

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Feb/2016 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	112.074	826.851	1) Gujrat	-2.066	-20.796
2) Hydro	7.495	51.358	2) Madhya Pradesh	6.559	59.952
3) Gas	7.517	71.027	3) Chattisgarh	4.020	36.690
Total MSPGCL	127.086	949.236	4) Maharashtra Net	70.920	594.083
B) 1) APML	61.128	492.804	5) Goa (Amona)	-0.452	-3.830
2) JSWEL	25.329	193.310	6) TAPS 1&2 Injection	1.551	23.667
3) VIPL	10.545	86.235	7) RGPPL Injection	11.771	93.927
4) RPL(AMT)	19.439	186.855	8) Pench (MS)	0.300	3.522
5) WPCL	4.646	35.392	9) Pench (Excess)	-0.300	-3.458
6) Other IPP	9.737	76.727	Total	92.003	780.235
C) 1) TPCL Thermal	8.818	55.421	a) Mumbai Schedule	16.322	141.442
2) TPCL Hydro	4.573	31.362	b) Mumbai Drawl	20.130	186.548
3) TPCL Gas	4.158	27.791	c) MSEDCL Bilateral *	28.850	226.197
4) R-INFRA Thermal	10.298	85.441	Include PX	-4.478	-28.486
D) STATE			d) Mumbai Bilateral *	16.322	141.442
1) Thermal	262.014	2039.036	Include PX	0.154	9.476
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	12.068	82.720	H) ENERGY CATERED (MUs)		
3) Gas	11.675	98.818	1) MSEDCL	336.022	2672.671
4) Wind	4.959	48.242	2) Mumbai Discoms	47.977	386.560
6) SOLAR	1.280	10.183	TOTAL STATE	383.999	3059.231
TOTAL STATE	291.996	2278.999			

* 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	5205	4974	4565	4395
MSPGCL Hydro	351	268	578	144
MSPGCL Gas	304	294	323	311
MSPGCL Total Generation	5860	5536	5466	4850
Central Sector Receipt	4450	4145	4801	2214
WIND	423	155	101	317
CPP / IPP	5953	5819	5243	5116
SOLAR	162	202	0	0
Exchange with Mumbai	-910	-881	-1093	-382
MSEDCL DEMAND MET	15938	14976	14518	12115
Load Shedding	8	8	5	5
MSEDCL DEMAND	15946	14984	14523	12120
TPCL GENERATION	1070	1071	899	467
R-INFRA GENERATION	518	517	403	403
MUMBAI DEMAND	2498	2469	2395	1252
STATE DEMAND MET	18436	17445	16913	13367
STATE DEMAND	18444	17453	16918	13372
Frequency (Hz)	49.96	49.94	49.99	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 22:01 Hrs	49.75 Hz at 06:38 Hrs	49.97	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 08/Feb/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.83	29.47	170	150
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	26.29	0	0
Total	3.83	55.76		
Bhusawal				
Unit 2	4.07	32.39	185	160
Unit 3	4.08	32.08	185	165
Unit 4	8.98	72.08	475	360
Unit 5	9.02	73.12	490	360
Total	26.16	209.66		
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	4.10	33.37	197	152
Unit 4	3.96	32.71	174	157
Unit 5	9.08	73.26	455	360
Unit 6	9.64	76.20	420	387
Unit 7	9.05	20.18	425	359
Total	35.84	235.73		
Paras				
Unit 3	4.99	34.58	250	184
Unit 4	5.02	40.36	258	190
Total	10.01	74.94		
Khaparkheda				
Unit 1	3.80	26.69	175	150
Unit 2	3.89	27.30	175	150
Unit 3	2.43	11.98	168	0
Unit 4	3.87	29.98	180	157
Unit 5	10.09	79.22	510	365
Total	24.07	175.17		
Nasik				
Unit 3	4.10	10.39	205	160
Unit 4	4.02	32.30	192	155
Unit 5	4.04	32.90	202	136
Total	12.17	75.59		
Uran				
All Units	7.52	71.03	405	282
Total	7.52	71.03		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.30	3.52	49	0
Total	0.30	3.52		
Koyna				
Stage 1-2	2.48	16.86	360	35
Stage 4	0.19	1.90	148	0
Stage 3	0.88	5.13	160	0
Total	3.55	23.88		
Hydro				
KDPH	0.86	3.14	36	36
VTRNA	0.00	0.28	0	0
TILLARI	0.00	0.49	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	2.19	40	0
RNGR+BHTSA	0.25	2.04	11	10
BHANDARDRA	0.50	3.46	21	20
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.75	5.10	32	31
GHATGHAR	1.38	10.79	157	0
Total	3.94	27.48		
Wind				
Total	4.96	48.24	0	0
Total	4.96	48.24		
CPP				
APML(Mus)	61.13	492.80	0	0
JSWEL(Mus)	25.33	193.31	0	0
VIPL(Mus)	10.54	86.24	0	0
RPLAMT(Mus)	19.44	186.86	0	0
WPCL(Mus)	4.65	35.39	0	0
Other(Mus)	9.74	76.73	0	0
Total	130.82	1071.32		
SOLAR				
Total	1.28	10.18	0	0
Total	1.28	10.18		
Tata				
Trombay 5	8.82	19.65	493	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.60	16.73	118	86
Trombay 7B	1.56	11.06	68	56
Trombay 8	0.00	35.77	0	0
TATA Hydro	4.57	31.36	459	0
Total	17.55	114.57		
R-INFRA				
1-2	10.30	85.44	519	388
Total	10.30	85.44		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	112.07	826.85
MSPGCL Thml+Gas	119.59	897.88

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.50	51.36
MSPGCL Total	127.09	949.24

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.67	18.75
State Total	292.00	2279.00

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/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	4407	139	311	4857	208	5169	0	2793	2643	-603	12274	5	12279	1464	13743	50.01
2	4418	139	310	4867	250	5122	0	2662	2353	-478	12114	5	12119	1348	13467	49.99
3	4418	149	310	4877	318	5124	0	2461	2369	-412	12276	5	12281	1285	13566	49.98
4	4395	144	311	4850	317	5116	0	2501	2214	-382	12115	5	12120	1252	13372	49.98
5	4413	154	311	4878	294	5112	0	2375	2491	-395	12380	5	12385	1270	13655	49.93
6	4397	169	312	4878	318	5125	0	3158	3412	-522	13211	8	13219	1411	14630	49.96
7	4391	324	311	5026	362	5219	0	4217	4288	-659	14236	8	14244	1645	15889	49.90
8	4700	543	311	5554	433	5596	9	4743	4870	-806	15656	8	15664	1781	17445	49.98
9	5188	337	320	5845	379	6182	58	4750	4460	-849	16075	8	16083	2044	18127	49.99
10	5398	289	305	5992	386	6270	112	4744	4235	-1014	15981	8	15989	2315	18304	49.96
11	5205	351	304	5860	423	5953	162	4621	4450	-910	15938	8	15946	2498	18444	49.96
12	5062	304	295	5661	381	5845	164	4648	4771	-908	15914	8	15922	2499	18421	49.95
13	4974	268	294	5536	155	5819	202	4542	4145	-881	14976	8	14984	2469	17453	49.94
14	4769	258	282	5309	59	5757	175	4587	4391	-925	14766	8	14774	2420	17194	49.98
15	4709	273	291	5273	33	5659	161	4586	4474	-924	14676	5	14681	2386	17067	49.93
16	4667	464	290	5421	28	5622	131	4581	4778	-985	14995	5	15000	2379	17379	49.97
17	4596	343	282	5221	55	5466	77	4572	4661	-1015	14465	5	14470	2378	16848	49.98
18	4568	152	294	5014	76	5353	29	3982	4046	-1094	13424	5	13429	2364	15793	50.00
19	4541	320	309	5170	85	5242	0	3941	4314	-1040	13771	5	13776	2340	16116	49.99
20	4565	578	323	5466	101	5243	0	4439	4801	-1093	14518	5	14523	2395	16918	49.99
21	4573	466	358	5397	86	5237	0	4108	4244	-1168	13796	5	13801	2263	16064	50.00
22	4574	369	368	5311	79	5227	0	3632	3811	-1185	13243	5	13248	2084	15332	50.01
23	4590	499	310	5399	66	5198	0	2868	2934	-1040	12557	5	12562	1944	14506	49.98
24	4556	463	405	5424	67	5170	0	2725	2848	-842	12667	5	12672	1743	14415	50.00
MUs	112.07	7.50	7.52	127.09	4.96	130.82	1.28	92.24	92.00	-20.13	336.02	0.15	336.17	47.98	384.15	49.97

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 08/Feb/2016

Position as on 6.30 Hrs of 09/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		Continued.	Maintenance work	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
RGPL	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	
CPP	WPCL U-1	135	07/01/2016	02.00		Continued.	Withdrawn, changeover to Unit-3	
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		Continued.	Superheater Temp.High	
MSPGCL	Uran Unit A0	120	06/02/2016	22.27	08/02/2016	23.34	GT Tripped on Diff.Protection	
MSPGCL	Uran Unit 6	108	06/02/2016	23.50	08/02/2016	18.27	Withdrawn due to tripping of AO Unit.	
MSPGCL	Khaparkheda Unit 3	210	07/02/2016	09.07	08/02/2016	08.10	Boiler Tube Leakage	
TPC_G	Trombay 8	250	07/02/2016	17.40		Continued.	Boiler Maintenance Work,Bearing Inspection.	
IPP	RPL(AMT) U-1	270	08/02/2016	00.13	09/02/2016	01.06	Cooling Tower Tube Leakage.	
MSPGCL	Koyna Unit 8	80	08/02/2016	08.45	08/02/2016	10.15	Maintenance work	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 08/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 09/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							
Akola Aurangabad(PG) I	InterState	07/02/2016	13.12	08/02/2016	07.35	PO	Replacement of B Ph Contact ARM Assembly of Isolator @ Akola.
Dhule Sar'Sarovar I	InterState	07/02/2016	13.29	08/02/2016	06.55	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	07/02/2016	17.10	08/02/2016	07.43	HT	Over Voltage
Padgha - Boisar (PG)	InterState	08/02/2016	02.07	08/02/2016	10.12	T	Over Voltage
Dhule Sar'Sarovar I	InterState	08/02/2016	17.16		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	08/02/2016	18.02		Continued.	HT	Over Voltage
Padgha - Boisar (PG)	InterState	09/02/2016	02.23		Continued.	T	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		Continued.	PO	Change Over.
Karad-Jaigad - I	IntraState	06/02/2016	16.23		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	07/02/2016	15.55	08/02/2016	09.40	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	07/02/2016	16.44	08/02/2016	10.07	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	07/02/2016	17.10	08/02/2016	09.03	HT	Over Voltage
Chandrapur - Khaperkheda	IntraState	08/02/2016	13.10	08/02/2016	15.22	PO	Isolator Problem.
karad -kolhapur-II	IntraState	08/02/2016	16.08		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	08/02/2016	17.24		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	08/02/2016	21.41		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 315MVA ICT-III @ Kharghar	IntraState	08/02/2016	11.11	08/02/2016	18.05	T	Winding Temp.High.
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	08/02/2016	08.46	08/02/2016	19.36	PO	Insulator Replacement Work.
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
Ongc Panvel - Tss Panvel	IntraState	08/02/2016	00.07	08/02/2016	08.47	T	Distance Protection
Kharghar - Tss Panvel	IntraState	08/02/2016	00.07	08/02/2016	14.57	T	Distance Protection
Kandalgaon - ONGC Panvel	IntraState	08/02/2016	00.12	08/02/2016	00.30	T	Distance Protection
Pophali - Kdph	IntraState	08/02/2016	06.48	08/02/2016	07.30	T	Distance Protection
Taloja II - OCIL-I	IntraState	08/02/2016	09.30	08/02/2016	19.24	PO	Testing Work
Tilawani-Talandge-I	IntraState	08/02/2016	10.51	08/02/2016	14.57	PO	Hot Spot Attending & AMC Work.
Karad -Mudshingi Ckt- IV	IntraState	08/02/2016	12.47	08/02/2016	22.17	PO	Retorfeeting Backup Relay.
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

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 08/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 09/Feb/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							commissioning)