

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 11/Apr/2016 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	101.769	1071.501	1) Gujrat	-5.265	-48.952
2) Hydro	12.069	114.757	2) Madhya Pradesh	14.758	153.418
3) Gas	10.558	109.859	3) Chattisgarh	8.190	85.200
Total MSPGCL	124.396	1296.117	4) Maharashtra Net	106.044	1112.886
B) 1) APMIL	66.335	719.964	5) Goa (Amona)	-0.674	-5.574
2) JSWEL	26.574	285.178	6) TAPS 1&2 Injection	3.686	40.417
3) VIPL	14.110	148.465	7) RGPPL Injection	11.586	128.689
4) RPL(AMT)	12.326	172.009	8) Pench (MS)	0.100	1.869
5) WPCL	4.613	49.393	9) Pench (Excess)	-0.100	-1.869
6) Other IPP	7.636	85.480	Total	138.225	1464.215
C) 1) TPCL Thermal	16.947	172.123	a) Mumbai Schedule	29.703	292.563
2) TPCL Hydro	4.692	33.622	b) Mumbai Drawl	31.481	329.718
3) TPCL Gas	4.226	44.507	c) MSEDCL Bilateral *	36.230	345.734
4) R-INFRA Thermal	5.918	62.959	Include PX	-1.031	-47.101
D) STATE			d) Mumbai Bilateral *	29.703	292.563
1) Thermal	256.228	2767.072	Include PX	7.096	60.140
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	16.761	148.379	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	14.784	154.366	1) MSEDCL	376.252	4033.828
4) Wind	12.168	128.799	2) Mumbai Discoms	63.264	642.931
6) SOLAR	1.350	13.926	TOTAL STATE	439.516	4676.759
TOTAL STATE	301.291	3212.542			

* 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 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	4437	4378	4436	3842
MSPGCL Hydro	679	1196	629	110
MSPGCL Gas	432	422	446	453
MSPGCL Total Generation	5548	5996	5511	4405
Central Sector Receipt	6163	6430	5797	5378
WIND	392	314	422	658
CPP / IPP	5530	5526	5580	5366
SOLAR	201	124	0	0
Exchange with Mumbai	-1578	-1641	-1368	-970
MSEDCL DEMAND MET	16256	16749	15942	14837
Load Shedding	0	0	0	0
MSEDCL DEMAND	16256	16749	15942	14837
TPCL GENERATION	1360	1287	1238	699
R-INFRA GENERATION	250	249	258	202
MUMBAI DEMAND	3188	3177	2864	1871
STATE DEMAND MET	19444	19926	18806	16708
STATE DEMAND	19444	19926	18806	16708
Frequency (Hz)	49.94	49.93	49.88	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 13.01 Hrs	49.66 Hz at 20.34 Hrs	49.94	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 11/Apr/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Bhusawal				
Unit 2	3.72	42.22	165	145
Unit 3	4.18	44.64	185	160
Unit 4	11.60	118.74	510	350
Unit 5	10.31	117.51	510	0
Total	29.81	323.11		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	4.58	49.05	199	173
Unit 4	4.38	47.50	189	168
Unit 5	10.44	110.96	450	370
Unit 6	0.00	0.00	0	0
Unit 7	9.73	89.38	450	360
Total	29.14	296.89		
Paras				
Unit 3	6.01	63.88	260	230
Unit 4	5.56	63.28	259	187
Total	11.57	127.16		
Khaparkheda				
Unit 1	4.16	40.91	185	155
Unit 2	4.12	44.82	180	135
Unit 3	4.63	47.89	205	160
Unit 4	4.80	49.50	210	160
Unit 5	0.00	0.00	0	0
Total	17.72	183.11		
Nasik				
Unit 3	4.60	47.22	205	165
Unit 4	4.49	46.88	198	165
Unit 5	4.45	47.12	200	162
Total	13.54	141.23		
Uran				
All Units	10.56	109.86	467	422
Total	10.56	109.86		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.10	1.87	25	0
Total	0.10	1.87		
Koyna				
Stage 1-2	5.40	44.88	445	40
Stage 4	3.00	20.34	655	0
Stage 3	1.15	14.33	160	0
Total	9.55	79.55		
Hydro				
KDPH	0.72	7.40	30	30
VTRNA	0.60	5.55	61	0
TILLARI	0.00	1.72	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.11	2.02	40	0
RNGR+BHTSA	0.22	2.38	11	0
BHANDARDRA	0.00	0.57	0	0
ELDARY	0.00	0.69	0	0
SMLHY_PTN	0.66	9.26	28	27
GHATGHAR	0.21	5.62	125	0
Total	2.52	35.21		
Wind				
Total	12.17	128.80	0	0
Total	12.17	128.80		
CPP				
APML(Mus)	66.34	719.96	0	0
JSWEL(Mus)	26.57	285.18	0	0
VIPL(Mus)	14.11	148.46	0	0
RPLAMT(Mus)	12.33	172.01	0	0
WPCL(Mus)	4.61	49.39	0	0
Other(Mus)	7.64	85.48	0	0
Total	131.59	1460.49		
SOLAR				
Total	1.35	13.93	0	0
Total	1.35	13.93		
Tata				
Trombay 5	11.15	109.53	487	317
Trombay 6	0.00	0.06	0	0
Trombay 7A	2.68	27.87	115	105
Trombay 7B	1.55	16.64	66	62
Trombay 8	5.80	62.53	247	202
TATA Hydro	4.69	33.62	459	0
Total	25.86	250.25		
R-INFRA				
1-2	5.92	62.96	260	202
Total	5.92	62.96		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 8	0.00	0.00	MSPGCL Thermal	101.77	1071.50	MSPGCL Total	124.40	1296.12
Chandrapur 9	0.00	0.00	MSPGCL Thml+Gas	112.33	1181.36	Koyna 1,2 & 4 Total	8.40	65.22
Koradi 9	0.00	0.00	MSPGCL Hydro	12.07	114.76	State Total	301.29	3212.54
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 11/Apr/2016

Annexure-2

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	4330	386	450	5166	412	5528	0	5504	5347	-1236	15217	0	15217	2394	17611	49.92
2	4353	151	461	4965	452	5523	0	5510	5243	-1009	15174	0	15174	2165	17339	49.96
3	4148	102	440	4690	553	5382	0	5390	5090	-924	14791	0	14791	2022	16813	49.98
4	3831	107	461	4399	640	5364	0	5350	5382	-944	14841	0	14841	1910	16751	49.97
5	3842	110	453	4405	658	5366	0	5340	5378	-970	14837	0	14837	1871	16708	49.97
6	4084	193	452	4729	642	5377	0	5360	5573	-862	15459	0	15459	1959	17418	49.91
7	4266	213	456	4935	673	5498	5	5455	5548	-871	15788	0	15788	2037	17825	49.96
8	4373	247	453	5073	612	5492	28	5571	5544	-1019	15730	0	15730	2185	17915	49.97
9	4389	235	467	5091	625	5487	80	5848	5809	-1240	15852	0	15852	2429	18281	50.01
10	4388	210	424	5022	638	5509	125	6045	6187	-1439	16042	0	16042	2786	18828	49.93
11	4374	690	424	5488	569	5529	163	6092	6010	-1504	16255	0	16255	3111	19366	49.94
12	4437	679	432	5548	392	5530	201	6235	6163	-1578	16256	0	16256	3188	19444	49.94
13	4445	519	422	5386	298	5528	175	6236	6414	-1593	16208	0	16208	3203	19411	49.92
14	4428	594	432	5454	228	5479	175	6117	6346	-1551	16131	0	16131	3108	19239	49.98
15	4420	971	422	5813	302	5522	164	6162	5999	-1579	16221	0	16221	3146	19367	49.89
16	4378	1196	422	5996	314	5526	124	6181	6430	-1641	16749	0	16749	3177	19926	49.93
17	4378	891	425	5694	401	5482	70	6061	5940	-1569	16018	0	16018	3129	19147	49.89
18	3980	202	428	4610	393	5313	35	5883	6236	-1495	15092	0	15092	3024	18116	49.90
19	4058	470	435	4963	462	5149	5	5641	5888	-1441	15026	0	15026	2850	17876	49.97
20	4436	629	446	5511	422	5580	0	5884	5797	-1368	15942	0	15942	2864	18806	49.88
21	4438	425	430	5293	592	5602	0	5969	5613	-1366	15734	0	15734	2741	18475	49.86
22	4195	556	431	5182	605	5635	0	5301	5440	-1362	15500	0	15500	2668	18168	49.91
23	3906	1164	448	5518	633	5601	0	5307	5340	-1448	15644	0	15644	2652	18296	49.91
24	3892	1129	444	5465	652	5589	0	5704	5508	-1472	15742	0	15742	2645	18387	49.94
MUs	101.77	12.07	10.56	124.40	12.17	131.59	1.35	138.15	138.23	-31.48	376.25	0.00	376.25	63.26	439.52	49.94

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 11/Apr/2016

Position as on 6.30 Hrs of 12/Apr/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown,(AOH for 06.03.2016 To 04.04.2016) Unit Test synchronised 07.04.2016 (12.03hrs To 12.30hrs)After overhaul	
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
MSPGCL	Khaparkheda Unit 5	500	15/03/2016	01.12		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
RGPL	Dabhol 3B	230	07/01/2016	17:51		Continued.	Change Over.	
MSPGCL	Chandrapur Unit 2	210	12/01/2016	04.47		Continued.	Boiler Tube Leakage	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	Change Over , No Schedule	
MSPGCL	Koradi Unit 5	200	18/02/2016	11.21		Continued.	MSEDCL Zero Shedule.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
MSPGCL	Koradi Unit 7	210	01/03/2016	23.55		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Chandrapur Unit 6	500	05/03/2016	10.15		Continued.	Turbine bearing Vabration high	
MSPGCL	Koradi Unit-8	660	10/03/2016	12.30		Continued.	Ash Evacuation problem	
MSPGCL	Koyna Unit 11	80	11/03/2016	13.53		Continued.	stator earth fault	
RINFRA-G	REL Unit 2	250	18/03/2016	08.39		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-1	270	20/03/2016	00.00		Continued.	Zero schedule by MSEDCL	
MSPGCL	Koradi Unit 9	660	21/03/2016	00.47		Continued.	Ash Evacuation problem	
IPP	RPL(AMT) U-5	270	03/04/2016	00.00		Continued.	Zero Shedule By MSEDCL.	
RGPL	Dabhol 2B	230	07/04/2016	14.02		Continued.	P.M.Work	
IPP	RPL(AMT) U-4	270	08/04/2016	04.02		Continued.	Zero Schedule by MSEDCL.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 11/Apr/2016

Position as on 6.30 Hrs of 12/Apr/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 8	108	08/04/2016	08.40		Continued.	Gas shortage	
MSPGCL	Bhusawal Unit 5	500	11/04/2016	21.31	12/04/2016	03.22	Boiler Feed Pump Tripped	
MSPGCL	Chandrapur Unit 4	210	12/04/2016	01.28		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 11/Apr/2016

Statement-VII

Position as on 6.30 Hrs of 12/Apr/2016

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							
Dhule Sar'Sarovar II	InterState	09/04/2016	09.15	11/04/2016	09.28	HT	Insulator String Replacement Work(RFC 16.45/9-4-16)
Kolhapur Solapur (PG) II	InterState	10/04/2016	17.25	11/04/2016	08.02	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	11/04/2016	18.01		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	04/04/2016	17.27		Continued.	HT	Change Over
Bhusawal-Aurangabad	IntraState	07/04/2016	17.05	11/04/2016	07.30	HT	Over Voltage
karad -kolhapur-II	IntraState	10/04/2016	16.07	11/04/2016	07.39	HT	Over Voltage
Karad-Jaigad - I	IntraState	10/04/2016	17.03	11/04/2016	09.03	HT	Over Voltage
karad -kolhapur-I	IntraState	11/04/2016	18.07	11/04/2016	20.55	HT	Over Voltage
Karad - Jaigad - II	IntraState	11/04/2016	18.10		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	11/04/2016	20.55		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	11/04/2016	20.57		Continued.	EO	To attend Hot Spot
400 KV ICT Outages/Trippings							
400/220kv 315 MVA ICT I @ Kolhapur	IntraState	11/04/2016	16.27	11/04/2016	19.58	PO	Attending Oil Leakage
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	10/04/2016	11.25		Continued.	HT	To control Load of Bus Coupler
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 de-energising 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 de-energising the line bet.86 to 107.
Kalwa - Borivali	IntraState	10/01/2016	09:15		Continued.	PO	Tower Erection Work.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Padghe - Vasai	IntraState	24/01/2016	08.32		Continued.	PO	For Formation of Temp. Padgha-Borivali (Charge upto 51/1).
Babhleshwar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Babhleshwar- Alephata	IntraState	19/03/2016	19.44		Continued.	HT	To control BBLSR ICT Loading
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	11/04/2016	10.06	11/04/2016	12.48	PO	Routine Maintenance Work
Kalwa-Salsette-VI	IntraState	11/04/2016	10.39	11/04/2016	20.15	HT	To avoid Load Trimming in Mumbai System
Kandalgaon - Bhira	IntraState	11/04/2016	12.13	11/04/2016	23.30	PO	CT Replacement
Pedambe-Nerle	IntraState	11/04/2016	13.10		Continued.	PO	CT Oil Leakage
Main Bus I @ Parli Ext.	IntraState	11/04/2016	14.42	11/04/2016	17.40	PO	Reol.of TBC Isolator
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)
220/132 Kv 200 Mva ICT-I @Girwali	IntraState	11/04/2016	08.35	11/04/2016	09.55	PO	Tan Delta Measurment of CTs
220/132 kv 200MVA ICT II @ Girwali	IntraState	11/04/2016	10.00	11/04/2016	12.03	PO	Tan Delta Measurment of CTs
220/132 KV 200MVA ICT II @ Tilwani	IntraState	11/04/2016	10.03	11/04/2016	13.37	PO	Routine Maintenance Work

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