

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Feb/2015 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	129.249	3108.981	1) Gujrat	-2.250	-26.650
2) Hydro	10.170	228.984	2) Madhya Pradesh	16.808	370.312
3) Gas	9.317	207.517	3) Chattisgarh	6.100	153.140
Total MSPGCL	148.736	3545.482	4) Maharashtra Net	109.582	2575.423
B) 1) APML	54.360	1132.040	5) Goa	-6.826	-160.605
2) JSWEL	11.903	331.653	6) TAPS 1&2 Injection	3.662	81.903
3) VIPL	11.127	262.327	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.300	146.300	8) Pench (MS)	0.075	9.832
5) WPCL	2.599	68.883	9) Pench (Excess)	-0.075	-9.832
6) Other IPP	9.583	240.060	Total	127.001	2983.691
C) 1) TPCL Thermal	16.287	299.525	a) Mumbai Schedule	21.106	525.477
2) TPCL Hydro	3.522	104.841	b) Mumbai Drawl	24.297	590.844
3) TPCL Gas	0.000	0.000	c) MSEDCL Bilateral *	30.427	711.843
4) R-INFRA Thermal	11.506	225.499	Include PX	4.297	97.772
D) STATE			d) Mumbai Bilateral *	21.106	522.551
1) Thermal	251.914	5815.268	Include PX	2.183	69.949
(A1+C1+C4+(B1-B6))			Include Standby	0.000	2.926
2) Hydro	13.692	333.825	H) ENERGY CATERED (MUs)		
3) Gas	9.317	207.517	1) MSEDCL	354.897	8302.110
4) Wind	7.265	141.795	2) Mumbai Discoms	55.612	1239.169
6) SOLAR	1.245	30.891	TOTAL STATE	410.509	9541.279
TOTAL STATE	283.433	6529.296			

* 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	5583	5739	5766	4828
MSPGCL Hydro	1082	877	276	134
MSPGCL Gas	445	430	303	461
MSPGCL Total Generation	7110	7046	6345	5423
Central Sector Receipt	6310	5945	4707	4864
WIND	53	81	371	645
CPP / IPP	4173	4097	4215	3495
SOLAR	140	190	0	0
Exchange with Mumbai	-1269	-1237	-1143	-1143
MSEDCL DEMAND MET	16517	16122	14495	13745
Load Shedding	71	134	68	62
MSEDCL DEMAND	16588	16256	14563	13807
TPCL GENERATION	1059	1119	1007	526
R-INFRA GENERATION	507	517	516	390
MUMBAI DEMAND	2835	2873	2666	1598
STATE DEMAND MET	19352	18995	17161	15343
STATE DEMAND	19423	19129	17229	15405
Frequency (Hz)	50.02	50.01	50.03	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.3 Hz at 13:04 Hrs	49.71 Hz at 06:42 Hrs	50	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 25/Feb/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	3.92	91.58	175	154
Unit 7	3.66	95.10	170	135
Total	7.59	186.67		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.61	246.63	510	365
Unit 5	10.54	117.92	510	370
Total	21.16	364.54		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	3.75	89.86	163	149
Unit 5	3.58	89.54	160	143
Unit 6	5.24	120.84	250	200
Unit 7	5.27	120.67	250	198
Total	17.83	420.92		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.36	65.20	146	136
Unit 3	4.71	99.98	210	181
Unit 4	4.31	96.12	195	37
Unit 5	1.21	214.93	283	0
Unit 6	9.52	204.01	425	355
Unit 7	9.03	241.63	438	305
Total	32.14	921.87		
Paras				
Unit 3	4.69	121.38	214	173
Unit 4	4.83	104.74	236	183
Total	9.51	226.11		
Khaparkheda				
Unit 1	4.52	107.24	200	170
Unit 2	3.66	94.80	180	120
Unit 3	3.95	109.54	210	0
Unit 4	4.56	94.54	200	171
Unit 5	11.23	279.22	500	410
Total	27.92	685.35		
Nasik				
Unit 3	4.40	95.72	200	165
Unit 4	4.32	101.32	191	165
Unit 5	4.37	106.48	193	165
Total	13.10	303.52		
Uran				
All Units	9.32	207.52	470	296
Total	9.32	207.52		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.08	9.83	13	0
Total	0.08	9.83		
Koyna				
Stage 1-2	1.30	66.48	185	40
Stage 4	3.70	41.69	625	0
Stage 3	0.66	23.51	180	0
Total	5.65	131.68		
Hydro				
KDPH	0.89	13.64	38	37
VTRNA	0.93	0.93	61	0
TILLARI	0.25	4.76	63	0
BHTGR/VEER	0.04	0.63	2	1
BHIRA T.R.	0.16	5.64	80	0
RNGR+BHTSA	0.30	8.38	14	0
BHANDARDRA	0.00	5.09	0	0
ELDARY	0.00	3.22	0	0
SMLHY_PTN	0.98	24.33	41	41
GHATGHAR	0.96	30.68	125	0
Total	4.52	97.30		
Wind				
Total	7.26	141.80	0	0
Total	7.26	141.80		
CPP				
APML(Mus)	54.36	1132.04	0	0
JSWEL(Mus)	11.90	331.65	0	0
VIPL(Mus)	11.13	262.33	0	0
RPLAMT(Mus)	5.30	146.30	0	0
WPCL(Mus)	2.60	68.88	0	0
Other(Mus)	9.58	240.06	0	0
Total	94.87	2181.26		
SOLAR				
Total	1.24	30.89	0	0
Total	1.24	30.89		
Tata				
Trombay 5	10.62	99.45	500	322
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	5.66	139.10	252	200
TATA Hydro	3.52	104.84	371	0
Total	19.81	404.37		
R-INFRA				
1-2	11.51	225.50	518	387
Total	11.51	225.50		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	129.25	3108.98
MSPGCL Thml+Gas	138.57	3316.50

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	10.17	228.98
MSPGCL Total	148.74	3545.48

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	4.99	108.18
State Total	283.43	6529.30

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/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	4837	134	461	5432	269	3866	0	4895	5203	-1000	13770	94	13864	1912	15776	49.94
2	4797	144	461	5402	333	3750	0	4883	5078	-839	13724	62	13786	1753	15539	49.98
3	4770	134	461	5365	463	3674	0	4926	4939	-742	13699	62	13761	1657	15418	49.97
4	4828	134	461	5423	645	3495	0	4934	4864	-682	13745	62	13807	1598	15405	50.01
5	4893	149	461	5503	647	3420	0	4934	4940	-689	13821	65	13886	1606	15492	50.00
6	5134	134	470	5738	426	3632	0	4940	5496	-648	14644	74	14718	1708	16426	49.95
7	5368	139	466	5973	438	3898	1	5168	5631	-643	15298	111	15409	1899	17308	49.90
8	5534	722	467	6723	323	4079	9	5543	5805	-743	16196	111	16307	2073	18380	50.02
9	5531	753	460	6744	125	4202	62	5624	5876	-937	16072	103	16175	2310	18485	50.01
10	5563	881	456	6900	56	4160	114	6083	6375	-1221	16384	83	16467	2646	19113	50.03
11	5583	1082	445	7110	53	4173	140	6214	6310	-1269	16517	71	16588	2835	19423	50.02
12	5667	996	435	7098	52	4219	167	6135	6173	-1262	16447	73	16520	2876	19396	50.03
13	5739	877	430	7046	81	4097	190	5781	5945	-1237	16122	134	16256	2873	19129	50.01
14	5785	805	346	6936	140	4082	180	5552	5602	-1230	15710	72	15782	2733	18515	50.12
15	5783	548	315	6646	161	4106	161	5701	5848	-1211	15711	68	15779	2741	18520	49.99
16	5680	508	296	6484	267	4127	127	5850	5645	-1208	15442	72	15514	2747	18261	49.93
17	5747	504	298	6549	359	4123	63	5513	5255	-1231	15118	82	15200	2752	17952	49.95
18	5491	217	301	6009	456	4102	31	4447	4389	-1217	13770	83	13853	2688	16541	50.00
19	5553	271	303	6127	405	4135	0	4153	4371	-1192	13846	64	13910	2627	16537	49.97
20	5766	276	303	6345	371	4215	0	4952	4707	-1143	14495	68	14563	2666	17229	50.03
21	5417	193	303	5913	290	4095	0	4954	4688	-948	14038	68	14106	2473	16579	50.05
22	5319	193	303	5815	378	3919	0	4482	4347	-934	13525	70	13595	2331	15926	50.02
23	5287	185	307	5779	277	3700	0	4394	4460	-1009	13207	70	13277	2134	15411	49.98
24	5177	191	308	5676	250	3603	0	4596	5054	-1062	13521	70	13591	1974	15565	50.02
MUs	129.25	10.17	9.32	148.74	7.27	94.87	1.25	124.65	127.00	-24.30	354.82	1.89	356.71	55.61	412.33	50.00

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 25/Feb/2015

Position as on 6.30 Hrs of 26/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	26/02/2015	01.28	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	
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	
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	Koyna 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	Chandrapur Unit 5	500	22/02/2015	11.36	25/02/2015	18.44	Condenser Parameter Abnormal	
MSPGCL	Khaparkheda Unit 3	210	23/02/2015	23.13	25/02/2015	02.25	Boiler Tube Leakage	
MSPGCL	Uran Unit 8	108	25/02/2015	13.32		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 4	210	25/02/2015	23.12		Continued.	Water Wall Tube Leakage.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/Feb/2015

Statement-VII

Position as on 6.30 Hrs of 26/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
Kolhapur Mapusa I	InterState	22/02/2015	09.07		Continued.	T	Insulator Replacement Work
Akola Wardha li	InterState	24/02/2015	16.54	25/02/2015	12.34	T	Distance Protection
Dhule Sar'Sarovar I	InterState	24/02/2015	18.18	25/02/2015	06.06	HT	Over Voltage
Padgha - Boisar (PG)	InterState	25/02/2015	06.05	25/02/2015	06.47	T	Lv side y ph ct burst
Kolhapur Mapusa II	InterState	25/02/2015	09.00	25/02/2015	19.29	PO	Insulator Replacement Work
Dhule Sar'Sarovar II	InterState	25/02/2015	21.09		Continued.	HT	Over Voltage
Taptitanda Waluj	IntraState	27/01/2015	18.20		Continued.	HT	B Ph Jumper Open.
Babhaleshwar-Taptitanda ckt-I	IntraState	22/02/2015	05.43		Continued.	HT	To control ICT loading
karad -kolhapur-II	IntraState	24/02/2015	16.40		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	24/02/2015	17.09	25/02/2015	07.28	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	24/02/2015	18.03	25/02/2015	05.56	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	25/02/2015	15.35	25/02/2015	22.22	PO	String Replacement Work.
karad -kolhapur-I	IntraState	25/02/2015	17.03		Continued.	T	Over Voltage
Karad-Jaigad - I	IntraState	25/02/2015	17.06		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	25/02/2015	17.42	26/02/2015	05.52	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 600 MVA ICT-IV @Padghe	IntraState	25/02/2015	06.05	25/02/2015	23.04	T	Lv side y ph ct burst
400/220 Kv 167 Mva Spare Ict @Lonikand 4	IntraState	25/02/2015	10.02	25/02/2015	15.24	PO	Diagonstic Testing.
400/220kv 315MVA ICT 2 @ Kolhapur	IntraState	25/02/2015	15.08	25/02/2015	21.09	PO	Attending Hot Spot on Y,B Ph Bushing.
220 KV LINE Outages/Trippings							
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.
Magar Patta City- Serum	IntraState	23/02/2015	10.35		Continued.	HT	To control Lonikand ict loading
Kalwa Salsette 3	IntraState	24/02/2015	08.36		Continued.	PO	strengthening work
Bableshevar- Alephata	IntraState	25/02/2015	05.28	25/02/2015	17.32	HT	To Control Babaleshwar ICT.
Padghe - Jindal	IntraState	25/02/2015	06.05	25/02/2015	07.00	T	Lv side y ph ct burst
Mumewadi (Gadhin)-Halkarni 1 Line	IntraState	25/02/2015	09.02	25/02/2015	18.52	PO	For Cleaning of Polluted Insulator Strings.
Bableshevar- Ranjangaon	IntraState	25/02/2015	10.10	25/02/2015	17.09	HT	To Control Babhaleshwar ICT.
Bableshevar- Bableshevar-I	IntraState	25/02/2015	17.23	25/02/2015	20.42	PO	CT Tan Delta.
Temghar - Kalwa	IntraState	26/02/2015	05.50		Continued.	PO	Attending Hot Spot
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault

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