12/02/2016	21:20	PO	for Removing T Jumper between line isolator and Aux. Bus isolator.charged from Padghe
Hamidwada-Mumewadi	IntraState	12/02/2016	10:13	12/02/2016	13:15	PO	For Line Analysis by Signature.
Telco- Chinchwad	IntraState	12/02/2016	10:20		Continued.	PO	CB Overhauling Work.
Khaparkheda-Kaulewada-I	IntraState	12/02/2016	10:42	12/02/2016	13:58	PO	Tan Delta Measurment of CTs
Khaparkheda-Kaulewada-II	IntraState	12/02/2016	14:05	12/02/2016	17:22	PO	Tan Delta Measurment of CTs
Karad(400kv) -Nigade	IntraState	12/02/2016	15:07	12/02/2016	19:00	PO	Back up Realy Replacement Work.
Mumewadi-Belewadi	IntraState	12/02/2016	15:50	12/02/2016	14:29	PO	Line Signature Analysis.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)
220/100 Kv 200 Mva ICT III @Kalwa	IntraState	12/02/2016	09:40	12/02/2016	17:23	PO	Isolator Alignmnet Work and Hot Spot Attending Work.
220/100 Kv 200 MVA ICT I @Kolshet	IntraState	12/02/2016	11:05	12/02/2016	18:04	PO	Annual Maintenance Work
132 KV LINE Outages/Trippings							
Lupin -Boiser	IntraState	12/02/2016	10:16	12/02/2016	14:43	PO	Tan Delta Testing Work.
Kanhan-Mansar	IntraState	12/02/2016	12:26	12/02/2016	15:00	EO	Emergency outage

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