

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 06/Apr/2015 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	120.479	717.050	1) Gujrat	-0.184	-1.860
2) Hydro	28.772	125.045	2) Madhya Pradesh	17.149	108.235
3) Gas	3.432	35.356	3) Chattisgarh	6.460	33.050
Total MSPGCL	152.683	877.451	4) Maharashtra Net	87.331	491.521
B) 1) APMIL	44.920	286.980	5) Goa	-6.726	-37.864
2) JSWEL	22.683	130.712	6) TAPS 1&2 Injection	3.587	21.633
3) VIPL	12.160	63.564	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.700	65.650	8) Pench (MS)	0.002	0.464
5) WPCL	2.710	16.368	9) Pench (Excess)	-0.002	-0.464
6) Other IPP	8.573	53.434	Total	107.615	614.251
C) 1) TPCL Thermal	20.022	117.231	a) Mumbai Schedule	23.378	123.909
2) TPCL Hydro	3.582	14.847	b) Mumbai Drawl	22.291	130.178
3) TPCL Gas	2.222	15.138	c) MSEDCL Bilateral *	23.940	132.383
4) R-INFRA Thermal	12.418	69.164	Include PX	-1.550	-21.317
D) STATE			d) Mumbai Bilateral *	23.378	123.909
1) Thermal	249.665	1520.153	Include PX	0.000	1.001
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	32.354	139.892	H) ENERGY CATERED (MUs)		
3) Gas	5.654	50.494	1) MSEDCL	346.920	2073.145
4) Wind	10.888	86.200	2) Mumbai Discoms	60.534	346.555
6) SOLAR	1.279	8.249	TOTAL STATE	407.454	2419.700
TOTAL STATE	299.840	1804.988			

* 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 16 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5218	5142	4938	4803
MSPGCL Hydro	2226	1829	1005	418
MSPGCL Gas	137	138	145	148
MSPGCL Total Generation	7581	7109	6088	5369
Central Sector Receipt	4925	5166	4213	4040
WIND	100	491	809	522
CPP / IPP	4351	4114	4064	3839
SOLAR	175	112	0	0
Exchange with Mumbai	-1144	-1288	-1110	-404
MSEDCL DEMAND MET	15988	15704	14064	13366
Load Shedding	169	93	39	44
MSEDCL DEMAND	16157	15797	14103	13410
TPCL GENERATION	1383	1221	1054	935
R-INFRA GENERATION	509	517	519	519
MUMBAI DEMAND	3036	3026	2683	1858
STATE DEMAND MET	19024	18730	16747	15224
STATE DEMAND	19193	18823	16786	15268
Frequency (Hz)	49.85	49.91	49.89	49.86

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 17:02 Hrs	49.58 Hz at 14:19 Hrs	49.91	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 06/Apr/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.19	7.27	100	0
Unit 6	0.00	0.00	0	0
Unit 7	3.89	24.11	170	140
Total	4.08	31.38		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.14	23.62	180	0
Unit 4	11.45	50.79	510	375
Unit 5	11.44	60.36	520	380
Total	26.04	134.77		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	9.25	0	0
Unit 5	3.58	21.14	160	140
Unit 6	4.88	28.08	250	173
Unit 7	4.87	28.56	250	187
Total	13.33	87.02		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.27	19.72	140	131
Unit 3	4.60	26.46	200	185
Unit 4	4.56	25.89	196	180
Unit 5	10.35	58.24	450	403
Unit 6	9.46	56.09	420	365
Unit 7	9.80	54.30	439	342
Total	42.04	240.70		
Paras				
Unit 3	4.80	29.90	218	187
Unit 4	0.00	0.00	0	0
Total	4.80	29.90		
Khaparkheda				
Unit 1	4.39	25.42	195	160
Unit 2	0.00	0.44	0	0
Unit 3	0.00	11.38	0	0
Unit 4	0.00	14.80	0	0
Unit 5	12.01	66.27	509	500
Total	16.40	118.31		
Nasik				
Unit 3	4.70	27.25	210	180
Unit 4	4.60	26.86	202	181
Unit 5	4.50	20.86	194	171
Total	13.80	74.97		
Uran				
All Units	3.43	35.36	149	135
Total	3.43	35.36		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.00	0.46	2	0
Total	0.00	0.46		
Koyna				
Stage 1-2	7.73	31.24	560	50
Stage 4	12.00	45.76	1121	0
Stage 3	4.66	17.12	240	0
Total	24.39	94.12		
Hydro				
KDPH	0.66	4.32	37	18
VTRNA	1.06	6.88	61	0
TILLARI	0.39	2.27	64	0
BHTGR/VEER	0.06	0.35	3	2
BHIRA T.R.	0.00	0.80	0	0
RNGR+BHTSA	0.30	1.14	13	12
BHANDARDRA	0.50	3.00	45	11
ELDARY	0.00	0.72	0	0
SMLHY_PTN	1.07	5.82	45	44
GHATGHAR	0.35	5.63	125	0
Total	4.38	30.92		
Wind				
Total	10.89	86.20	0	0
Total	10.89	86.20		
CPP				
APML(Mus)	44.92	286.98	0	0
JSWEL(Mus)	22.68	130.71	0	0
VIPL(Mus)	12.16	63.56	0	0
RPLAMT(Mus)	5.70	65.65	0	0
WPCL(Mus)	2.71	16.37	0	0
Other(Mus)	8.57	53.43	0	0
Total	96.75	616.71		
SOLAR				
Total	1.28	8.25	0	0
Total	1.28	8.25		
Tata				
Trombay 5	11.66	63.18	492	432
Trombay 6	2.40	19.93	147	0
Trombay 7A	1.23	8.46	60	49
Trombay 7B	0.99	6.68	48	40
Trombay 8	5.96	34.13	250	247
TATA Hydro	3.58	14.85	453	0
Total	25.83	147.22		
R-INFRA				
1-2	12.42	69.16	520	509
Total	12.42	69.16		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	120.48	717.05
MSPGCL Thml+Gas	123.91	752.41

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	28.77	125.04
MSPGCL Total	152.68	877.45

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	19.73	77.00
State Total	299.84	1804.99

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/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	4790	1534	148	6472	478	3819	0	3925	4034	-735	14068	59	14127	2237	16364	49.92
2	4802	1196	149	6147	535	3815	0	3965	4052	-544	14005	44	14049	2044	16093	49.95
3	4777	741	149	5667	560	3828	0	3965	3856	-443	13468	44	13512	1938	15450	49.96
4	4803	418	148	5369	522	3839	0	3967	4040	-404	13366	44	13410	1858	15268	49.86
5	4778	601	148	5527	425	3840	0	3974	4148	-354	13586	44	13630	1849	15479	49.95
6	4862	810	148	5820	387	3950	0	3979	4230	-404	13983	55	14038	1908	15946	49.83
7	5035	1347	146	6528	307	4086	1	4010	4681	-519	15084	56	15140	2014	17154	50.00
8	4979	958	146	6083	176	4095	30	4124	5119	-630	14873	56	14929	2132	17061	49.95
9	5027	884	140	6051	157	4119	82	4443	5230	-800	14839	57	14896	2394	17290	49.88
10	5138	1598	138	6874	106	4068	129	4594	5510	-948	15739	56	15795	2725	18520	49.89
11	5160	2227	136	7523	60	4138	145	4785	4989	-992	15863	56	15919	2931	18850	49.80
12	5218	2226	137	7581	100	4351	175	5074	4925	-1144	15988	169	16157	3036	19193	49.85
13	5274	2033	137	7444	179	3873	174	4997	4823	-1168	15325	253	15578	3044	18622	49.86
14	5265	1409	138	6812	311	4099	169	5012	5088	-1216	15263	252	15515	2963	18478	49.92
15	5264	1652	135	7051	438	4092	152	4943	4874	-1248	15359	183	15542	2990	18532	49.79
16	5142	1829	138	7109	491	4114	112	4938	5166	-1288	15704	93	15797	3026	18823	49.91
17	5093	1838	140	7071	525	4100	77	4475	4593	-1358	15008	92	15100	3012	18112	49.96
18	5151	863	141	6155	773	4129	31	3819	3727	-1444	13371	94	13465	2879	16344	50.06
19	5011	521	142	5674	789	4097	2	3680	3537	-1304	12795	54	12849	2763	15612	49.96
20	4921	955	144	6020	723	4053	0	4336	4199	-1111	13884	45	13929	2777	16706	49.87
21	4938	1005	145	6088	809	4064	0	4407	4213	-1110	14064	39	14103	2683	16786	49.89
22	4969	695	146	5810	731	4051	0	4108	4058	-1019	13631	39	13670	2517	16187	49.90
23	5037	479	146	5662	679	3986	0	3928	4239	-1087	13479	39	13518	2447	15965	49.88
24	5045	953	147	6145	627	4140	0	3829	4284	-1021	14175	39	14214	2370	16584	49.91
MUs	120.48	28.77	3.43	152.68	10.89	96.75	1.28	103.28	107.61	-22.29	346.92	1.96	348.88	60.54	409.42	49.91

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 06/Apr/2015

Position as on 6.30 Hrs of 07/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	Paras Unit 4	250	05/03/2015	00.00		Continued.	Annual Overhaul	
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-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		Continued.	Condenser Tube Leakage Withdrawn.	
IPP	Adani U-3	660	04/04/2015	02.12		Continued.	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	Khaparkheda Unit 3	210	04/04/2015	22.52		Continued.	Gland Steam Temp. High.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 06/Apr/2015

Position as on 6.30 Hrs of 07/Apr/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 4	210	05/04/2015	21.18		Continued.	Fire at HP turbine side.	
MSPGCL	Koradi Unit 5	200	05/04/2015	21.27	06/04/2015	21.18	L.T.Board Supply Fail.	
IPP	RPL(AMT) U-3	270	05/04/2015	22.01		Continued.	Governor AVR Problem.	
MSPGCL	Koyana 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.	
MSPGCL	Bhusawal Unit 3	210	06/04/2015	18.46	07/04/2015	00.41	R-Ph CT Burst of 132KV Muktinagar feeder at BSL.	
IPP	RPL(AMT) U-2	270	07/04/2015	00.27		Continued.	R-Ph CT Burst of Akola II Ckt.I at IBL.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/Apr/2015

Statement-VII

Position as on 6.30 Hrs of 07/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							
Dhule Sar'Sarovar II	InterState	05/04/2015	14.17	06/04/2015	08.20	PO	To attend hot spot at SSP end.
Kolhapur Mapusa I	InterState	05/04/2015	16.40	06/04/2015	09.40	HT	Over Voltage
Kolhapur Mapusa II	InterState	06/04/2015	16.37		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	06/04/2015	18.17		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	05/04/2015	16.11	06/04/2015	07.24	HT	Over Voltage
Karad - Jaigad - II	IntraState	05/04/2015	16.15	06/04/2015	07.30	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	05/04/2015	18.05	06/04/2015	06.32	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	05/04/2015	21.19		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	06/04/2015	16.34		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	06/04/2015	16.36		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 105 MVA Spare ICT @Kharghar	IntraState	03/04/2015	10.57		Continued.	PO	Attending Oil Leakages of ICT
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	Pannel 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.
Kalwa-Salsette-IV	IntraState	05/04/2015	23.30	06/04/2015	04.00	PO	Relay testing by TATA.
Bableshwar- Alephata	IntraState	06/04/2015	06.04	06/04/2015	17.11	HT	ICT Loading Problem.
Bableshwar- Ranjangaon	IntraState	06/04/2015	06.23	06/04/2015	17.07	HT	ICT Loading Problem.
Hinjawadi I- Chinchwad	IntraState	06/04/2015	08.52	06/04/2015	17.33	HT	To control Urse line loading.
Kharepatan -Pawas Line	IntraState	06/04/2015	09.08	06/04/2015	18.22	PO	Insulator cleaning work.
Deoli(Pgcil)-Badnera	IntraState	06/04/2015	10.23	06/04/2015	12.50	HT	O/D as per WRLDC.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
110 KV LINE Outages/Trippings							
Kalyan Kalwa Salsette 2	IntraState	06/04/2015	08.20	06/04/2015	18.43	PO	Hot Spot attending work.

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