

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/Feb/2015 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.730	2605.392	1) Gujrat	-3.629	-8.577
2) Hydro	7.208	194.066	2) Madhya Pradesh	17.367	304.824
3) Gas	3.720	171.170	3) Chattisgarh	6.460	127.670
Total MSPGCL	139.658	2970.628	4) Maharashtra Net	105.996	2137.093
B) 1) APML	51.200	911.260	5) Goa	-6.590	-134.228
2) JSWEL	12.567	284.512	6) TAPS 1&2 Injection	3.842	66.757
3) VIPL	10.898	218.053	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	4.510	124.310	8) Pench (MS)	0.034	9.599
5) WPCL	2.623	58.478	9) Pench (Excess)	-0.034	-9.599
6) Other IPP	9.712	201.693	Total	123.412	2483.940
C) 1) TPCL Thermal	15.474	235.951	a) Mumbai Schedule	18.667	446.662
2) TPCL Hydro	2.729	93.372	b) Mumbai Drawl	21.444	498.109
3) TPCL Gas	0.000	0.000	c) MSEDCL Bilateral *	31.207	591.429
4) R-INFRA Thermal	11.344	179.791	Include PX	5.913	79.873
D) STATE			d) Mumbai Bilateral *	18.667	443.971
1) Thermal	247.058	4819.440	Include PX	0.037	65.015
(A1+C1+C4+(B1-B6))			Include Standby	0.000	2.691
2) Hydro (A2+C2)	9.937	287.438	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	3.720	171.170	1) MSEDCL	340.295	6911.983
4) Wind	5.779	122.012	2) Mumbai Discoms	50.991	1025.681
6) SOLAR	1.346	25.607	TOTAL STATE	391.286	7937.664
TOTAL STATE	267.840	5425.667			

* 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	5470	5676	5355	5144
MSPGCL Hydro	716	734	342	127
MSPGCL Gas	152	147	152	160
MSPGCL Total Generation	6338	6557	5849	5431
Central Sector Receipt	6342	6178	4581	4116
WIND	230	161	143	400
CPP / IPP	4093	4150	3920	3234
SOLAR	152	189	0	0
Exchange with Mumbai	-1060	-1106	-903	-903
MSEDCL DEMAND MET	16095	16129	13590	12650
Load Shedding	10	254	4	0
MSEDCL DEMAND	16105	16383	13594	12650
TPCL GENERATION	1030	985	1098	517
R-INFRA GENERATION	501	511	517	390
MUMBAI DEMAND	2591	2602	2518	1438
STATE DEMAND MET	18686	18731	16108	14088
STATE DEMAND	18696	18985	16112	14088
Frequency (Hz)	49.93	50.00	49.94	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 17:03 Hrs	49.59 Hz at 18:43 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 21/Feb/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	2.59	81.85	182	0
Unit 7	3.88	80.09	171	150
Total	6.46	161.94		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	7.75	206.74	360	290
Unit 5	7.45	78.38	370	290
Total	15.20	285.12		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	3.78	74.94	163	146
Unit 5	3.61	75.41	163	146
Unit 6	4.93	101.52	250	191
Unit 7	4.96	101.22	250	184
Total	17.28	353.10		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.33	51.82	142	136
Unit 3	4.76	80.82	210	178
Unit 4	4.40	78.20	194	160
Unit 5	9.97	209.39	450	335
Unit 6	9.69	165.65	430	358
Unit 7	9.94	204.26	457	344
Total	42.08	790.14		
Paras				
Unit 3	5.08	102.52	239	189
Unit 4	4.93	85.66	222	185
Total	10.01	188.18		
Khaparkheda				
Unit 1	4.30	89.02	195	165
Unit 2	3.85	79.43	170	150
Unit 3	4.58	96.02	210	175
Unit 4	0.17	76.76	81	0
Unit 5	11.37	233.48	500	400
Total	24.26	574.71		
Nasik				
Unit 3	4.50	78.76	200	175
Unit 4	4.48	83.73	198	176
Unit 5	4.45	89.71	195	174
Total	13.44	252.20		
Uran				
All Units	3.72	171.17	161	147
Total	3.72	171.17		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.03	9.60	23	0
Total	0.03	9.60		
Koyna				
Stage 1-2	1.17	57.20	130	40
Stage 4	1.93	35.25	280	0
Stage 3	0.82	20.45	148	0
Total	3.92	112.90		
Hydro				
KDPH	0.44	11.12	19	18
VTRNA	0.00	0.00	0	0
TILLARI	0.25	3.77	62	0
BHTGR/VEER	0.00	0.54	0	0
BHIRA T.R.	0.15	5.10	77	0
RNGR+BHTSA	0.35	7.13	15	14
BHANDARDRA	0.46	4.01	40	13
ELDARY	0.00	3.22	0	0
SMLHY_PTN	0.76	20.79	32	31
GHATGHAR	0.87	25.47	250	0
Total	3.29	81.16		
Wind				
Total	5.78	122.01	0	0
Total	5.78	122.01		
CPP				
APML(Mus)	51.20	911.26	0	0
JSWEL(Mus)	12.57	284.51	0	0
VIPL(Mus)	10.90	218.05	0	0
RPLAMT(Mus)	4.51	124.31	0	0
WPCL(Mus)	2.62	58.48	0	0
Other(Mus)	9.71	201.69	0	0
Total	91.51	1798.31		
SOLAR				
Total	1.35	25.61	0	0
Total	1.35	25.61		
Tata				
Trombay 5	9.84	58.37	497	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	5.63	116.61	253	200
TATA Hydro	2.73	93.37	354	0
Total	18.20	329.32		
R-INFRA				
1-2	11.34	179.79	518	388
Total	11.34	179.79		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	128.73	2605.39
MSPGCL Thml+Gas	132.45	2776.56

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.21	194.07
MSPGCL Total	139.66	2970.63

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	3.10	92.46
State Total	267.84	5425.67

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 21/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	5154	117	158	5429	243	3378	0	4784	4848	-811	13087	0	13087	1719	14806	49.99
2	5088	117	160	5365	292	3264	0	4563	4666	-661	12926	0	12926	1567	14493	49.99
3	5139	122	160	5421	360	3253	0	4362	4888	-566	13356	0	13356	1475	14831	49.99
4	5144	127	160	5431	400	3234	0	4219	4116	-531	12650	0	12650	1438	14088	49.99
5	5154	117	161	5432	450	3332	0	4348	4488	-532	13170	2	13172	1443	14615	49.97
6	5420	126	161	5707	403	3661	0	4738	4959	-508	14222	14	14236	1557	15793	49.93
7	5435	144	158	5737	411	3803	0	5020	5084	-473	14562	63	14625	1694	16319	49.93
8	5496	174	159	5829	385	4039	13	5421	5299	-552	15013	72	15085	1816	16901	49.94
9	5493	235	160	5888	263	4103	63	5763	5884	-755	15446	54	15500	2083	17583	49.99
10	5480	725	157	6362	212	4026	132	5895	6166	-943	15955	19	15974	2365	18339	50.03
11	5470	716	152	6338	230	4093	152	6044	6342	-1060	16095	10	16105	2591	18696	49.93
12	5594	733	150	6477	166	4012	182	6063	5797	-1078	15556	110	15666	2629	18295	49.98
13	5676	734	147	6557	161	4150	189	5928	6178	-1106	16129	254	16383	2602	18985	50.00
14	5695	582	150	6427	158	4153	192	5755	5418	-992	15356	192	15548	2471	18019	50.01
15	5684	479	150	6313	135	4154	174	5773	5684	-1004	15456	152	15608	2473	18081	49.95
16	5416	479	148	6043	148	4058	135	6087	6474	-1003	15855	110	15965	2470	18435	49.98
17	5347	241	155	5743	161	4189	84	5661	5534	-932	14779	118	14897	2450	17347	49.94
18	5372	163	152	5687	173	3986	29	4663	4064	-1270	12669	104	12773	2412	15185	50.03
19	5358	216	152	5726	148	4023	1	4434	3864	-1203	12559	24	12583	2419	15002	49.88
20	5355	342	152	5849	143	3920	0	4955	4581	-903	13590	4	13594	2518	16112	49.94
21	5328	158	154	5640	137	3760	0	4913	4837	-1034	13340	4	13344	2389	15733	49.96
22	5330	122	153	5605	196	3779	0	4643	4235	-1193	12622	4	12626	2251	14877	49.96
23	5045	122	154	5321	203	3644	0	4753	4876	-1210	12834	4	12838	2129	14967	49.90
24	5057	117	157	5331	201	3496	0	4753	5130	-1124	13034	4	13038	2030	15068	49.94
MUs	128.7 3	7.21	3.72	139.66	5.78	91.51	1.35	123.54	123.41	-21.44	340.26	1.32	341.58	50.99	392.57	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 21/Feb/2015

Position as on 6.30 Hrs of 22/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	
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 5	108	20/02/2015	07.32	22/02/2015	16.37	BLR Prot.Optd.	
MSPGCL	Uran Unit A0	120	20/02/2015	07.32	22/02/2015	22.06	BLR Prot.Optd.	
MSPGCL	Khaparkheda Unit 4	210	20/02/2015	08.16	21/02/2015	21.27	Boiler Tube Leakage	
MSPGCL	Koyana STG- IV Unit - 1	250	20/02/2015	09.00		Continued.	Spherical valve servo motor maintance work	
IPP	WPCL U-3	135	21/02/2015	00.34		Continued.	ID Fan Problem	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 21/Feb/2015

Position as on 6.30 Hrs of 22/Feb/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 6	210	21/02/2015	15.07		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-2	270	21/02/2015	18.44	21/02/2015	21.37	PA Header Pressurre Low.	
MSPGCL	Chandrapur Unit 5	500	22/02/2015	11.36		Continued.	Condenser Parameter Abnormal	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 21/Feb/2015

Statement-VII

Position as on 6.30 Hrs of 22/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 LILO 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	20/02/2015	08.55	21/02/2015	06.58	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
Kolhapur Mapusa I	InterState	22/02/2015	09.07		Continued.	T	Insulator Replacement Work
Karad Solapur (Pg)	InterState	22/02/2015	17.02		Continued.	T	Over Voltage
Dabhol Nagothane I	InterState	22/02/2015	17.04	22/02/2015	19.06	T	Over Voltage
Taptitanda Waluj	IntraState	27/01/2015	18.20		Continued.	HT	B Ph Jumper Open.
Babhaleshwar-Taptitanda ckt-I	IntraState	12/02/2015	18:49	21/02/2015	23.25	HT	Over Voltage
karad -kolhapur-II	IntraState	20/02/2015	16.40	21/02/2015	07.06	HT	Over Voltage
Karad-Jaigad - I	IntraState	20/02/2015	17.45	21/02/2015	07.12	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	20/02/2015	18.01	21/02/2015	06.07	HT	Over Voltage
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
Lonikand I - Koyna stage-IV	IntraState	21/02/2015	22.06	21/02/2015	22.36	T	Distance Protection
Bableshtar - Aurangabad (Waluj)	IntraState	21/02/2015	22.58	21/02/2015	23.37	T	Distance Protection
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		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	22/02/2015	17.04		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	22/02/2015	18.05		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
220 KV LINE Outages/Trippings							
Borivali - Tarapur	InterState	21/11/2014	14.51	22/02/2015	18.47	PO	Mumbai Strengthening 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.
Kalwa-Tifil	IntraState	21/02/2015	08.40	21/02/2015	12.14	PO	To attend Hot Spot
Chandrapur Gcr - Cpur Rly Tss 2	IntraState	21/02/2015	09.24	21/02/2015	18.37	PO	Measurement of CB Timing and CRM Measurement of tan delta of CT.
Mumewadi (Gadhin)-Halkarni 2 Line	IntraState	21/02/2015	09.44	21/02/2015	17.23	PO	Insulator Replacement Work
Infosys - Hinjawadi 1	IntraState	21/02/2015	10.10	21/02/2015	16.49	PO	Half yearly maintenance work
Mahape - Tfipl	IntraState	21/02/2015	12.31	21/02/2015	15.41	PO	CB CRM and timing.
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

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 21/Feb/2015

Statement-VII

Position as on 6.30 Hrs of 22/Feb/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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 Cgl Ict 1 @Eklahre (Ocr)	IntraState	21/02/2015	09.43	21/02/2015	10.51	PO	Attending Hot Spot
220/132 Kv 200 Mva Alsthom Ict 1 @Kaulewada	IntraState	21/02/2015	11.40	21/02/2015	18.00	PO	Attending Oil Leakage