

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 08/Apr/2015 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.679	970.332	1) Gujrat	3.468	1.776
2) Hydro	31.288	185.188	2) Madhya Pradesh	17.793	142.385
3) Gas	3.431	42.218	3) Chattisgarh	6.690	46.720
Total MSPGCL	163.398	1197.738	4) Maharashtra Net	92.877	678.398
B) 1) APML	44.870	376.760	5) Goa	-7.712	-52.851
2) JSWEL	23.460	176.881	6) TAPS 1&2 Injection	3.669	28.937
3) VIPL	13.105	89.181	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	3.340	69.109	8) Pench (MS)	0.045	0.509
5) WPCL	2.698	21.728	9) Pench (Excess)	-0.045	-0.509
6) Other IPP	7.810	69.698	Total	116.740	844.856
C) 1) TPCL Thermal	17.622	152.098	a) Mumbai Schedule	25.351	172.396
2) TPCL Hydro	4.696	25.016	b) Mumbai Drawl	23.724	176.916
3) TPCL Gas	2.436	20.068	c) MSEDCL Bilateral *	22.855	177.178
4) R-INFRA Thermal	12.366	93.741	Include PX	-0.456	-22.663
D) STATE			d) Mumbai Bilateral *	25.351	172.396
1) Thermal	253.950	2019.528	Include PX	0.282	1.614
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	35.984	210.204	H) ENERGY CATERED (MUs)		
3) Gas	5.867	62.286	1) MSEDCL	360.313	2784.404
4) Wind	7.459	104.212	2) Mumbai Discoms	60.850	467.842
6) SOLAR	1.157	10.648	TOTAL STATE	421.163	3252.246
TOTAL STATE	304.417	2406.878			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5555	5337	5372	5197
MSPGCL Hydro	2214	2041	1228	597
MSPGCL Gas	141	140	135	149
MSPGCL Total Generation	7910	7518	6735	5943
Central Sector Receipt	5444	5388	4689	4598
WIND	120	198	373	375
CPP / IPP	3938	4077	4110	3793
SOLAR	150	87	0	0
Exchange with Mumbai	-1257	-1253	-1177	-503
MSEDCL DEMAND MET	16305	16015	14730	14206
Load Shedding	66	203	64	47
MSEDCL DEMAND	16371	16218	14794	14253
TPCL GENERATION	1235	1257	1162	814
R-INFRA GENERATION	505	509	517	518
MUMBAI DEMAND	2997	3019	2879	1835
STATE DEMAND MET	19302	19034	17609	16041
STATE DEMAND	19368	19237	17673	16088
Frequency (Hz)	49.87	49.88	49.82	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 07.01 Hrs	49.54 Hz at 22.07 Hrs	49.9	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 08/Apr/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.59	14.32	160	123
Unit 6	0.00	0.00	0	0
Unit 7	3.92	32.03	175	145
Total	7.51	46.34		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.05	31.74	185	160
Unit 4	11.24	73.42	505	380
Unit 5	10.60	81.88	500	365
Total	25.90	187.04		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	2.47	11.72	137	29
Unit 5	2.89	26.53	155	8
Unit 6	4.81	37.71	250	188
Unit 7	4.78	38.13	250	182
Total	14.94	114.09		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.12	26.09	138	126
Unit 3	4.81	36.06	210	187
Unit 4	4.39	34.76	190	165
Unit 5	10.31	78.55	445	415
Unit 6	9.84	75.72	420	390
Unit 7	9.29	73.77	435	318
Total	41.76	324.94		
Paras				
Unit 3	4.99	39.84	225	197
Unit 4	4.80	5.84	235	157
Total	9.80	45.68		
Khaparkheda				
Unit 1	3.92	33.69	190	130
Unit 2	0.00	0.44	0	0
Unit 3	0.00	11.38	0	0
Unit 4	0.00	14.80	2	0
Unit 5	11.91	90.20	505	475
Total	15.84	150.51		
Nasik				
Unit 3	4.70	36.68	205	185
Unit 4	4.56	35.99	196	179
Unit 5	3.68	29.07	195	0
Total	12.94	101.74		
Uran				
All Units	3.43	42.22	149	135
Total	3.43	42.22		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.04	0.51	23	0
Total	0.04	0.51		
Koyna				
Stage 1-2	8.22	47.00	555	40
Stage 4	13.38	71.15	1120	0
Stage 3	5.08	26.28	240	80
Total	26.67	144.43		
Hydro				
KDPH	0.58	5.77	36	18
VTRNA	0.97	8.95	61	0
TILLARI	0.35	2.94	60	0
BHTGR/VEER	0.06	0.46	3	2
BHIRA T.R.	0.31	1.20	80	0
RNGR+BHTSA	0.30	1.73	13	12
BHANDARDRA	0.51	3.97	22	21
ELDARY	0.00	0.72	0	0
SMLHY_PTN	1.01	7.80	43	42
GHATGHAR	0.54	7.23	120	0
Total	4.62	40.75		
Wind				
Total	7.46	104.21	0	0
Total	7.46	104.21		
CPP				
APML(Mus)	44.87	376.76	0	0
JSWEL(Mus)	23.46	176.88	0	0
VIPL(Mus)	13.10	89.18	0	0
RPLAMT(Mus)	3.34	69.11	0	0
WPCL(Mus)	2.70	21.73	0	0
Other(Mus)	7.81	69.70	0	0
Total	95.28	803.36		
SOLAR				
Total	1.16	10.65	0	0
Total	1.16	10.65		
Tata				
Trombay 5	11.63	86.17	493	440
Trombay 6	0.00	19.93	0	0
Trombay 7A	1.35	11.21	65	49
Trombay 7B	1.08	8.86	51	40
Trombay 8	6.00	46.00	252	247
TATA Hydro	4.70	25.02	445	0
Total	24.75	197.18		
R-INFRA				
1-2	12.37	93.74	519	505
Total	12.37	93.74		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	128.68	970.33
MSPGCL Thml+Gas	132.11	1012.55

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	31.29	185.19
MSPGCL Total	163.40	1197.74

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	21.60	118.15
State Total	304.42	2406.88

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/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	5292	1172	147	6611	342	3895	0	4370	4832	-883	14797	52	14849	2249	17098	49.95
2	5186	967	147	6300	463	3909	0	4335	4674	-661	14685	45	14730	2031	16761	49.90
3	5138	731	147	6016	444	3785	0	4304	4843	-548	14540	47	14587	1917	16504	49.96
4	5197	597	149	5943	375	3793	0	4313	4598	-503	14206	47	14253	1835	16088	49.94
5	5176	672	147	5995	375	3797	0	4309	4671	-486	14352	47	14399	1811	16210	49.95
6	5211	1088	147	6446	381	3800	0	4273	4544	-502	14669	55	14724	1869	16593	49.86
7	5340	1615	146	7101	481	3839	0	4376	4772	-579	15614	65	15679	1961	17640	49.93
8	5457	1748	146	7351	366	3857	29	4439	4583	-715	15471	67	15538	2086	17624	50.01
9	5571	1860	144	7575	184	3857	70	4585	4925	-963	15648	93	15741	2362	18103	49.94
10	5576	2161	142	7879	194	3835	114	4817	5158	-1087	16093	66	16159	2726	18885	49.86
11	5555	2214	141	7910	120	3938	150	4930	5444	-1257	16305	66	16371	2997	19368	49.87
12	5417	2009	141	7567	72	3966	154	5073	5365	-1260	15864	172	16036	3052	19088	49.83
13	5485	1885	141	7511	51	4050	164	5019	5248	-1301	15723	267	15990	3048	19038	49.82
14	5388	1862	140	7390	95	4090	154	4888	5195	-1236	15688	279	15967	2961	18928	49.87
15	5374	1964	138	7476	164	4087	167	4849	5172	-1253	15813	206	16019	3009	19028	49.77
16	5337	2041	140	7518	198	4077	87	4889	5388	-1253	16015	203	16218	3019	19237	49.88
17	5296	1825	140	7261	212	4079	46	4775	4972	-1276	15294	511	15805	3000	18805	49.91
18	5362	834	141	6337	233	4030	22	4411	4506	-1318	13810	348	14158	2941	17099	49.96
19	5372	535	141	6048	366	4078	0	4185	4290	-1190	13592	108	13700	2816	16516	49.88
20	5372	1228	135	6735	373	4110	0	4471	4689	-1177	14730	64	14794	2879	17673	49.82
21	5346	821	143	6310	471	4098	0	4524	4597	-1128	14348	49	14397	2750	17147	49.89
22	5409	408	144	5961	521	4093	0	4446	4543	-1098	14020	34	14054	2616	16670	49.93
23	5427	405	142	5974	516	4115	0	4568	4727	-1048	14284	33	14317	2505	16822	49.87
24	5395	646	142	6183	462	4105	0	4651	5001	-1002	14749	33	14782	2449	17231	49.89
MUs	128.68	31.29	3.43	163.40	7.46	95.28	1.16	109.80	116.74	-23.72	360.31	2.96	363.27	60.89	424.16	49.90

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 08/Apr/2015

Position as on 6.30 Hrs of 09/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	Khaparkhedha 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-1	135	30/10/2014	00.43		Continued.	ESP bag Filter Damaged	
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	
MSPGCL	Uran Unit 8	108	01/04/2015	17.50		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	Parli Unit 4	210	03/04/2015	22.10	08/04/2015	00.17	Condenser Tube Leakage Withdrawn.	
IPP	Adani U-3	660	04/04/2015	02.12	09/04/2015	05.42	Due to Main Steam drain line leakage.	
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	
CENT.SECTOR	TARAPUR-3	540	04/04/2015	20.15		Continued.	Reheater Problem	
MSPGCL	Khaparkhedha Unit 3	210	04/04/2015	22.52		Continued.	Gland Steam Temp. High.	
MSPGCL	Khaparkhedha Unit 4	210	05/04/2015	21.18	08/04/2015	23.56	Fire at HP turbine side.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 08/Apr/2015

Position as on 6.30 Hrs of 09/Apr/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-3	270	05/04/2015	22.01		Continued.	Governor AVR Problem.	
MSPGCL	Koyna Unit 10	80	06/04/2015	08.15		Continued.	To attend leakages.	
TPC-G	Trombay 6	500	06/04/2015	16.27		Continued.	Economic shut down.	
IPP	RPL(AMT) U-2	270	07/04/2015	00.27	08/04/2015	08.52	R-Ph CT Burst of Akola II Ckt.I at IBL.	
MSPGCL	Parli Unit 5	210	08/04/2015	04.15	08/04/2015	05.43	Air heater problem	
MSPGCL	Nasik Unit 5	210	08/04/2015	11.05	08/04/2015	14.50	Turbine Board Flshover	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Apr/2015

Statement-VII

Position as on 6.30 Hrs of 09/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
Koradi-III - Akola-II ckt-I	IntraState	08/04/2015	10.30	08/04/2015	20.47	PO	Annual Maintenance Work
400 KV LINE Outages/Trippings							
Akola II - RPL(Rattanindia) Ckt I	InterState	07/04/2015	00.27		Continued.	T	Over Current Protection
Akola II - RPL(Rattanindia) Ckt-II	InterState	07/04/2015	00.27		Continued.	T	Over Current Protection
Kolhapur Mapusa I	InterState	07/04/2015	18.03	08/04/2015	09.14	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	08/04/2015	22.02		Continued.	HT	Over Voltage
Kolhapur Mapusa II	InterState	09/04/2015	04.06		Continued.	HT	Over Voltage
Koradi-India Bulls	IntraState	07/04/2015	14.08	08/04/2015	00.09	T	CT Cable Checking
Akola-Indiabulls	IntraState	07/04/2015	14.09	08/04/2015	00.03	EO	CT Cable Checking
karad -kolhapur-II	IntraState	07/04/2015	16.41	08/04/2015	07.40	HT	Over Voltage
Karad-Jaigad - I	IntraState	07/04/2015	18.03	08/04/2015	08.23	HT	Over Voltage
New Koyna - Dabhol - li	IntraState	08/04/2015	12.12	08/04/2015	20.22	PO	Annual Maintenance Work
Warora-Chandrapur-II ckt-2	IntraState	08/04/2015	15.15	08/04/2015	18.28	PO	Annual Maintenance Work
karad -kolhapur-I	IntraState	08/04/2015	17.10		Continued.	T	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	08/04/2015	22.45		Continued.	HT	HT For Controlling 400KV BABLESHWER - PADGHA
220 KV LINE Outages/Trippings							
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	Panel Replacemen Work(Outage for 8 Days).open at location 14 b
Waluj - Degaon Rangari	IntraState	31/03/2015	21.40		Continued.	HT	handtripped
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.
Parli 3 (Old Gcr)-Osmanabad	IntraState	07/04/2015	09.46		Continued.	T	Distance Protection
Halkarni - Tillari II	IntraState	07/04/2015	10.30	08/04/2015	19.35	PO	Testing Work
Kharepatan -Pawas Line	IntraState	08/04/2015	09.05	08/04/2015	17.25	PO	insulator cleaning
Uran - Kharghar I	IntraState	08/04/2015	10.19	08/04/2015	16.42	PO	Insulator Replacement Work
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	09/04/2015	03.10	09/04/2015	03.25	T	Distance Protection
Bableshevar- Ranjangaon	IntraState	09/04/2015	05.55		Continued.	HT	Over Voltage
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 @Babhleshwar	IntraState	08/04/2015	09.44	08/04/2015	13.56	PO	Tan Delta Measurment of CTs
132 KV LINE Outages/Trippings							
Kanhan Pench	InterState	08/04/2015	15.25	08/04/2015	15.50	PO	Attending Hot Spot
Chinchwad - Chakan	IntraState	08/04/2015	14.45	08/04/2015	14.50	T	Distance Protection

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