

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 20/Feb/2015 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	131.731	2476.662	1) Gujrat	-4.503	-4.948
2) Hydro	10.400	186.858	2) Madhya Pradesh	18.113	287.457
3) Gas	4.972	167.450	3) Chattisgarh	5.720	121.210
Total MSPGCL	147.103	2830.970	4) Maharashtra Net	101.317	2031.097
B) 1) APML	46.440	860.060	5) Goa	-6.833	-127.638
2) JSWEL	12.014	271.945	6) TAPS 1&2 Injection	3.555	62.915
3) VIPL	11.004	207.155	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.500	119.800	8) Pench (MS)	0.100	9.565
5) WPCL	2.876	55.855	9) Pench (Excess)	-0.100	-9.565
6) Other IPP	10.242	191.981	Total	117.269	2360.528
C) 1) TPCL Thermal	15.841	220.477	a) Mumbai Schedule	19.602	427.995
2) TPCL Hydro	3.255	90.643	b) Mumbai Drawl	21.676	476.665
3) TPCL Gas	0.000	0.000	c) MSEDCL Bilateral *	24.574	560.222
4) R-INFRA Thermal	11.477	168.447	Include PX	4.021	73.960
D) STATE			d) Mumbai Bilateral *	19.602	425.303
1) Thermal	247.125	4572.382	Include PX	0.741	64.978
(A1+C1+C4+(B1-B6))			Include Standby	0.000	2.691
2) Hydro	13.655	277.501	H) ENERGY CATERED (MUs)		
3) Gas	4.972	167.450	1) MSEDCL	337.219	6571.688
4) Wind	5.031	116.233	2) Mumbai Discoms	52.250	974.690
6) SOLAR	1.316	24.261	TOTAL STATE	389.469	7546.378
TOTAL STATE	272.099	5157.827			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5891	5942	5569	5030
MSPGCL Hydro	1461	981	236	136
MSPGCL Gas	152	152	154	316
MSPGCL Total Generation	7504	7075	5959	5482
Central Sector Receipt	5719	5098	4337	4571
WIND	110	43	155	381
CPP / IPP	3663	3772	3851	3226
SOLAR	180	180	0	0
Exchange with Mumbai	-1220	-1204	-1025	-1025
MSEDCL DEMAND MET	15956	14964	13277	13154
Load Shedding	915	1078	103	64
MSEDCL DEMAND	16871	16042	13380	13218
TPCL GENERATION	989	988	1025	518
R-INFRA GENERATION	516	518	514	391
MUMBAI DEMAND	2725	2710	2564	1415
STATE DEMAND MET	18681	17674	15841	14569
STATE DEMAND	19596	18752	15944	14633
Frequency (Hz)	50.00	50.00	50.00	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.29 Hz at 17.03 Hrs	49.75 Hz at 06.41 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 20/Feb/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	4.01	79.26	180	152
Unit 7	3.86	76.21	175	145
Total	7.87	155.47		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	9.84	198.99	505	280
Unit 5	7.84	70.94	500	0
Total	17.69	269.92		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	3.68	71.16	160	137
Unit 5	3.58	71.80	160	143
Unit 6	4.90	96.60	250	190
Unit 7	4.92	96.26	250	183
Total	17.08	335.82		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.24	48.49	139	128
Unit 3	4.69	76.06	210	172
Unit 4	4.48	73.81	195	178
Unit 5	10.01	199.42	450	331
Unit 6	9.59	155.96	425	360
Unit 7	9.32	194.33	417	346
Total	41.34	748.07		
Paras				
Unit 3	4.73	97.44	208	190
Unit 4	4.43	80.73	199	167
Total	9.16	178.17		
Khaparkheda				
Unit 1	4.68	84.73	205	170
Unit 2	3.99	75.58	180	150
Unit 3	4.59	91.44	210	170
Unit 4	0.66	76.59	183	0
Unit 5	11.41	222.11	500	404
Total	25.32	550.45		
Nasik				
Unit 3	4.44	74.25	200	175
Unit 4	4.38	79.24	200	172
Unit 5	4.44	85.26	196	175
Total	13.26	238.76		
Uran				
All Units	4.97	167.45	318	152
Total	4.97	167.45		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.10	9.56	27	0
Total	0.10	9.56		
Koyna				
Stage 1-2	2.76	56.04	470	40
Stage 4	2.16	33.32	555	0
Stage 3	1.32	19.62	160	0
Total	6.24	108.98		
Hydro				
KDPH	0.44	10.68	19	18
VTRNA	0.00	0.00	0	0
TILLARI	0.24	3.52	63	0
BHTGR/VEER	0.00	0.54	0	0
BHIRA T.R.	0.15	4.96	80	0
RNGR+BHTSA	0.34	6.78	15	14
BHANDARDRA	0.53	3.55	41	12
ELDARY	0.00	3.22	0	0
SMLHY_PTN	1.14	20.03	48	47
GHATGHAR	1.31	24.60	250	0
Total	4.16	77.88		
Wind				
Total	5.03	116.23	0	0
Total	5.03	116.23		
CPP				
APML(Mus)	46.44	860.06	0	0
JSWEL(Mus)	12.01	271.94	0	0
VIPL(Mus)	11.00	207.16	0	0
RPLAMT(Mus)	5.50	119.80	0	0
WPCL(Mus)	2.88	55.86	0	0
Other(Mus)	10.24	191.98	0	0
Total	88.08	1706.80		
SOLAR				
Total	1.32	24.26	0	0
Total	1.32	24.26		
Tata				
Trombay 5	10.19	48.53	498	316
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	5.65	110.97	251	200
TATA Hydro	3.26	90.64	431	0
Total	19.10	311.12		
R-INFRA				
1-2	11.48	168.45	518	388
Total	11.48	168.45		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	131.73	2476.66
MSPGCL Thml+Gas	136.70	2644.11

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	10.40	186.86
MSPGCL Total	147.10	2830.97

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	4.92	89.36
State Total	272.10	5157.83

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 20/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	5028	158	312	5498	390	3439	0	4662	4969	-789	13507	91	13598	1699	15297	49.98
2	5035	158	312	5505	342	3426	0	4501	4409	-633	13049	64	13113	1541	14654	49.98
3	5019	150	316	5485	332	3401	0	4545	4947	-552	13613	64	13677	1457	15134	50.00
4	5030	136	316	5482	381	3226	0	4399	4571	-506	13154	64	13218	1415	14633	49.98
5	5062	131	316	5509	401	3234	0	4362	4577	-515	13206	66	13272	1425	14697	49.95
6	5126	161	318	5605	447	3287	0	4622	5097	-512	13924	118	14042	1548	15590	49.90
7	5374	316	318	6008	479	3357	1	4905	5162	-482	14525	376	14901	1751	16652	49.88
8	5491	156	279	5926	405	3663	11	5222	5402	-706	14701	1075	15776	1918	17694	50.03
9	5504	753	179	6436	285	3681	66	5193	5977	-792	15653	940	16593	2152	18745	49.98
10	5519	1293	154	6966	205	3697	110	5214	5685	-952	15711	673	16384	2473	18857	49.98
11	5632	1676	152	7460	162	3654	164	5268	5334	-1193	15581	708	16289	2699	18988	49.99
12	5891	1461	152	7504	110	3663	180	5300	5719	-1220	15956	915	16871	2725	19596	50.00
13	5942	981	152	7075	43	3772	180	5055	5098	-1204	14964	1078	16042	2710	18752	50.00
14	5991	533	152	6676	27	3923	172	4950	5462	-1076	15184	929	16113	2582	18695	50.08
15	5986	277	152	6415	29	4001	183	4990	4837	-980	14485	685	15170	2615	17785	49.94
16	5884	439	152	6475	34	3992	134	5161	5189	-948	14876	550	15426	2639	18065	49.93
17	5808	409	152	6369	45	3963	81	4857	4732	-1059	14131	542	14673	2653	17326	50.01
18	5777	134	152	6063	67	3942	33	4167	4079	-1270	12914	303	13217	2593	15810	50.07
19	5564	228	154	5946	122	3851	1	4095	4014	-1122	12812	122	12934	2522	15456	50.00
20	5569	236	154	5959	155	3851	0	4680	4337	-1025	13277	103	13380	2564	15944	50.00
21	5523	162	155	5840	109	3820	0	4574	4492	-1048	13213	88	13301	2402	15703	50.06
22	5555	172	156	5883	130	3895	0	4249	3928	-1038	12798	74	12872	2240	15112	50.09
23	5285	145	158	5588	151	3717	0	4149	4590	-1095	12951	74	13025	2059	15084	49.96
24	5136	135	159	5430	180	3621	0	4245	4662	-959	12934	69	13003	1867	14870	50.00
MUs	131.73	10.40	4.97	147.10	5.03	88.08	1.32	113.36	117.27	-21.68	337.12	9.77	346.89	52.25	399.14	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 20/Feb/2015

Position as on 6.30 Hrs of 21/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	10/02/2015
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 2A	230	06/06/2013	09.10		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	
RGPPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPPL	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	
CPP	WPCL U-4	135	25/01/2015	22.27	20/02/2015	18.48	ID Fan Problem	
MSPGCL	Uran Unit 8	108	26/01/2015	12.22		Continued.	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	Koyna Unit 9	80	16/02/2015	08.15		Continued.	Annual Maintenance Work	
IPP	Adani U-5	660	17/02/2015	13.33	20/02/2015	08.59	Drain Valve leakage	
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	Khaparkheda Unit 4	210	19/02/2015	12.10	20/02/2015	03.28	Drum level low	
MSPGCL	Bhusawal Unit 5	500	20/02/2015	04.51	20/02/2015	08.15	reverse power	
MSPGCL	Uran Unit 5	108	20/02/2015	07.32		Continued.	BLR Prot.Optd.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 20/Feb/2015

Position as on 6.30 Hrs of 21/Feb/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit A0	120	20/02/2015	07.32		Continued.	BLR Prot.Optd.	
MSPGCL	Khaparkheda Unit 4	210	20/02/2015	08.16		Continued.	Boiler Tube Leakage	
MSPGCL	Koyna STG- IV Unit - 1	250	20/02/2015	09.00		Continued.	Spherical valve servo motor maintenance work	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 20/Feb/2015

Statement-VII

Position as on 6.30 Hrs of 21/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
Dhule Sar'Sarovar II	InterState	19/02/2015	18.01	20/02/2015	06.55	HT	Over Voltage
Parli (Pg) Talegaon(Pg) li	InterState	19/02/2015	20.27		Continued.	PO	For Lilo of both Line at pune GIS.
Kolhapur Mapusa I	InterState	20/02/2015	08.55		Continued.	HT	Insulator cleaning,RFC 17.54 Hrs.
Dhule Sar'Sarovar I	InterState	20/02/2015	18.45	21/02/2015	06.06	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	12/02/2015	18:49		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	19/02/2015	16.10	20/02/2015	08.16	HT	Over Voltage
Karad-Jaigad - I	IntraState	19/02/2015	17.08	20/02/2015	08.42	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	19/02/2015	17.12	20/02/2015	06.22	HT	Over Voltage
TBC @ Bhusawal-II	IntraState	20/02/2015	09.50	20/02/2015	13.38	PO	Quarterly Maintainance Work
Tie Bay ICT-I @ Khaparkheda	IntraState	20/02/2015	10.33	20/02/2015	14.11	PO	Measurement of Contact Resistance
Bhusawal-Aurangabad	IntraState	20/02/2015	13.00	20/02/2015	13.29	T	Distance Protection
karad -kolhapur-II	IntraState	20/02/2015	16.40		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	20/02/2015	17.45		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	20/02/2015	18.01	21/02/2015	06.07	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
220 KV LINE Outages/Trippings							
Borivali - Tarapur	InterState	21/11/2014	14.51		Continued.	PO	Mumbai Strengthening work
Mudshingi - Chikodi	InterState	20/02/2015	06.40	20/02/2015	07.30	T	Distance Protection
Boisar(M) - Ghodbunder	IntraState	25/11/2014	11.36		Continued.	PO	Erection & Stringing Work.
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, Alignment of Line Isolator.
Main Bus Section-II @ Hinganghat	IntraState	20/02/2015	08.58	20/02/2015	19.00	PO	Erection of Gantry and beam
Mumewadi (Gadhin)-Halkarni 2 Line	IntraState	20/02/2015	09.05	20/02/2015	17.28	HT	Cleaning of insulator string.
Babhleshwar- Ranjangaon	IntraState	20/02/2015	09.06	20/02/2015	18.33	HT	BBLR ICT Over Load.
Butibori-Butibori Rly Tss	IntraState	20/02/2015	09.56		Continued.	PO	Erection of CB and CC, Dismantling of CB.
Apta - Taloja	IntraState	20/02/2015	09.57	20/02/2015	18.46	PO	Removing and restrining of broken conductor.
Padghe - Jambhul 1	IntraState	20/02/2015	10.04	20/02/2015	18.34	PO	Repl.of Dist.Relay.
Eklahare (Gcr) - Ghatghar	IntraState	20/02/2015	10.35	20/02/2015	14.02	PO	Attending Hot Spot
Wadkhali - Ndil 1	IntraState	20/02/2015	11.48	20/02/2015	14.45	PO	Tan Delta Measurment of CTs
Bus Coupler @ Abhijeet	IntraState	20/02/2015	11.54	20/02/2015	15.21	PO	Tan Delta Measurment of CTs
Aurangabad-Babhaleshwar	IntraState	20/02/2015	12.12	20/02/2015	18.10	PO	Diagnostic Testing.
Gadchandur - Grace	IntraState	20/02/2015	12.58	20/02/2015	17.58	PO	Distance Relay Testing Work
Wadkhali - Ndil 2	IntraState	20/02/2015	14.50	20/02/2015	16.25	PO	Tan Delta Measurment of CTs
Harangul-Parly	IntraState	20/02/2015	18.01	20/02/2015	20.45	PO	Routine Maintenance Work
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 Emco Ict 2	IntraState	20/02/2015	00.14	20/02/2015	12.03	PO	Attending Hot Spot

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 20/Feb/2015

Statement-VII

Position as on 6.30 Hrs of 21/Feb/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Raymond (Nasik 2)							
220/132 Kv 200 Mva Vijai Ict 2 @Boisar-li	IntraState	20/02/2015	08.55	20/02/2015	15.18	PO	Dignostic Testing
220/100 Kv 200 Mva Emco Ict 1 @Kolshet	IntraState	20/02/2015	09.13	20/02/2015	17.53	PO	CT Bushing,winding ,tan delta measurement.
220/6.6kV 40MVA STN T/F-III	IntraState	20/02/2015	10.58	20/02/2015	13.33	PO	Measurement of contact resistance
220/132 Kv 200 Mva Vijay Ict 1 @Malegaon	IntraState	20/02/2015	11.42	20/02/2015	15.24	PO	Attending OLTC Oil Leakage.
220/6.6kV 40MVA STN T/F-IV	IntraState	20/02/2015	15.51	20/02/2015	17.46	PO	Measurement of contact resistance
100 KV LINE Outages/Trippings							
Kalwa - Vashi 1	IntraState	20/02/2015	06.01	20/02/2015	14.05	PO	LA Jumper Replacement.

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