

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Feb/2015 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	124.767	2854.439	1) Gujrat	-5.957	-20.055
2) Hydro	7.680	208.532	2) Madhya Pradesh	15.563	336.843
3) Gas	10.602	187.490	3) Chattisgarh	6.320	140.510
Total MSPGCL	143.049	3250.461	4) Maharashtra Net	110.047	2352.613
B) 1) APML	56.470	1021.160	5) Goa	-6.869	-147.253
2) JSWEL	11.421	307.415	6) TAPS 1&2 Injection	3.830	74.417
3) VIPL	11.006	239.858	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.520	135.340	8) Pench (MS)	0.132	9.742
5) WPCL	2.668	63.751	9) Pench (Excess)	-0.132	-9.742
6) Other IPP	10.053	221.394	Total	122.802	2727.333
C) 1) TPCL Thermal	15.553	266.832	a) Mumbai Schedule	19.970	483.382
2) TPCL Hydro	3.385	97.342	b) Mumbai Drawl	25.372	541.994
3) TPCL Gas	0.000	0.000	c) MSEDCL Bilateral *	29.461	651.325
4) R-INFRA Thermal	11.220	202.225	Include PX	5.398	88.937
D) STATE			d) Mumbai Bilateral *	19.970	480.456
1) Thermal	248.678	5312.414	Include PX	0.977	65.934
(A1+C1+C4+(B1-B6))			Include Standby	0.000	2.926
2) Hydro	11.065	305.874	H) ENERGY CATERED (MUs)		
3) Gas	10.602	187.490	1) MSEDCL	343.886	7593.798
4) Wind	4.777	131.007	2) Mumbai Discoms	55.535	1126.854
6) SOLAR	1.360	28.331	TOTAL STATE	399.421	8720.652
TOTAL STATE	276.482	5965.116			

* 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	5493	5695	4947	4834
MSPGCL Hydro	691	654	538	130
MSPGCL Gas	424	428	442	435
MSPGCL Total Generation	6608	6777	5927	5399
Central Sector Receipt	6229	5517	4827	4511
WIND	152	166	238	210
CPP / IPP	4270	4207	4156	3668
SOLAR	201	189	0	0
Exchange with Mumbai	-1293	-1330	-1156	-1156
MSEDCL DEMAND MET	16167	15526	13992	13170
Load Shedding	293	390	88	85
MSEDCL DEMAND	16460	15916	14080	13255
TPCL GENERATION	1046	986	1052	516
R-INFRA GENERATION	503	513	514	388
MUMBAI DEMAND	2842	2829	2722	1522
STATE DEMAND MET	19009	18355	16714	14692
STATE DEMAND	19302	18745	16802	14777
Frequency (Hz)	49.96	49.93	49.92	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 02.01 Hrs	49.67 Hz at 18.42 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 23/Feb/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	1.97	83.82	165	0
Unit 7	3.84	87.79	175	150
Total	5.82	171.61		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.54	225.34	505	360
Unit 5	10.38	96.42	515	355
Total	20.92	321.75		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	3.71	82.37	160	149
Unit 5	3.40	82.38	155	132
Unit 6	4.52	110.59	235	175
Unit 7	4.55	110.38	238	169
Total	16.18	385.71		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.34	58.49	144	135
Unit 3	4.80	90.42	210	181
Unit 4	4.56	87.23	197	179
Unit 5	0.00	213.72	0	0
Unit 6	9.68	184.66	430	358
Unit 7	9.69	223.49	449	365
Total	32.07	858.00		
Paras				
Unit 3	4.57	112.03	206	174
Unit 4	4.69	95.24	217	175
Total	9.27	207.26		
Khaparkheda				
Unit 1	4.50	98.12	200	170
Unit 2	3.78	87.22	170	130
Unit 3	4.58	105.59	210	40
Unit 4	4.48	85.58	199	169
Unit 5	11.47	256.50	500	420
Total	28.82	633.01		
Nasik				
Unit 3	3.64	86.84	200	0
Unit 4	4.43	92.59	194	170
Unit 5	3.63	97.67	194	0
Total	11.70	277.09		
Uran				
All Units	10.60	187.49	466	424
Total	10.60	187.49		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.13	9.74	26	0
Total	0.13	9.74		
Koyna				
Stage 1-2	1.91	61.40	310	40
Stage 4	1.14	37.08	200	0
Stage 3	1.00	21.85	140	0
Total	4.06	120.34		
Hydro				
KDPH	0.44	12.01	19	18
VTRNA	0.00	0.00	0	0
TILLARI	0.25	4.27	64	0
BHTGR/VEER	0.00	0.54	0	0
BHIRA T.R.	0.08	5.34	77	0
RNGR+BHTSA	0.31	7.76	13	12
BHANDARDRA	0.48	5.01	20	19
ELDARY	0.00	3.22	0	0
SMLHY_PTN	0.78	22.36	34	32
GHATGHAR	1.28	27.67	220	0
Total	3.62	88.19		
Wind				
Total	4.78	131.01	0	0
Total	4.78	131.01		
CPP				
APML(Mus)	56.47	1021.16	0	0
JSWEL(Mus)	11.42	307.42	0	0
VIPL(Mus)	11.01	239.86	0	0
RPLAMT(Mus)	5.52	135.34	0	0
WPCL(Mus)	2.67	63.75	0	0
Other(Mus)	10.05	221.39	0	0
Total	97.14	1988.92		
SOLAR				
Total	1.36	28.33	0	0
Total	1.36	28.33		
Tata				
Trombay 5	9.97	78.15	498	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	5.58	127.71	252	200
TATA Hydro	3.38	97.34	307	0
Total	18.94	364.17		
R-INFRA				
1-2	11.22	202.22	518	386
Total	11.22	202.22		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	124.77	2854.44
MSPGCL Thml+Gas	135.37	3041.93

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.68	208.53
MSPGCL Total	143.05	3250.46

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	3.05	98.48
State Total	276.48	5965.12

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/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	4901	125	425	5451	213	3635	0	4969	4635	-906	13028	98	13126	1808	14934	50.02
2	4843	130	426	5399	221	3812	0	4926	4422	-757	13097	85	13182	1662	14844	50.00
3	4842	125	434	5401	214	3864	0	4971	4408	-681	13206	85	13291	1584	14875	50.11
4	4834	130	435	5399	210	3668	0	4909	4511	-618	13170	85	13255	1522	14777	50.03
5	4854	130	464	5448	262	3512	0	4647	4718	-619	13321	87	13408	1524	14932	49.99
6	5110	134	465	5709	277	3607	0	4972	5226	-704	14115	138	14253	1635	15888	49.94
7	5365	128	464	5957	363	4837	1	5166	4377	-671	14864	339	15203	1841	17044	49.89
8	5426	193	466	6085	354	4081	19	5333	5485	-717	15307	876	16183	2013	18196	50.00
9	5425	163	454	6042	300	4137	66	5400	5470	-892	15123	448	15571	2259	17830	49.99
10	5415	444	450	6309	249	4185	114	5724	6095	-1066	15886	197	16083	2575	18658	49.98
11	5379	690	433	6502	167	4253	159	6148	5877	-1272	15686	210	15896	2808	18704	49.96
12	5493	691	424	6608	152	4270	201	5987	6229	-1293	16167	293	16460	2842	19302	49.96
13	5695	654	428	6777	166	4207	189	5717	5517	-1330	15526	390	15916	2829	18745	49.93
14	5690	352	430	6472	116	4249	182	5647	5685	-1241	15463	218	15681	2748	18429	49.97
15	5668	470	432	6570	87	4219	162	5699	5667	-1307	15398	151	15549	2809	18358	49.94
16	5552	529	440	6521	82	4264	128	5847	5882	-1272	15605	108	15713	2815	18528	49.92
17	5506	499	434	6439	81	4141	100	5476	5478	-1257	14982	108	15090	2808	17898	49.87
18	5042	379	436	5857	114	3925	38	4382	4980	-1405	13509	111	13620	2714	16334	49.95
19	4811	535	438	5784	291	4082	1	4306	4067	-1326	12899	84	12983	2673	15656	49.87
20	4947	538	442	5927	238	4156	0	4984	4827	-1156	13992	88	14080	2722	16802	49.92
21	4965	247	444	5656	137	4080	0	4891	5089	-1211	13751	88	13839	2566	16405	49.97
22	4904	129	444	5477	139	4051	0	4714	4736	-1249	13154	87	13241	2400	15641	50.00
23	5141	128	446	5715	132	4045	0	4898	4699	-1275	13316	87	13403	2257	15660	49.94
24	4962	137	448	5547	212	3858	0	4900	4722	-1147	13192	81	13273	2116	15389	49.89
MUs	124.77	7.68	10.60	143.05	4.78	97.14	1.36	124.61	122.80	-25.37	343.76	4.54	348.30	55.53	403.83	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 23/Feb/2015

Position as on 6.30 Hrs of 24/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								
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	
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	Koradi Unit 6	210	21/02/2015	15.07	23/02/2015	10.27	Boiler Tube Leakage	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 23/Feb/2015

Position as on 6.30 Hrs of 24/Feb/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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 23/Feb/2015

Statement-VII

Position as on 6.30 Hrs of 24/Feb/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi III - Akola II- ckt-II	IntraState	24/02/2015	22:28	24/02/2015	22:29	T	First Time charged
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	24/02/2015	19.52	HT	For LILO of Both line at Pune GIS
Parli (PG) - Talegaon(PG)- II	InterState	19/02/2015	20.27	24/02/2015	20.25	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
Dhule Sar'Sarovar I	InterState	23/02/2015	18.09	23/02/2015	19.52	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	24/02/2015	08.30	24/02/2015	12.42	PO	Annual Maintenance Work
Wardha (PG)-Warora II	InterState	24/02/2015	14.50	24/02/2015	15.59	PO	Annual Maintenance Work
Akola Wardha li	InterState	24/02/2015	16.54		Continued.	T	Distance Protection
Dhule Sar'Sarovar I	InterState	24/02/2015	18.18		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	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	24/02/2015	09.49	HT	Over Voltage
Karad - Jaigad - II	IntraState	23/02/2015	16.43	24/02/2015	06.58	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	23/02/2015	18.04	24/02/2015	06.31	HT	Over Voltage
karad -kolhapur-II	IntraState	24/02/2015	16.40		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	24/02/2015	17.09		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	24/02/2015	18.03		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
400/220kv 315 Mva Ict 1 @Karad	IntraState	23/02/2015	09.53	23/02/2015	21.05	PO	Tan Delta Measurment of CTs
400/220/33 kV 105 MVA Spare ICT @Chandrapur	IntraState	24/02/2015	09.20	24/02/2015	20.43	PO	Routine Maintenance Work
400/220 kV 167 MVA Spare ICT @Deepnagar	IntraState	24/02/2015	09.37	24/02/2015	18.39	PO	Quarterly Maintainance Work
400/220/33 Kv 315 MVA ICT -I @Nagothane	IntraState	24/02/2015	09.45	24/02/2015	20.50	PO	Routine Maintenance Work
400/220kv 315 Mva ICT II @Karad	IntraState	24/02/2015	12.35	24/02/2015	21.36	PO	Attending Hot Spot
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	23/02/2015	11.35	23/02/2015	21.50	PO	Quarterly Maintainance 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, Aligment of Line Isolator.
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

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 23/Feb/2015

Statement-VII

Position as on 6.30 Hrs of 24/Feb/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Ongc Panvel - Tss Panvel	IntraState	23/02/2015	15.15	23/02/2015	16.00	PO	Replacement work
Eklahara(Gcr)(Nasik)- Bableshwar 1	IntraState	23/02/2015	18.15	23/02/2015	19.33	T	B phase isolator post insulator broken
Eklahara(Gcr)(Nasik)- Bableshwar 2	IntraState	23/02/2015	18.15	23/02/2015	19.34	T	B phase isolator post insulator broken
Nashik-Airoli Knowledge Park	IntraState	23/02/2015	18.15	23/02/2015	19.32	T	B phase isolator post insulator broken
Kalwa Salsette 3	IntraState	24/02/2015	08.36		Continued.	PO	strengthening work
Mumewadi (Gadhin)-Halkarni 1 Line	IntraState	24/02/2015	09.13	24/02/2015	18.17	PO	washing of insulator strings
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
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	24/02/2015	12.55	24/02/2015	16.55	PO	Line Maintenance work

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