

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Feb/2016 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	116.816	1606.458	1) Gujrat	-1.850	-45.297
2) Hydro	5.539	86.534	2) Madhya Pradesh	10.045	121.282
3) Gas	8.031	142.588	3) Chattisgarh	5.500	72.510
Total MSPGCL	130.386	1835.580	4) Maharashtra Net	78.902	1097.272
B) 1) APML	50.817	895.903	5) Goa (Amona)	-0.514	-7.190
2) JSWEL	25.974	367.240	6) TAPS 1&2 Injection	3.720	48.880
3) VIPL	5.509	146.520	7) RGPPL Injection	11.662	176.149
4) RPL(AMT)	24.605	335.352	8) Pench (MS)	0.569	6.773
5) WPCL	4.383	67.873	9) Pench (Excess)	-0.569	-6.709
6) Other IPP	9.102	136.181	Total	106.896	1456.897
C) 1) TPCL Thermal	9.911	118.782	a) Mumbai Schedule	14.833	245.660
2) TPCL Hydro	4.046	55.895	b) Mumbai Drawl	19.920	333.232
3) TPCL Gas	3.715	56.124	c) MSEDCL Bilateral *	28.821	428.300
4) R-INFRA Thermal	10.171	156.315	Include PX	-3.742	-55.368
D) STATE			d) Mumbai Bilateral *	14.833	245.660
1) Thermal	257.288	3830.624	Include PX	3.241	13.941
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	9.585	142.429	H) ENERGY CATERED (MUs)		
3) Gas	11.746	198.712	1) MSEDCL	341.875	5029.107
4) Wind	3.010	101.954	2) Mumbai Discoms	47.763	720.344
6) SOLAR	1.113	18.839	TOTAL STATE	389.638	5749.451
TOTAL STATE	282.742	4292.558			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5398	4889	4663	4593
MSPGCL Hydro	437	496	115	121
MSPGCL Gas	292	278	359	324
MSPGCL Total Generation	6127	5663	5137	5038
Central Sector Receipt	5156	5425	5343	3089
WIND	28	100	192	103
CPP / IPP	5864	4865	5014	4633
SOLAR	103	107	0	0
Exchange with Mumbai	-807	-963	-1014	-426
MSEDCL DEMAND MET	16471	15197	14672	12437
Load Shedding	7	5	5	4
MSEDCL DEMAND	16478	15202	14677	12441
TPCL GENERATION	963	979	938	435
R-INFRA GENERATION	516	402	403	403
MUMBAI DEMAND	2286	2344	2355	1264
STATE DEMAND MET	18757	17541	17027	13701
STATE DEMAND	18764	17546	17032	13705
Frequency (Hz)	49.96	49.94	49.98	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.32 Hz at 06:03 Hrs	49.74 Hz at 18.11 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 15/Feb/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.34	54.45	145	130
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	11.13	68.14	660	399
Total	14.48	122.59		
Bhusawal				
Unit 2	4.07	60.98	185	160
Unit 3	4.12	49.63	180	170
Unit 4	0.00	121.46	0	0
Unit 5	9.64	105.29	500	360
Total	17.83	337.36		
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	4.20	62.71	199	155
Unit 4	4.18	61.97	187	167
Unit 5	9.23	137.84	465	360
Unit 6	9.34	143.02	410	370
Unit 7	9.10	84.11	450	352
Total	36.05	489.65		
Paras				
Unit 3	5.08	69.72	250	190
Unit 4	5.18	75.88	256	190
Total	10.26	145.60		
Khaparkheda				
Unit 1	3.55	53.04	165	125
Unit 2	3.94	54.50	185	155
Unit 3	4.04	39.71	202	161
Unit 4	3.98	57.40	192	160
Unit 5	9.48	146.53	500	360
Total	24.99	351.17		
Nasik				
Unit 3	4.56	39.68	205	160
Unit 4	4.28	60.79	190	156
Unit 5	4.36	59.63	196	161
Total	13.22	160.10		
Uran				
All Units	8.03	142.59	455	278
Total	8.03	142.59		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.57	6.77	49	0
Total	0.57	6.77		
Koyna				
Stage 1-2	2.20	28.99	290	40
Stage 4	1.06	3.99	281	0
Stage 3	0.31	7.98	136	0
Total	3.57	40.95		
Hydro				
KDPH	0.00	5.27	0	0
VTRNA	0.00	0.28	0	0
TILLARI	0.19	1.52	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.09	3.56	40	0
RNGR+BHTSA	0.26	3.62	12	11
BHANDARDRA	0.00	4.89	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	1.43	11.26	60	59
GHATGHAR	0.00	15.18	0	0
Total	1.97	45.58		
Wind				
Total	3.01	101.95	0	0
Total	3.01	101.95		
CPP				
APML(Mus)	50.82	895.90	0	0
JSWEL(Mus)	25.97	367.24	0	0
VIPL(Mus)	5.51	146.52	0	0
RPLAMT(Mus)	24.60	335.35	0	0
WPCL(Mus)	4.38	67.87	0	0
Other(Mus)	9.10	136.18	0	0
Total	120.39	1949.07		
SOLAR				
Total	1.11	18.84	0	0
Total	1.11	18.84		
Tata				
Trombay 5	9.91	83.01	495	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.26	34.34	114	67
Trombay 7B	1.45	21.78	67	51
Trombay 8	0.00	35.77	0	0
TATA Hydro	4.05	55.90	373	19
Total	17.67	230.80		
R-INFRA				
1-2	10.17	156.32	517	401
Total	10.17	156.32		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	116.82	1606.46
MSPGCL Thml+Gas	124.85	1749.05

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.54	86.53
MSPGCL Total	130.39	1835.58

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	3.26	32.98
State Total	282.74	4292.56

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/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	4609	122	313	5044	247	4620	0	3343	3438	-634	12715	5	12720	1472	14192	50.00
2	4597	116	324	5037	228	4626	0	2921	3313	-512	12692	4	12696	1349	14045	50.00
3	4593	126	313	5032	166	4634	0	2860	3359	-452	12739	4	12743	1289	14032	50.01
4	4593	121	324	5038	103	4633	0	2798	3089	-426	12437	4	12441	1264	13705	50.00
5	4584	116	315	5015	138	4633	0	2988	3271	-446	12611	4	12615	1283	13898	50.02
6	4601	141	326	5068	113	4762	0	3594	3845	-577	13211	7	13218	1414	14632	50.01
7	5051	381	312	5744	72	5155	0	4049	4123	-699	14395	7	14402	1620	16022	49.98
8	5242	402	314	5958	55	5707	3	4704	4813	-677	15859	7	15866	1834	17700	49.99
9	5360	342	346	6048	35	5858	48	4964	4661	-839	15811	7	15818	2111	17929	50.00
10	5398	437	292	6127	28	5864	103	5062	5156	-807	16471	7	16478	2286	18764	49.96
11	5566	311	302	6179	30	5852	144	5152	4618	-957	15866	7	15873	2485	18358	49.97
12	5261	284	295	5840	45	5480	158	5203	5333	-1056	15800	7	15807	2510	18317	49.94
13	5200	250	295	5745	49	5061	173	5201	5039	-1028	15039	7	15046	2468	17514	49.93
14	5070	138	296	5504	67	4890	161	5136	5478	-961	15139	8	15147	2342	17489	49.97
15	4919	239	295	5453	69	4761	142	5153	5290	-970	14745	5	14750	2345	17095	49.96
16	4889	496	278	5663	100	4865	107	5186	5425	-963	15197	5	15202	2344	17546	49.94
17	4732	242	311	5285	128	4952	53	5095	5077	-958	14537	5	14542	2340	16882	49.96
18	4632	355	303	5290	141	4953	21	3848	4668	-949	14124	5	14129	2333	16462	49.97
19	4652	285	308	5245	153	4994	0	4282	4327	-923	13796	5	13801	2341	16142	50.01
20	4663	115	359	5137	192	5014	0	5328	5343	-1014	14672	5	14677	2355	17032	49.98
21	4666	115	448	5229	197	4917	0	4950	5128	-1157	14314	5	14319	2272	16591	49.97
22	4661	180	453	5294	225	4775	0	4021	4322	-1113	13503	5	13508	2089	15597	50.00
23	4665	110	454	5229	244	4719	0	3569	4016	-981	13227	5	13232	1901	15133	49.92
24	4612	115	455	5182	185	4666	0	3366	3764	-821	12976	5	12981	1716	14697	49.98
MUs	116.8 2	5.54	8.03	130.39	3.01	120.39	1.11	102.77	106.90	-19.92	341.87	0.14	342.01	47.76	389.77	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 15/Feb/2016

Position as on 6.30 Hrs of 16/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	
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	
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.	
CPP	WPCL U-4	135	10/02/2016	21.46		Continued.	ESP Maintenance Work.	
IPP	VIPL U-2	300	13/02/2016	04:59		Continued.	Boiler Tube Leakage	
IPP	Adani U-2	660	13/02/2016	15.47		Continued.	P A Outlet Duct Leakage Bellow.	
MSPGCL	Bhusawal Unit 4	500	14/02/2016	12.10		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Uran Unit 8	108	14/02/2016	18.34	15/02/2016	18.17	Gas shortage	
MSPGCL	Ghatghar Unit-1	125	15/02/2016	00.00		Continued.	Attending Water valve Leakage.	
IPP	RPL(AMT) U-2	270	16/02/2016	01.14		Continued.	Due to Zero Schedule Given by MSEDCL.	
IPP	RPL(AMT) U-3	270	16/02/2016	01.17		Continued.	Due to Zero Schedule Given by MSEDCL.	
MSPGCL	Bhusawal Unit 2	210	16/02/2016	04.53		Continued.	Switch Board Supply Tripped.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 16/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	14/02/2016	13.17	15/02/2016	06.26	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	14/02/2016	16.44	15/02/2016	07.40	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	15/02/2016	08.21	15/02/2016	10.44	EO	To Attend Main Breaker Problem.
Dhule Sar'Sarovar I	InterState	15/02/2016	1328	16/02/2016	06.23	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	15/02/2016	17.40	16/02/2016	06.31	HT	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	15/02/2016	16.42	PO	CKT on TBC.Main Breaker o/h work.
Bhusawal-Aurangabad	IntraState	11/02/2016	14.05		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	11/02/2016	18.40		Continued.	HT	CHANGE OVER
Karad - Jaigad - II	IntraState	13/02/2016	16.24	15/02/2016	09.40	HT	Over Voltage
Padghe - Talegaon (PG)	IntraState	14/02/2016	09.10	15/02/2016	06.43	PO	OPGW Work.
Chandrapur-II - Nanded	IntraState	14/02/2016	10.39	15/02/2016	07.14	PO	E/W Stringing Work.
karad -kolhapur-II	IntraState	14/02/2016	13.22		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	14/02/2016	16.49	15/02/2016	07.37	HT	Over Voltage
Karad-Jaigad - I	IntraState	15/02/2016	16.55		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	15/02/2016	21.37		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
Hingoli- Girawali	InterState	14/02/2016	12.37		Continued.	HT	To Improve Voltage @ Hingoli.
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
Nerle - Dasgaon	IntraState	15/02/2016	10.58	15/02/2016	19.09	PO	Relay Retrofitting Work.
karad - Dasgaon	IntraState	15/02/2016	10.58	15/02/2016	19.21	PO	Electrofitting of Backup Relay
Halkarni-Mahalaxmiline	IntraState	15/02/2016	11.42	15/02/2016	14.03	PO	Testing Work
Malharpeth - Karad(400kv)	IntraState	15/02/2016	16.05	15/02/2016	20.45	PO	Electrofitting Work.
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)
220/132 Kv 200 Mva Ict - 2 @Harangul	IntraState	15/02/2016	13.04		Continued.	PO	Work of Oil Filtration of ICT.

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