

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Apr/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	102.964	969.732	1) Gujrat	-6.924	-43.687
2) Hydro	16.145	102.688	2) Madhya Pradesh	13.319	138.660
3) Gas	10.639	99.301	3) Chattisgarh	7.340	77.010
Total MSPGCL	129.748	1171.721	4) Maharashtra Net	96.532	1006.842
B) 1) APLM	62.581	653.629	5) Goa (Amona)	-0.424	-4.900
2) JSWEL	26.103	258.604	6) TAPS 1&2 Injection	3.794	36.731
3) VIPL	14.242	134.355	7) RGPPL Injection	11.615	117.103
4) RPL(AMT)	12.948	159.683	8) Pench (MS)	0.041	1.769
5) WPCL	4.540	44.780	9) Pench (Excess)	-0.041	-1.769
6) Other IPP	8.018	77.844	Total	125.211	1325.990
C) 1) TPCL Thermal	17.084	155.176	a) Mumbai Schedule	23.271	262.860
2) TPCL Hydro	0.089	28.930	b) Mumbai Drawl	25.117	298.237
3) TPCL Gas	3.941	40.281	c) MSEDCL Bilateral *	28.838	309.504
4) R-INFRA Thermal	6.155	57.041	Include PX	-7.474	-46.070
D) STATE			d) Mumbai Bilateral *	23.271	262.860
1) Thermal	254.635	2510.844	Include PX	5.206	53.044
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	16.234	131.618	H) ENERGY CATERED (MUs)		
3) Gas	14.580	139.582	1) MSEDCL	369.383	3657.576
4) Wind	9.760	116.631	2) Mumbai Discoms	52.386	579.667
6) SOLAR	1.349	12.576	TOTAL STATE	421.769	4237.243
TOTAL STATE	296.558	2911.251			

* 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 4 Hrs
MSPGCL Thermal	4361	4387	4118	4312
MSPGCL Hydro	910	1164	1034	250
MSPGCL Gas	425	413	424	458
MSPGCL Total Generation	5696	5964	5576	5020
Central Sector Receipt	5704	5926	5123	4633
WIND	185	306	633	294
CPP / IPP	5530	4862	5406	5549
SOLAR	184	114	0	0
Exchange with Mumbai	-1132	-1109	-1207	-811
MSEDCL DEMAND MET	16167	16063	15531	14685
Load Shedding	0	0	0	0
MSEDCL DEMAND	16167	16063	15531	14685
TPCL GENERATION	901	897	881	849
R-INFRA GENERATION	255	259	257	259
MUMBAI DEMAND	2288	2265	2345	1919
STATE DEMAND MET	18455	18328	17876	16604
STATE DEMAND	18455	18328	17876	16604
Frequency (Hz)	49.97	50.00	49.92	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 06:02 Hrs	49.77 Hz at 05:24 Hrs	49.95	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 10/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	3.74	38.50	165	145
Unit 3	4.21	40.46	180	160
Unit 4	12.03	107.14	510	440
Unit 5	12.00	107.20	525	400
Total	31.98	293.30		
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	4.42	44.46	197	163
Unit 4	4.34	43.13	190	165
Unit 5	10.22	100.52	445	405
Unit 6	0.00	0.00	0	0
Unit 7	9.55	79.64	405	389
Total	28.54	267.76		
Paras				
Unit 3	6.08	57.87	264	241
Unit 4	4.77	57.72	262	0
Total	10.85	115.59		
Khaparkheda				
Unit 1	4.22	36.74	185	170
Unit 2	4.22	40.70	180	170
Unit 3	4.59	43.26	198	175
Unit 4	4.71	44.70	209	180
Unit 5	0.00	0.00	0	0
Total	17.74	165.39		
Nasik				
Unit 3	4.66	42.62	205	165
Unit 4	4.58	42.39	200	168
Unit 5	4.62	42.68	201	164
Total	13.86	127.69		
Uran				
All Units	10.64	99.30	466	413
Total	10.64	99.30		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.04	1.77	25	0
Total	0.04	1.77		
Koyna				
Stage 1-2	5.76	39.48	495	40
Stage 4	5.16	17.34	500	0
Stage 3	2.85	13.19	160	0
Total	13.77	70.00		
Hydro				
KDPH	0.72	6.68	30	30
VTRNA	0.47	4.95	61	0
TILLARI	0.00	1.72	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	1.91	40	0
RNGR+BHTSA	0.22	2.16	10	0
BHANDARDRA	0.00	0.57	0	0
ELDARY	0.00	0.69	0	0
SMLHY_PTN	0.70	8.59	30	29
GHATGHAR	0.15	5.41	120	0
Total	2.38	32.68		
Wind				
Total	9.76	116.63	0	0
Total	9.76	116.63		
CPP				
APML(Mus)	62.58	653.63	0	0
JSWEL(Mus)	26.10	258.60	0	0
VIPL(Mus)	14.24	134.36	0	0
RPLAMT(Mus)	12.95	159.68	0	0
WPCL(Mus)	4.54	44.78	0	0
Other(Mus)	8.02	77.84	0	0
Total	128.43	1328.90		
SOLAR				
Total	1.35	12.58	0	0
Total	1.35	12.58		
Tata				
Trombay 5	11.21	98.38	488	392
Trombay 6	0.00	0.06	0	0
Trombay 7A	2.46	25.19	113	90
Trombay 7B	1.48	15.09	66	57
Trombay 8	5.87	56.73	248	241
TATA Hydro	0.09	28.93	45	0
Total	21.11	224.39		
R-INFRA				
1-2	6.16	57.04	260	221
Total	6.16	57.04		

* 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	102.96	969.73	MSPGCL Total	129.75	1171.72
Chandrapur 9	0.00	0.00	MSPGCL Thml+Gas	113.60	1069.03	Koyna 1,2 & 4 Total	10.92	56.82
Koradi 9	0.00	0.00	MSPGCL Hydro	16.14	102.69	State Total	296.56	2911.25
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 10/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	4339	950	460	5749	405	5531	0	5122	5106	-1274	15517	0	15517	2388	17905	49.90
2	4338	636	454	5428	382	5542	0	5146	4782	-1050	15084	0	15084	2172	17256	49.93
3	4348	350	465	5163	353	5543	0	4813	4906	-900	15065	0	15065	2020	17085	49.92
4	4312	250	458	5020	294	5549	0	4729	4633	-811	14685	0	14685	1919	16604	49.95
5	4349	175	463	4987	318	5531	0	4692	4848	-810	14874	0	14874	1859	16733	49.91
6	4345	479	453	5277	427	5525	0	4682	4907	-784	15352	0	15352	1889	17241	49.93
7	4376	602	466	5444	544	5495	2	5184	5154	-751	15888	0	15888	1888	17776	50.00
8	4327	514	456	5297	432	5522	37	5200	5164	-744	15708	0	15708	1889	17597	49.96
9	4379	501	455	5335	335	5532	79	5271	5456	-822	15915	0	15915	1962	17877	49.96
10	4369	570	447	5386	260	5532	139	5378	5471	-924	15864	0	15864	2088	17952	49.99
11	4366	865	425	5656	202	5513	162	5558	5676	-1050	16159	0	16159	2207	18366	49.95
12	4361	910	425	5696	185	5530	184	5698	5704	-1132	16167	0	16167	2288	18455	49.97
13	4362	1011	434	5807	225	4956	196	5722	5794	-1170	15808	0	15808	2331	18139	49.98
14	4398	890	436	5724	265	4988	177	5698	5783	-1130	15807	0	15807	2288	18095	50.01
15	4384	1001	424	5809	270	4883	154	5700	5907	-1133	15890	0	15890	2288	18178	49.96
16	4387	1164	413	5964	306	4862	114	5696	5926	-1109	16063	0	16063	2265	18328	50.00
17	4352	614	429	5395	386	4870	73	5636	5784	-1057	15451	0	15451	2209	17660	49.97
18	4136	382	428	4946	562	4943	30	4887	4932	-1006	14407	0	14407	2146	16553	49.99
19	3822	217	454	4493	704	5090	2	4860	4870	-992	14167	0	14167	2140	16307	49.95
20	4118	1034	424	5576	633	5406	0	4882	5123	-1207	15531	0	15531	2345	17876	49.92
21	4145	961	447	5553	569	5490	0	4872	4801	-1301	15112	0	15112	2436	17548	49.92
22	4165	654	433	5252	708	5527	0	4574	4678	-1261	14904	0	14904	2387	17291	49.93
23	4211	591	445	5247	552	5523	0	4665	4855	-1310	14867	0	14867	2435	17302	49.97
24	4275	824	445	5544	443	5546	0	4733	4951	-1389	15095	0	15095	2547	17642	49.94
MUs	102.96	16.14	10.64	129.75	9.76	128.43	1.35	123.40	125.21	-25.12	369.38	0.00	369.38	52.39	421.77	49.95

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 10/Apr/2016

Position as on 6.30 Hrs of 11/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 10/Apr/2016

Position as on 6.30 Hrs of 11/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	
IPP	Adani U-3	660	10/04/2016	12.05	10/04/2016	17.08	Turbine Protection operated	
MSPGCL	Paras Unit 4	250	10/04/2016	18.04	10/04/2016	22.36	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Apr/2016

Statement-VII

Position as on 6.30 Hrs of 11/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		Continued.	HT	Insulator String Replacement Work(RFC 16.45/9-4-16)
Kolhapur Solapur (PG) II	InterState	10/04/2016	17.25		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		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	09/04/2016	16.29	10/04/2016	09.18	HT	Over Voltage
Karad - Jaigad - II	IntraState	09/04/2016	16.44	10/04/2016	09.15	HT	Over Voltage
karad -kolhapur-II	IntraState	10/04/2016	16.07		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	10/04/2016	17.03		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	10/04/2016	07.34	10/04/2016	14.35	EO	To attend Hot Spot
220 KV LINE Outages/Trippings							
Borivali - Tarapur	InterState	10/04/2016	06.30	10/04/2016	17.20	PO	For safety clearance for carry out construction work of Kalwa-Borivali line
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).
Bableswhar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Bableswhar- Alephata	IntraState	19/03/2016	19.44		Continued.	HT	To control BBLSR ICT Loading
Apta - Kalwa	IntraState	08/04/2016	10.25	10/04/2016	20.13	PO	Replacement of OLD Tower
K'Kheda- Suryalakshmi	IntraState	10/04/2016	10.37	10/04/2016	17.45	PO	CT Replacement
Apta - Taloja	IntraState	10/04/2016	14.58	10/04/2016	20.05	PO	Line Maintenance work
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)

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