

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Feb/2015 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	124.280	2729.672	1) Gujrat	-5.521	-14.098
2) Hydro	6.786	200.852	2) Madhya Pradesh	16.456	321.280
3) Gas	5.718	176.888	3) Chattisgarh	6.520	134.190
Total MSPGCL	136.784	3107.412	4) Maharashtra Net	105.473	2242.566
B) 1) APML	53.430	964.690	5) Goa	-6.156	-140.384
2) JSWEL	11.482	295.994	6) TAPS 1&2 Injection	3.830	70.587
3) VIPL	10.799	228.852	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.510	129.820	8) Pench (MS)	0.011	9.610
5) WPCL	2.605	61.083	9) Pench (Excess)	-0.011	-9.610
6) Other IPP	9.648	211.341	Total	120.591	2604.531
C) 1) TPCL Thermal	15.328	251.279	a) Mumbai Schedule	16.750	463.412
2) TPCL Hydro	0.585	93.957	b) Mumbai Drawl	18.513	516.622
3) TPCL Gas	0.000	0.000	c) MSEDCL Bilateral *	30.436	621.864
4) R-INFRA Thermal	11.214	191.005	Include PX	3.666	83.539
D) STATE			d) Mumbai Bilateral *	16.750	460.721
1) Thermal	244.296	5063.736	Include PX	-0.059	64.956
(A1+C1+C4+(B1-B6))			Include Standby	0.000	2.691
2) Hydro	7.371	294.809	H) ENERGY CATERED (MUs)		
3) Gas	5.718	176.888	1) MSEDCL	337.929	7249.912
4) Wind	4.218	126.230	2) Mumbai Discoms	45.638	1071.319
6) SOLAR	1.364	26.971	TOTAL STATE	383.567	8321.231
TOTAL STATE	262.967	5688.634			

* 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 22 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5306	5095	5149	5070
MSPGCL Hydro	993	805	154	150
MSPGCL Gas	148	191	375	147
MSPGCL Total Generation	6447	6091	5678	5367
Central Sector Receipt	5952	5145	5201	4443
WIND	165	178	92	260
CPP / IPP	4039	4141	4016	3509
SOLAR	159	195	0	0
Exchange with Mumbai	-734	-792	-1065	-1065
MSEDCL DEMAND MET	16028	14958	13922	12896
Load Shedding	611	915	60	60
MSEDCL DEMAND	16639	15873	13982	12956
TPCL GENERATION	760	798	589	516
R-INFRA GENERATION	512	518	478	388
MUMBAI DEMAND	2006	2108	2132	1587
STATE DEMAND MET	18034	17066	16054	14483
STATE DEMAND	18645	17981	16114	14543
Frequency (Hz)	49.95	49.90	49.93	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.33 Hz at 18:01 Hrs	49.7 Hz at 21:06 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 22/Feb/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	81.85	0	0
Unit 7	3.86	83.94	175	145
Total	3.86	165.80		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	8.05	214.79	450	245
Unit 5	7.65	86.04	400	205
Total	15.70	300.82		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	3.72	78.66	163	137
Unit 5	3.56	78.98	158	143
Unit 6	4.55	106.07	222	165
Unit 7	4.60	105.83	230	166
Total	16.44	369.54		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.33	55.15	144	132
Unit 3	4.80	85.62	210	180
Unit 4	4.46	82.67	194	175
Unit 5	4.33	213.72	440	0
Unit 6	9.33	174.98	415	347
Unit 7	9.54	213.80	440	343
Total	35.79	825.94		
Paras				
Unit 3	4.94	107.46	234	184
Unit 4	4.88	90.54	232	180
Total	9.82	198.00		
Khaparkheda				
Unit 1	4.60	93.62	205	165
Unit 2	4.01	83.44	175	150
Unit 3	4.99	101.01	215	196
Unit 4	4.33	81.10	195	97
Unit 5	11.55	245.03	500	410
Total	29.48	604.19		
Nasik				
Unit 3	4.44	83.20	200	175
Unit 4	4.43	88.16	193	174
Unit 5	4.32	94.04	193	163
Total	13.19	265.39		
Uran				
All Units	5.72	176.89	433	147
Total	5.72	176.89		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.01	9.61	8	0
Total	0.01	9.61		
Koyna				
Stage 1-2	2.29	59.50	450	40
Stage 4	0.68	35.94	296	0
Stage 3	0.40	20.85	160	0
Total	3.38	116.28		
Hydro				
KDPH	0.44	11.57	19	18
VTRNA	0.00	0.00	0	0
TILLARI	0.25	4.02	64	0
BHTGR/VEER	0.00	0.54	0	0
BHIRA T.R.	0.16	5.26	80	0
RNGR+BHTSA	0.32	7.45	14	13
BHANDARDRA	0.52	4.54	39	12
ELDARY	0.00	3.22	0	0
SMLHY_PTN	0.79	21.58	33	33
GHATGHAR	0.92	26.39	240	0
Total	3.41	84.57		
Wind				
Total	4.22	126.23	0	0
Total	4.22	126.23		
CPP				
APML(Mus)	53.43	964.69	0	0
JSWEL(Mus)	11.48	295.99	0	0
VIPL(Mus)	10.80	228.85	0	0
RPLAMT(Mus)	5.51	129.82	0	0
WPCL(Mus)	2.60	61.08	0	0
Other(Mus)	9.65	211.34	0	0
Total	93.47	1891.78		
SOLAR				
Total	1.36	26.97	0	0
Total	1.36	26.97		
Tata				
Trombay 5	9.81	68.18	496	315
Trombay 6	0.00	60.98	0	0
Trombay 7A	0.00	0.00	0	0
Trombay 7B	0.00	0.00	0	0
Trombay 8	5.52	122.13	251	199
TATA Hydro	0.58	93.96	130	0
Total	15.91	345.24		
R-INFRA				
1-2	11.21	191.00	518	386
Total	11.21	191.00		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	124.28	2729.67
MSPGCL Thml+Gas	130.00	2906.56

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	6.79	200.85
MSPGCL Total	136.78	3107.41

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.97	95.43
State Total	262.97	5688.63

Hourly Load Data As on 22/Feb/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	4990	123	147	5260	284	3554	0	4848	4755	-891	12962	84	13046	1793	14839	49.98
2	5028	126	148	5302	253	3677	0	4818	4842	-764	13310	56	13366	1668	15034	49.99
3	5070	150	147	5367	260	3509	0	4657	4443	-683	12896	60	12956	1587	14543	49.99
4	5067	150	147	5364	228	3460	0	4570	4650	-629	13073	60	13133	1534	14667	49.97
5	4980	145	148	5273	251	3371	0	4708	5198	-628	13465	62	13527	1531	15058	49.95
6	5316	123	150	5589	244	3696	0	4957	4981	-642	13868	99	13967	1596	15563	49.90
7	5281	123	163	5567	208	3859	2	5031	4702	-450	13888	193	14081	1665	15746	49.93
8	5370	330	163	5863	184	3953	14	5323	5664	-409	15269	253	15522	1723	17245	49.99
9	5422	297	154	5873	94	4037	67	5568	5200	-531	14740	491	15231	1850	17081	49.95
10	5401	600	152	6153	134	4079	126	5885	5203	-688	15007	587	15594	1951	17545	49.95
11	5306	993	148	6447	165	4039	159	5827	5952	-734	16028	611	16639	2006	18645	49.95
12	5170	1193	161	6524	149	4091	185	5743	5488	-795	15642	773	16415	2104	18519	49.90
13	5095	805	191	6091	178	4141	195	5704	5145	-792	14958	915	15873	2108	17981	49.90
14	5180	184	268	5632	203	4064	185	5693	5418	-807	14695	570	15265	2073	17338	50.03
15	5187	148	267	5602	190	4010	173	5701	5644	-750	14869	195	15064	2029	17093	49.97
16	5272	126	270	5668	184	4084	134	5844	6049	-722	15397	91	15488	2000	17488	49.95
17	5283	116	304	5703	185	4025	107	5369	5337	-747	14610	79	14689	2005	16694	49.99
18	5188	116	316	5620	160	3818	17	4374	3941	-978	12578	80	12658	1959	14617	50.02
19	5170	184	340	5694	95	3940	0	4028	3957	-901	12785	65	12850	1990	14840	49.94
20	5141	183	352	5676	80	4111	0	4698	4212	-786	13293	62	13355	2176	15531	49.93
21	5215	126	362	5703	78	4009	0	4719	4716	-940	13566	60	13626	2173	15799	49.98
22	5149	154	375	5678	92	4016	0	4535	5201	-1065	13922	60	13982	2132	16114	49.93
23	5011	143	412	5566	137	3952	0	4682	4675	-1154	13176	60	13236	2059	15295	49.97
24	4968	148	433	5549	182	3979	0	4697	5218	-1027	13901	60	13961	1928	15889	50.00
MUs	124.26	6.79	5.72	136.76	4.22	93.47	1.36	121.98	120.59	-18.51	337.90	5.63	343.52	45.64	389.16	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 22/Feb/2015

Position as on 6.30 Hrs of 23/Feb/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Parli Unit 3	210	13/02/2013	23:50		Continued.	Water Shortage	
CENT.SECTOR	Tarapur 1	160	12/10/2014	22:39		Continued.	Refuelling Work. (60 Days)	
MSPGCL	Bhusawal Unit 3	210	20/01/2015	08.02		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 2A	230	06/06/2013	09.10		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	
RGPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPL	Dabhol 3B	230	29/12/2013	06.14		Continued.	Gas Shortage	
IPP	WPCL U-2	135	18/02/2014	00.02		Continued.	Ash conveying Problem	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	PA Fan Vibration Problem	
MSPGCL	Koradi Unit 5	200	17/06/2014	11:53		Continued.	Economic Shutdown	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Bhusawal Unit 2	210	13/09/2014	12.43		Continued.	Economic shutdown	
CPP	WPCL U-1	135	30/10/2014	00.43		Continued.	ESP bag Filter Damaged	
TPC-G	Trombay 7B	60	11/12/2014	20.39		Continued.	Rotor Fault	
TPC-G	Trombay 7A	120	11/12/2014	21.51		Continued.	Rotor Fault	
MSPGCL	Uran Unit 8	108	26/01/2015	12.22	22/02/2015	11.23	Gas shortage	
IPP	RPL(AMT) U-1	270	27/01/2015	21.55		Continued.	Coal Shortage	
IPP	JSW (J) U1	300	03/02/2015	14:20		Continued.	PA Fan problem	
IPP	JSW (J) U3	300	03/02/2015	21:27		Continued.	Due to Unavailability of Load.	
MSPGCL	Uran Unit B0	120	11/02/2015	23.27		Continued.	Gas shortage	
MSPGCL	Koyana Unit 9	80	16/02/2015	08.15		Continued.	Annual Maintenance Work	
TPC-G	Trombay 6	500	17/02/2015	21.50		Continued.	Economic shutdown	
CENT.SECTOR	TARAPUR 4	540	18/02/2015	06.54		Continued.	AVR Problem	
MSPGCL	Uran Unit A0	120	20/02/2015	07.32	22/02/2015	22.06	BLR Prot.Optd.	
MSPGCL	Uran Unit 5	108	20/02/2015	07.32	22/02/2015	16.37	BLR Prot.Optd.	
MSPGCL	Koyana STG- IV Unit - 1	250	20/02/2015	09.00		Continued.	Spherical valve servo motor maintenance work	
IPP	WPCL U-3	135	21/02/2015	00.34		Continued.	ID Fan Problem	
MSPGCL	Koradi Unit 6	210	21/02/2015	15.07	23/02/2015	10.27	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 22/Feb/2015

Position as on 6.30 Hrs of 23/Feb/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 5	500	22/02/2015	11.36		Continued.	Condenser Parameter Abnormal	
MSPGCL	Nasik Unit 3	210	23/02/2015	18.15	23/02/2015	21.55	Auxiliary supply failure	
MSPGCL	Nasik Unit 5	210	23/02/2015	18.15	23/02/2015	22.10	Auxiliary supply failure	
MSPGCL	Khaparkheda Unit 3	210	23/02/2015	23.13		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 22/Feb/2015

Statement-VII

Position as on 6.30 Hrs of 23/Feb/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							
Dabhol New koyna I	InterState	08/02/2015	18:18		Continued.	HT	Over Voltage
Dabhol Nagothane II	InterState	13/02/2015	18:02		Continued.	T	Over Voltage
Parli (PG) - Talegaon(PG)- I	InterState	19/02/2015	20.14		Continued.	HT	For LILLO of Both line at Pune GIS
Parli (PG) - Talegaon(PG)- II	InterState	19/02/2015	20.27		Continued.	PO	For Lilo of both Line at pune GIS.
Kolhapur Mapusa I	InterState	22/02/2015	09.07		Continued.	T	Insulator Replacement Work
Karad Solapur (Pg)	InterState	22/02/2015	17.02	23/02/2015	06.55	T	Over Voltage
Dabhol Nagothane I	InterState	22/02/2015	17.04	22/02/2015	19.06	T	Over Voltage
Dhule Sar'Sarovar I	InterState	23/02/2015	18.09	23/02/2015	19.52	HT	Over Voltage
Taptitanda Waluj	IntraState	27/01/2015	18.20		Continued.	HT	B Ph Jumper Open.
karad -kolhapur-II	IntraState	21/02/2015	16.44	22/02/2015	07.02	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	21/02/2015	18.06	22/02/2015	08.31	HT	Over Voltage
Karad-Jaigad - I	IntraState	21/02/2015	18.18	22/02/2015	07.04	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	22/02/2015	05.43		Continued.	HT	To control ICT loading
karad -kolhapur-II	IntraState	22/02/2015	16.35	23/02/2015	06.49	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	22/02/2015	17.04	23/02/2015	06.47	HT	Over Voltage
Karad-Jaigad - I	IntraState	22/02/2015	18.05	23/02/2015	06.57	HT	Over Voltage
Khadka- Deepnagar Ckt 2	IntraState	23/02/2015	09.00	23/02/2015	13.44	PO	on line work of fixing nut bolt
Padghe - Nagothane - I	IntraState	23/02/2015	09.18	23/02/2015	10.17	T	Distance Protection
Padghe - Kalwa-II	IntraState	23/02/2015	10.00	23/02/2015	18.08	PO	Annual Maintenance Work
karad -kolhapur-II	IntraState	23/02/2015	16.40		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	23/02/2015	16.43		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	23/02/2015	18.04		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT- 2 @Warora	IntraState	16/02/2015	10:43		Continued.	HT	Attending CTR Fire System Nitrogen Leakage
400/220 KV 500 MVA ICT- 1 @Warora	IntraState	16/02/2015	18.56		Continued.	PO	Attending Oil Leakage
400/220 Kv 500 Mva Ict-1 @Kalwa	IntraState	22/02/2015	09.36	22/02/2015	16.12	T	Measurment of Tan Delta and SFRA of ICT
400/220kv 315 Mva Ict 1 @Karad	IntraState	23/02/2015	09.53	23/02/2015	21.05	PO	Tan Delta Measurment of CTs
220 KV LINE Outages/Trippings							
Borivali - Tarapur	InterState	21/11/2014	14.51	22/02/2015	18.47	PO	Mumbai Strengthening work
Talandage - Chikodi	InterState	23/02/2015	11.35	23/02/2015	21.50	PO	Quarterly Maintainance Work
Boisar(M) - Ghodbunder	IntraState	25/11/2014	11.36	22/02/2015	18.52	PO	Annual Overhaul
TBC @ Parli-II	IntraState	07/01/2015	15.48		Continued.	PO	Shifting of control panel
Butibori-Butibori Rly Tss	IntraState	18/02/2015	09:56		Continued.	PO	Erection of CB and CC, Dismantling of CB, Aligment of Line Isolator.
Eklahara-(Ocr)-Navasari I	IntraState	21/02/2015	18.23	22/02/2015	10.52	HT	Control Bus Sec Load.
Gis Bhandup - Borivali	IntraState	22/02/2015	09.11	22/02/2015	16.36	T	Line Maintenance work
Trombay MSETCL Tie 2	IntraState	22/02/2015	13.23	22/02/2015	16.07	T	To attend Hot Spot
Talandge(400kv)- Sawantwadi(Insul	IntraState	23/02/2015	10.10	23/02/2015	17.31	PO	Attending ct Leakage
Magar Patta City- Serum	IntraState	23/02/2015	10.35		Continued.	HT	To control Lonikand ict loading
Ongc Panvel - Tss Panvel	IntraState	23/02/2015	15.15	23/02/2015	16.00	PO	Replacement work
Nashik-Airoli Knowledge Park	IntraState	23/02/2015	18.15	23/02/2015	19.32	T	B phase isolator post insulator broken
Eklahara(Gcr)(Nasik)- Bableswhar 1	IntraState	23/02/2015	18.15	23/02/2015	19.33	T	B phase isolator post insulator broken

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 22/Feb/2015

Statement-VII

Position as on 6.30 Hrs of 23/Feb/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Eklahara(Gcr)(Nasik)- Bableshtar 2	IntraState	23/02/2015	18.15	23/02/2015	19.34	T	B phase isolator post insulator broken
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
220/132 Kv 200 Mva Vijai Ict 1 @Eklahre (Gcr)	IntraState	23/02/2015	18.15	23/02/2015	19.19	T	B phase isolator post insulator broken
220/132 Kv 150 Mva Cgl Ict 2 @Eklahre (Gcr)	IntraState	23/02/2015	18.15	23/02/2015	19.20	T	B phase isolator post insulator broken