

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Feb/2016 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	101.082	1153.182	1) Gujrat	-2.433	-29.528
2) Hydro	4.681	67.252	2) Madhya Pradesh	9.178	81.183
3) Gas	10.964	102.476	3) Chattisgarh	5.340	50.970
Total MSPGCL	116.727	1322.910	4) Maharashtra Net	72.588	819.902
B) 1) APML	60.875	676.429	5) Goa (Amona)	-0.470	-5.288
2) JSWEL	25.125	269.161	6) TAPS 1&2 Injection	3.756	34.039
3) VIPL	11.061	118.780	7) RGPPL Injection	11.950	129.369
4) RPL(AMT)	15.203	245.542	8) Pench (MS)	0.611	4.331
5) WPCL	4.908	49.604	9) Pench (Excess)	-0.611	-4.267
6) Other IPP	8.907	103.950	Total	99.298	1076.380
C) 1) TPCL Thermal	9.293	83.624	a) Mumbai Schedule	17.241	191.338
2) TPCL Hydro	4.468	45.313	b) Mumbai Drawl	22.541	252.313
3) TPCL Gas	3.831	39.860	c) MSEDCL Bilateral *	28.564	314.023
4) R-INFRA Thermal	10.269	116.305	Include PX	-3.676	-39.284
D) STATE			d) Mumbai Bilateral *	17.241	191.338
1) Thermal	246.723	2816.577	Include PX	0.273	9.781
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	9.149	112.565	H) ENERGY CATERED (MUs)		
3) Gas	14.795	142.336	1) MSEDCL	334.952	3698.652
4) Wind	14.127	74.457	2) Mumbai Discoms	50.402	537.412
6) SOLAR	1.262	13.752	TOTAL STATE	385.354	4236.064
TOTAL STATE	286.056	3159.687			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4802	4219	3976	4038
MSPGCL Hydro	441	161	190	116
MSPGCL Gas	451	447	458	461
MSPGCL Total Generation	5694	4827	4624	4615
Central Sector Receipt	4977	4919	4812	3063
WIND	195	449	920	486
CPP / IPP	6235	5849	5202	5114
SOLAR	146	192	0	0
Exchange with Mumbai	-1052	-1140	-1334	-532
MSEDCL DEMAND MET	16195	15096	14224	12746
Load Shedding	8	8	5	5
MSEDCL DEMAND	16203	15104	14229	12751
TPCL GENERATION	1082	1052	736	479
R-INFRA GENERATION	515	416	403	403
MUMBAI DEMAND	2649	2608	2473	1414
STATE DEMAND MET	18844	17704	16697	14160
STATE DEMAND	18852	17712	16702	14165
Frequency (Hz)	50.02	49.99	50.00	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 18:01 Hrs	49.84 Hz at 22:23 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 11/Feb/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.57	40.35	155	145
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.05	26.34	45	0
Total	3.62	66.69		
Bhusawal				
Unit 2	4.14	44.68	185	165
Unit 3	0.00	37.78	0	0
Unit 4	9.49	99.13	500	355
Unit 5	0.00	90.73	0	0
Total	13.63	272.31		
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	4.17	45.95	200	163
Unit 4	4.15	45.28	190	163
Unit 5	9.28	101.22	460	360
Unit 6	9.48	104.93	425	320
Unit 7	9.10	47.88	429	356
Total	36.18	345.25		
Paras				
Unit 3	4.92	49.28	248	187
Unit 4	4.98	55.34	257	185
Total	9.90	104.62		
Khaparkheda				
Unit 1	3.80	38.02	165	150
Unit 2	3.95	38.98	185	160
Unit 3	4.00	23.80	185	157
Unit 4	4.01	41.71	194	158
Unit 5	9.80	108.90	500	360
Total	25.56	251.40		
Nasik				
Unit 3	4.06	22.92	195	160
Unit 4	4.03	44.63	195	150
Unit 5	4.10	45.37	196	160
Total	12.19	112.92		
Uran				
All Units	10.96	102.48	472	440
Total	10.96	102.48		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.61	4.33	49	0
Total	0.61	4.33		
Koyna				
Stage 1-2	1.26	21.85	145	40
Stage 4	0.25	2.57	208	0
Stage 3	0.30	6.05	160	0
Total	1.81	30.47		
Hydro				
KDPH	0.43	4.64	19	18
VTRNA	0.00	0.28	0	0
TILLARI	0.18	0.84	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	2.92	40	0
RNGR+BHTSA	0.27	2.83	12	11
BHANDARDRA	0.48	4.89	20	19
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.64	7.25	27	26
GHATGHAR	0.57	13.13	125	0
Total	2.87	36.78		
Wind				
Total	14.13	74.46	0	0
Total	14.13	74.46		
CPP				
APML(Mus)	60.88	676.43	0	0
JSWEL(Mus)	25.12	269.16	0	0
VIPL(Mus)	11.06	118.78	0	0
RPLAMT(Mus)	15.20	245.54	0	0
WPCL(Mus)	4.91	49.60	0	0
Other(Mus)	8.91	103.95	0	0
Total	126.08	1463.47		
SOLAR				
Total	1.26	13.75	0	0
Total	1.26	13.75		
Tata				
Trombay 5	9.29	47.85	494	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.36	24.22	111	90
Trombay 7B	1.48	15.64	65	58
Trombay 8	0.00	35.77	0	0
TATA Hydro	4.47	45.31	417	0
Total	17.59	168.80		
R-INFRA				
1-2	10.27	116.30	518	401
Total	10.27	116.30		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	101.08	1153.18
MSPGCL Thml+Gas	112.05	1255.66

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	4.68	67.25
MSPGCL Total	116.73	1322.91

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.51	24.42
State Total	286.06	3159.69

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 11/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	4036	117	460	4613	497	5114	0	3878	3578	-798	13004	5	13009	1682	14691	50.04
2	4030	123	461	4614	439	5115	0	3682	3397	-643	12922	5	12927	1524	14451	50.02
3	4051	116	461	4628	494	5116	0	3020	3127	-571	12794	5	12799	1454	14253	49.99
4	4038	116	461	4615	486	5114	0	2983	3063	-532	12746	5	12751	1414	14165	49.98
5	4032	131	472	4635	503	5117	0	3234	3196	-547	12904	5	12909	1428	14337	49.99
6	4022	116	461	4599	547	5137	0	4033	4029	-623	13689	8	13697	1505	15202	49.97
7	4451	194	464	5109	450	5584	0	4608	4504	-805	14842	8	14850	1763	16613	49.97
8	4760	515	461	5736	324	6105	9	4717	4563	-752	15985	8	15993	1944	17937	49.98
9	4808	284	467	5559	228	6235	70	4888	4987	-738	16341	8	16349	2177	18526	49.99
10	4816	298	456	5570	148	6272	106	4894	5063	-963	16196	8	16204	2492	18696	49.98
11	4802	441	451	5694	195	6235	146	4950	4977	-1052	16195	8	16203	2649	18852	50.02
12	4692	397	451	5540	345	6229	186	4974	4735	-1111	15924	8	15932	2649	18581	50.01
13	4219	161	447	4827	449	5849	192	4877	4919	-1140	15096	8	15104	2608	17712	49.99
14	4181	161	441	4783	705	5732	170	4841	4353	-1045	14698	8	14706	2443	17149	50.03
15	4033	156	447	4636	788	5422	152	4656	4416	-1099	14315	5	14320	2449	16769	49.99
16	4039	166	467	4672	929	5227	109	4752	4594	-1086	14445	5	14450	2441	16891	49.98
17	4032	156	456	4644	994	5188	95	4817	4525	-1069	14377	5	14382	2379	16761	49.98
18	4012	143	450	4605	998	5188	27	3588	3664	-1155	13327	5	13332	2327	15659	49.97
19	4011	175	440	4626	950	5193	0	4038	4094	-1207	13656	5	13661	2377	16038	50.01
20	3976	190	458	4624	920	5202	0	4897	4812	-1334	14224	5	14229	2473	16702	50.00
21	3937	150	456	4543	781	5228	0	4285	4549	-1152	13949	5	13954	2329	16283	49.98
22	4009	120	457	4586	651	5205	0	3674	3855	-1125	13172	5	13177	2124	15301	49.99
23	4043	125	461	4629	691	5188	0	3211	3133	-1077	12564	5	12569	1970	14539	49.96
24	4052	130	458	4640	615	5135	0	3249	3165	-917	12638	5	12643	1801	14444	49.98
MUs	101.08	4.68	10.96	116.73	14.13	131.13	1.26	100.75	99.30	-22.54	340.00	0.15	340.15	50.40	390.55	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 11/Feb/2016

Position as on 6.30 Hrs of 12/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	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
MSPGCL	Koyna Unit 1	75	08/02/2016	10.16	11/02/2016	11.35	Maintenance 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 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.	
MSPGCL	Koradi Unit-8	660	03/02/2016	04.28	11/02/2016	22.49	Superheater Temp.High	
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		Continued.	Bottom Ash problem	
MSPGCL	Bhusawal Unit 3	210	10/02/2016	10.31		Continued.	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		Continued.	HP Turbine Problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 12/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	10/02/2016	16.11	11/02/2016	07.38	HT	Over Voltage
Padgha Tarapur I	InterState	11/02/2016	08.49	11/02/2016	22.36	PO	Annual Maintenance Work
Dhule Sar'Sarovar I	InterState	11/02/2016	17.22		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	11/02/2016	17.34	12/02/2016	06.41	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	31/12/2015	18.16		Continued.	HT	Change over
Babhaleshwar-Taptitanda ckt-I	IntraState	23/01/2016	07.21	11/02/2016	18.39	PO	Change Over.
Chandrapur II - Chandrapur ckt 2	IntraState	09/02/2016	15.30		Continued.	PO	CKT on TBC.Main Breaker o/h work.
Lonikand I - Koyna stage-IV	IntraState	09/02/2016	21.37	11/02/2016	10.56	HT	Over Voltage
Chandrapur2-Parali 2 ckt 2	IntraState	10/02/2016	08.24	11/02/2016	07.27	PO	LILO ARREANGMENT AT Nanded Substation
Karad-Jaigad - I	IntraState	10/02/2016	10.36	11/02/2016	08.56	HT	Quarterly Maintainance Work RFC 15.30 hrs(10/2/2016)
karad -kolhapur-II	IntraState	10/02/2016	16.33	11/02/2016	08.31	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	10/02/2016	17.08	11/02/2016	07.11	HT	Over Voltage
Chandrapur-II - Nanded	IntraState	11/02/2016	03.04	11/02/2016	07.27	T	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	11/02/2016	09.17	11/02/2016	18.39	OO	TANDELTA TESTING WORK
Main Bus-II @ Akola	IntraState	11/02/2016	10.20	11/02/2016	14.32	PO	DIAGNOSTIC TESTING OF BUS CVT AND MAINTANANCE OF BUS ISOLATOR
Lonikand 1 - Chakan	IntraState	11/02/2016	10.59	11/02/2016	18.17	PO	Line Maintenance work
Bhusawal-Aurangabad	IntraState	11/02/2016	14.05		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	11/02/2016	16.05		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	11/02/2016	16.44		Continued.	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		Continued.	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	12/02/2016	05.54		Continued.	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
220 KV LINE Outages/Trippings							
Borivali - Tarapur	InterState	10/02/2016	23.27	11/02/2016	04.50	PO	CONECTING BUS JUMPERS OF BOISER 2 FEEDER
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).
Babhaleshwar- Alephata	IntraState	03/02/2016	06.28		Continued.	HT	controlling bblsr ICT Overloading
Babhaleshwar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	controlling bblsr ICT Overloading
Tata Borivli MSETCL Borivli 4	IntraState	10/02/2016	22.39	11/02/2016	04.55	PO	CONECTING BUS JUMPERS OF BOISER 2 FEEDER
Talandge-Hamidwada	IntraState	11/02/2016	08.44	11/02/2016	11.39	PO	LINE SIGNATURE ANALYSIS TEST
Karad - Kadegaon	IntraState	11/02/2016	11.00	11/02/2016	16.52	PO	RETROFITTING OF NUMERICAL BACKUP REALY
Trombay-Chembur Line 2	IntraState	12/02/2016	01.12		Continued.	EO	Main Breker Problem

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 11/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 12/Feb/2016

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	Failed on internal Fault(Now repaired and ready for commissioning)