

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 15/Apr/2015 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	119.687	1821.931	1) Gujrat	-3.268	-9.450
2) Hydro	23.975	320.292	2) Madhya Pradesh	15.049	248.200
3) Gas	7.053	75.308	3) Chattisgarh	5.330	81.220
Total MSPGCL	150.715	2217.531	4) Maharashtra Net	84.801	1311.094
B) 1) APML	43.710	684.430	5) Goa	-7.409	-104.151
2) JSWEL	21.680	326.451	6) TAPS 1&2 Injection	3.553	54.085
3) VIPL	11.892	166.227	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.200	106.189	8) Pench (MS)	0.128	0.802
5) WPCL	2.617	40.051	9) Pench (Excess)	-0.128	-0.802
6) Other IPP	8.940	126.362	Total	97.928	1580.196
C) 1) TPCL Thermal	17.160	268.319	a) Mumbai Schedule	23.410	323.894
2) TPCL Hydro	3.903	53.793	b) Mumbai Drawl	24.769	346.576
3) TPCL Gas	2.152	35.178	c) MSEDCL Bilateral *	22.828	330.388
4) R-INFRA Thermal	12.420	175.460	Include PX	-0.364	-24.729
D) STATE			d) Mumbai Bilateral *	23.410	323.894
1) Thermal	243.306	3715.420	Include PX	0.463	5.026
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	27.878	374.085	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	9.205	110.486	1) MSEDCL	323.188	5066.145
4) Wind	4.127	146.049	2) Mumbai Discoms	60.404	879.324
6) SOLAR	1.148	18.433	TOTAL STATE	383.592	5945.469
TOTAL STATE	285.664	4364.473			

* 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 3 Hrs
MSPGCL Thermal	5133	5270	4911	4763
MSPGCL Hydro	2064	1353	955	296
MSPGCL Gas	287	280	290	311
MSPGCL Total Generation	7484	6903	6156	5370
Central Sector Receipt	4706	4885	4306	3479
WIND	72	38	430	106
CPP / IPP	4052	3956	3966	3757
SOLAR	156	175	0	0
Exchange with Mumbai	-1367	-1353	-1215	-564
MSEDCL DEMAND MET	15103	14604	13643	12148
Load Shedding	46	46	40	43
MSEDCL DEMAND	15149	14650	13683	12191
TPCL GENERATION	1103	1160	1121	782
R-INFRA GENERATION	514	516	518	522
MUMBAI DEMAND	2984	3029	2854	1868
STATE DEMAND MET	18087	17633	16497	14016
STATE DEMAND	18133	17679	16537	14059
Frequency (Hz)	49.98	50.00	49.94	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.29 Hz at 18.00 Hrs	49.69 Hz at 19.10 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 15/Apr/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	32.50	0	0
Unit 6	0.00	0.00	0	0
Unit 7	4.07	59.14	180	150
Total	4.07	91.64		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.14	60.48	185	165
Unit 4	11.22	145.74	515	370
Unit 5	7.42	139.70	340	260
Total	22.77	345.93		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	25.46	0	0
Unit 5	3.53	51.41	157	140
Unit 6	3.64	66.86	250	0
Unit 7	5.08	67.32	251	187
Total	12.24	211.05		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.31	48.23	143	131
Unit 3	4.80	67.96	206	188
Unit 4	4.58	61.46	195	184
Unit 5	8.64	123.52	425	203
Unit 6	10.09	142.87	430	405
Unit 7	10.06	140.00	447	395
Total	41.48	584.04		
Paras				
Unit 3	0.00	65.01	0	0
Unit 4	4.80	40.62	222	172
Total	4.80	105.64		
Khaparkheda				
Unit 1	4.26	63.05	190	160
Unit 2	0.00	0.44	0	0
Unit 3	0.00	11.38	0	0
Unit 4	4.56	45.96	196	174
Unit 5	11.74	166.54	500	440
Total	20.55	287.37		
Nasik				
Unit 3	4.74	68.88	210	185
Unit 4	4.55	67.36	197	182
Unit 5	4.48	60.03	194	169
Total	13.77	196.27		
Uran				
All Units	7.05	75.31	311	280
Total	7.05	75.31		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.13	0.80	49	0
Total	0.13	0.80		
Koyna				
Stage 1-2	6.42	84.40	530	40
Stage 4	10.13	118.59	1040	0
Stage 3	3.76	44.07	318	0
Total	20.31	247.06		
Hydro				
KDPH	0.43	8.99	18	18
VTRNA	0.91	15.95	61	0
TILLARI	0.39	5.48	64	0
BHTGR/VEER	0.05	0.84	3	2
BHIRA T.R.	0.22	2.98	81	0
RNGR+BHTSA	0.29	3.62	12	11
BHANDARDRA	0.43	7.23	19	18
ELDARY	0.00	0.72	0	0
SMLHY_PTN	0.95	14.40	40	39
GHATGHAR	0.00	13.01	0	0
Total	3.67	73.23		
Wind				
Total	4.13	146.05	0	0
Total	4.13	146.05		
CPP				
APML(Mus)	43.71	684.43	0	0
JSWEL(Mus)	21.68	326.45	0	0
VIPL(Mus)	11.89	166.23	0	0
RPLAMT(Mus)	5.20	106.19	0	0
WPCL(Mus)	2.62	40.05	0	0
Other(Mus)	8.94	126.36	0	0
Total	94.04	1449.71		
SOLAR				
Total	1.15	18.43	0	0
Total	1.15	18.43		
Tata				
Trombay 5	11.26	161.61	488	444
Trombay 6	0.00	19.93	0	0
Trombay 7A	1.19	19.58	50	49
Trombay 7B	0.96	15.60	41	39
Trombay 8	5.90	86.78	250	228
TATA Hydro	3.90	53.79	375	0
Total	23.22	357.29		
R-INFRA				
1-2	12.42	175.46	522	514
Total	12.42	175.46		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	119.69	1821.93
MSPGCL Thml+Gas	126.74	1897.24

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	23.98	320.29
MSPGCL Total	150.72	2217.53

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	16.54	203.00
State Total	285.66	4364.47

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/Apr/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	4714	897	311	5922	80	3838	0	4148	3989	-843	12986	80	13066	2186	15252	49.97
2	4779	478	311	5568	70	3814	0	4112	3865	-643	12674	43	12717	1984	14701	49.94
3	4763	296	311	5370	106	3757	0	4112	3479	-564	12148	43	12191	1868	14059	49.94
4	4801	250	311	5362	134	3795	0	3970	3590	-505	12376	43	12419	1791	14210	49.97
5	4748	260	308	5316	114	3783	0	3923	3774	-441	12546	46	12592	1770	14362	49.98
6	4776	410	305	5491	137	3784	0	4041	3808	-503	12717	46	12763	1832	14595	49.94
7	4895	1180	304	6379	205	3792	1	4225	3756	-563	13570	46	13616	1897	15513	49.98
8	5088	1277	304	6669	123	4043	28	4212	3892	-702	14053	46	14099	2036	16135	50.07
9	5070	1321	294	6685	109	3975	83	4304	3989	-890	13951	46	13997	2334	16331	50.02
10	5132	1664	290	7086	78	4068	117	4386	4412	-1068	14693	46	14739	2699	17438	49.99
11	5133	2064	287	7484	72	4052	156	4513	4706	-1367	15103	46	15149	2984	18133	49.98
12	5128	1910	283	7321	39	3963	166	4665	3972	-1321	14140	46	14186	3029	17215	49.98
13	5270	1353	280	6903	38	3956	175	4719	4885	-1353	14604	46	14650	3029	17679	50.00
14	5264	1111	281	6656	55	3921	161	4597	4218	-1339	13672	47	13719	2958	16677	50.02
15	5264	1435	281	6980	127	3782	116	4465	4361	-1405	13961	40	14001	3018	17019	49.95
16	5104	1734	281	7119	139	3725	79	4450	4350	-1381	14031	40	14071	3019	17090	50.00
17	5144	1496	282	6922	306	3797	48	4365	3826	-1365	13534	40	13574	3016	16590	49.97
18	5076	517	287	5880	338	3865	17	3997	3790	-1383	12507	40	12547	2966	15513	50.06
19	4910	627	289	5826	456	4042	1	3618	4176	-1164	13337	40	13377	2768	16145	49.99
20	4911	955	290	6156	430	3966	0	4421	4306	-1215	13643	40	13683	2854	16537	49.94
21	4943	853	290	6086	337	4131	0	4450	4209	-1236	13527	40	13567	2732	16299	49.96
22	4955	769	291	6015	249	4065	0	4225	4044	-1208	13165	40	13205	2608	15813	50.03
23	4933	469	291	5693	185	4160	0	4247	4235	-1179	13094	40	13134	2531	15665	49.97
24	4886	649	291	5826	200	3965	0	4176	4296	-1131	13156	40	13196	2495	15691	49.99
MUs	119.69	23.97	7.05	150.71	4.13	94.04	1.15	102.34	97.93	-24.77	323.19	1.07	324.26	60.40	384.66	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 15/Apr/2015

Position as on 6.30 Hrs of 16/Apr/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	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Renovation and Modification work	
MSPGCL	Khaparkheda Unit 2	210	01/04/2015	03.16		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	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-4	135	18/03/2015	02.34		Continued.	Withdrawn	
IPP	RPL(AMT) U-1	270	21/03/2015	23.28		Continued.	Turbine vibration high.	
MSPGCL	Chandrapur Unit-8	500	29/03/2015	18.26		Continued.	Withdrawn	
MSPGCL	Koradi Unit-8	660	30/03/2015	20.22		Continued.	BLR Tripped.	
MSPGCL	Uran Unit 6	108	01/04/2015	16.35		Continued.	Gas shortage	
IPP	RPL(AMT) U-4	270	03/04/2015	11.42		Continued.	Boiler feed Pump problem.	
IPP	RPL(AMT) U-5	270	03/04/2015	14.22		Continued.	turbine Shaft Vibration high.	
MSPGCL	Uran Unit A0	120	04/04/2015	14.38		Continued.	Gas shortage	
MSPGCL	Uran Unit 5	108	04/04/2015	14.39		Continued.	Gas shortage	
MSPGCL	Khaparkheda Unit 3	210	04/04/2015	22.52		Continued.	Gland Steam Temp. High.	
IPP	RPL(AMT) U-3	270	05/04/2015	22.01		Continued.	Governor AVR Problem.	
TPC-G	Trombay 6	500	06/04/2015	16.27		Continued.	Economic shut down.	
IPP	Adani U-2	660	09/04/2015	15.50		Continued.	Boiler feed Pump Problem.	
IPP	WPCL U-3	135	11/04/2015	23.56		Continued.	ID Fan Vibration Problem.	
MSPGCL	Parli Unit 4	210	13/04/2015	11.27		Continued.	Turbine vibration high.	
MSPGCL	Koradi Unit 5	200	14/04/2015	01.01		Continued.	Flame Failure	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 15/Apr/2015

Position as on 6.30 Hrs of 16/Apr/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Paras Unit 3	250	14/04/2015	10.53		Continued.	Boiler Tube Leakage	
IPP	Adani U-5	660	14/04/2015	16.10		Continued.	PA Fan problem	
MSPGCL	Koyana Unit 7	80	15/04/2015	12.55	15/04/2015	19.35	Heavy oil leakage	
IPP	RPL(AMT) U-2	270	15/04/2015	14.11	15/04/2015	15.40	Tripped on Boiler protection	
MSPGCL	Parli Unit 6	250	15/04/2015	18.00		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Apr/2015

Statement-VII

Position as on 6.30 Hrs of 16/Apr/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							
Wardha(PG)-Aurangabad(PG)- II	InterState	28/03/2015	12.37		Continued.	PO	For Construction Crossing & Swapping Work of Comissioning of New 765kv Wardha-A'bad 3&4 for 3 Days.
Wardha PG - Aurangabad PG IV	IntraState	03/04/2015	21.57		Continued.	HT	Over Voltage
400 KV LINE Outages/Trippings							
Akola II - RPL(Rattanindia) Ckt I	InterState	07/04/2015	00.27		Continued.	T	Over Current Protection
Kolhapur Mapusa I	InterState	14/04/2015	16.41	15/04/2015	08.18	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	14/04/2015	18.47	15/04/2015	09.02	HT	Over Voltage
Kolhapur Mapusa II	InterState	15/04/2015	17.12		Continued.	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	15/04/2015	21.48		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	08/04/2015	22.45		Continued.	HT	HT For Controlling 400KV BABLESHWER - PADGHA
karad -kolhapur-II	IntraState	14/04/2015	16.07	15/04/2015	07.36	HT	Over Voltage
Karad-Jaigad - I	IntraState	14/04/2015	16.11	15/04/2015	07.39	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	14/04/2015	17.05	15/04/2015	08.25	HT	Over Voltage
Chandrapur-Parali 2	IntraState	15/04/2015	12.00	15/04/2015	18.58	PO	Removal of Old Broken Spacer Cum Vibration Damper
karad -kolhapur-II	IntraState	15/04/2015	16.16		Continued.	T	Over Voltage
Karad-Jaigad - I	IntraState	15/04/2015	16.32		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	15/04/2015	21.52		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	10/04/2015	18.23		Continued.	HT	From Nashik end to Control Bus section Loading.
TBC @ Parli-II	IntraState	07/01/2015	15.48		Continued.	PO	Shifting of control panel
Sahara-Urse	IntraState	03/03/2015	11.06		Continued.	PO	Tower erection work (90Days)
Trombay - Kalwa	IntraState	19/03/2015	14.27		Continued.	PO	Pannel Replacemen Work(Outage for 8 Days).open at location 14 b
Chandrapur Gcr - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and deenergising the line bet.86 to 107.
Chandrapur Gcr - Wani	IntraState	05/04/2015	09.15		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and deenergising the line bet.86 to 107.
Uran - Apta 2	IntraState	13/04/2015	09.45		Continued.	PO	Breaker O/H work.Ckt on TBC.
Temghar - Kalwa	IntraState	15/04/2015	09.22	15/04/2015	16.17	PO	Hot Spot, Taken on TBC
Osmanabad - Barshi	IntraState	15/04/2015	09.45	15/04/2015	13.35	PO	Quarterly Maintainance Work
Padghe - Vasai-Ii Line	IntraState	15/04/2015	10.29	15/04/2015	11.00	T	Tripped on E/F
Dondaicha(220)-Amalner(220)	IntraState	15/04/2015	11.01	15/04/2015	15.40	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
100 KV LINE Outages/Trippings							
Kolshet - Vasai	IntraState	15/04/2015	10.29	15/04/2015	11.20	T	Bus Bar operated

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