

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Apr/2016 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	92.764	92.764	1) Gujrat	-2.290	-2.290
2) Hydro	6.329	6.329	2) Madhya Pradesh	14.440	14.440
3) Gas	7.720	7.720	3) Chattisgarh	7.880	7.880
Total MSPGCL	106.813	106.813	4) Maharashtra Net	100.535	100.535
B) 1) APLM	63.407	63.407	5) Goa (Amona)	-0.038	-0.038
2) JSWEL	22.126	22.126	6) TAPS 1&2 Injection	3.586	3.586
3) VIPL	11.799	11.799	7) RGPPL Injection	12.495	12.495
4) RPL(AMT)	19.088	19.088	8) Pench (MS)	0.367	0.367
5) WPCL	4.409	4.409	9) Pench (Excess)	-0.367	-0.367
6) Other IPP	8.152	8.152	Total	136.241	136.241
C) 1) TPCL Thermal	15.531	15.531	a) Mumbai Schedule	26.475	26.475
2) TPCL Hydro	3.505	3.505	b) Mumbai Drawl	31.743	31.743
3) TPCL Gas	4.360	4.360	c) MSEDCL Bilateral *	35.731	35.731
4) R-INFRA Thermal	5.252	5.252	Include PX	-1.682	-1.682
D) STATE			d) Mumbai Bilateral *	26.475	26.475
1) Thermal	242.528	242.528	Include PX	5.465	5.465
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	9.834	9.834	H) ENERGY CATERED (MUs)		
3) Gas	12.080	12.080	1) MSEDCL	356.518	356.518
4) Wind	14.816	14.816	2) Mumbai Discoms	60.391	60.391
6) SOLAR	1.410	1.410	TOTAL STATE	416.909	416.909
TOTAL STATE	280.668	280.668			

* 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	4384	3811	3602	3643
MSPGCL Hydro	352	272	915	123
MSPGCL Gas	303	431	447	196
MSPGCL Total Generation	5039	4514	4964	3962
Central Sector Receipt	6011	6093	5949	5161
WIND	366	461	529	1031
CPP / IPP	5519	5717	5188	5143
SOLAR	166	135	0	0
Exchange with Mumbai	-1562	-1487	-1394	-947
MSEDCL DEMAND MET	15539	15433	15236	14350
Load Shedding	0	0	0	0
MSEDCL DEMAND	15539	15433	15236	14350
TPCL GENERATION	1226	1236	1175	715
R-INFRA GENERATION	201	259	200	201
MUMBAI DEMAND	2989	2982	2769	1863
STATE DEMAND MET	18528	18415	18005	16213
STATE DEMAND	18528	18415	18005	16213
Frequency (Hz)	49.94	49.95	49.87	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.28 Hz at 18.02 Hrs	49.68 Hz at 19.09 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 01/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	3.90	3.90	170	155
Unit 3	3.98	3.98	170	160
Unit 4	9.52	9.52	500	340
Unit 5	9.52	9.52	500	350
Total	26.92	26.92		
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	4.24	4.24	200	164
Unit 4	4.18	4.18	190	164
Unit 5	9.39	9.39	460	360
Unit 6	0.00	0.00	0	0
Unit 7	9.21	9.21	445	346
Total	27.02	27.02		
Paras				
Unit 3	5.35	5.35	253	186
Unit 4	5.37	5.37	250	190
Total	10.72	10.72		
Khaparkheda				
Unit 1	3.90	3.90	175	150
Unit 2	3.93	3.93	180	155
Unit 3	4.03	4.03	190	160
Unit 4	4.08	4.08	204	155
Unit 5	0.00	0.00	0	0
Total	15.94	15.94		
Nasik				
Unit 3	4.04	4.04	195	160
Unit 4	4.07	4.07	196	159
Unit 5	4.08	4.08	201	162
Total	12.18	12.18		
Uran				
All Units	7.72	7.72	447	187
Total	7.72	7.72		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.37	0.37	40	0
Total	0.37	0.37		
Koyna				
Stage 1-2	1.98	1.98	430	40
Stage 4	0.18	0.18	178	0
Stage 3	0.62	0.62	160	0
Total	2.79	2.79		
Hydro				
KDPH	0.75	0.75	32	31
VTRNA	0.00	0.00	0	0
TILLARI	0.24	0.24	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	0.18	40	0
RNGR+BHTSA	0.22	0.22	12	0
BHANDARDRA	0.17	0.17	34	0
ELDARY	0.22	0.22	10	8
SMLHY_PTN	0.80	0.80	34	33
GHATGHAR	0.97	0.97	250	0
Total	3.54	3.54		
Wind				
Total	14.82	14.82	0	0
Total	14.82	14.82		
CPP				
APML(Mus)	63.41	63.41	0	0
JSWEL(Mus)	22.13	22.13	0	0
VIPL(Mus)	11.80	11.80	0	0
RPLAMT(Mus)	19.09	19.09	0	0
WPCL(Mus)	4.41	4.41	0	0
Other(Mus)	8.15	8.15	0	0
Total	128.98	128.98		
SOLAR				
Total	1.41	1.41	0	0
Total	1.41	1.41		
Tata				
Trombay 5	10.03	10.03	490	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	2.76	125	113
Trombay 7B	1.60	1.60	69	65
Trombay 8	5.50	5.50	247	198
TATA Hydro	3.50	3.50	364	16
Total	23.40	23.40		
R-INFRA				
1-2	5.25	5.25	260	200
Total	5.25	5.25		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	92.76	92.76
MSPGCL Thml+Gas	100.48	100.48

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	6.33	6.33
MSPGCL Total	106.81	106.81

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.16	2.16
State Total	280.67	280.67

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/Apr/2016

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	3627	152	277	4056	1049	5354	0	5459	5770	-1427	14802	0	14802	2326	17128	49.98
2	3645	129	196	3970	975	5369	0	5465	5160	-1189	14285	0	14285	2090	16375	49.98
3	3654	118	187	3959	952	5347	0	5304	5140	-1036	14362	0	14362	1947	16309	49.99
4	3643	123	196	3962	1031	5143	0	5176	5161	-947	14350	0	14350	1863	16213	49.99
5	3647	128	188	3963	979	5073	0	5146	5325	-923	14417	0	14417	1840	16257	49.95
6	3998	232	187	4417	883	4837	0	5262	5211	-946	14402	0	14402	1911	16313	49.92
7	4367	139	272	4778	703	5300	0	5424	5444	-869	15356	0	15356	1997	17353	49.98
8	4337	124	295	4756	505	5475	28	5562	5255	-917	15102	0	15102	2085	17187	50.02
9	4345	129	312	4786	381	5248	91	5823	5714	-1090	15130	0	15130	2323	17453	49.98
10	4422	345	286	5053	401	5373	136	5845	5882	-1472	15373	0	15373	2699	18072	49.95
11	4384	352	303	5039	366	5519	166	6014	6011	-1562	15539	0	15539	2989	18528	49.94
12	4131	283	212	4626	221	5557	194	6177	6278	-1587	15289	0	15289	3046	18335	49.87
13	4000	273	282	4555	127	5603	192	6184	6230	-1502	15205	0	15205	3039	18244	49.92
14	3852	218	299	4369	164	5662	181	6097	6071	-1438	15009	0	15009	2893	17902	49.95
15	3835	156	347	4338	283	5726	164	6052	6138	-1478	15171	0	15171	2973	18144	49.86
16	3811	272	431	4514	461	5717	135	6049	6093	-1487	15433	0	15433	2982	18415	49.95
17	3767	305	412	4484	509	5506	87	5955	5928	-1497	15017	0	15017	2969	17986	49.97
18	3623	131	426	4180	556	5205	35	5534	5302	-1480	13798	0	13798	2890	16688	49.95
19	3594	332	439	4365	475	4960	1	5475	5475	-1393	13883	0	13883	2733	16616	49.97
20	3602	915	447	4964	529	5188	0	6062	5949	-1394	15236	0	15236	2769	18005	49.87
21	3613	476	425	4514	672	5463	0	6027	5793	-1462	14980	0	14980	2649	17629	49.91
22	3604	289	439	4332	873	5431	0	5840	5684	-1588	14732	0	14732	2521	17253	49.97
23	3597	181	430	4208	892	5437	0	5535	5870	-1544	14863	0	14863	2445	17308	49.97
24	3666	527	432	4625	829	5485	0	5269	5359	-1515	14783	0	14783	2412	17195	49.96
MUs	92.76	6.33	7.72	106.81	14.82	128.98	1.41	136.74	136.24	-31.74	356.52	0.00	356.52	60.39	416.91	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 01/Apr/2016

Position as on 6.30 Hrs of 02/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,(Converted to AOH for 30 Days from 00.00Hrs 06-03-2016)	
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyana Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
MSPGCL	Khaparkhedha Unit 5	500	15/03/2016	01.12		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 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	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	
RGPPL	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	
RGPPL	Dabhol 3X	290	03/02/2016	15:36		Continued.	Change Over	
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	Koyana 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	
MSPGCL	Uran Unit 8	108	30/03/2016	10:33	01/04/2016	13:07	Gas shortage	
MSPGCL	Uran Unit 6	108	01/04/2016	00.14		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 01/Apr/2016

Position as on 6.30 Hrs of 02/Apr/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	JSW (J) U4	300	01/04/2016	05.09	01/04/2016	09.07	electrical problem	
IPP	JSW (J) U2	300	01/04/2016	05.09	01/04/2016	09.30	electrical problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Apr/2016

Statement-VII

Position as on 6.30 Hrs of 02/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							
Talegaon PG-Aurangabad-I	InterState	31/03/2016	09.08	01/04/2016	12.05	PO	Lilo work at pune-PG
Talegaon PG - Aurangabad - II	InterState	31/03/2016	09.29	01/04/2016	12.05	PO	Lilo work at pune-PG
Dhule Sar'Sarovar I	InterState	31/03/2016	17.40		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	31/12/2015	18.16		Continued.	HT	Change over(outage taken on 2/3/2016 at 10.34hrs for commissioning of 765KV Ektuni S/Stn)
Babhaleshwar-Taptitanda ckt-I	IntraState	17/03/2016	14.36		Continued.	PO	Attending Hot Spot RFC AT 17.24
Bhusawal-Aurangabad	IntraState	26/03/2016	20.56		Continued.	HT	Over Voltage
New Koyna - Dabhol - li	IntraState	31/03/2016	08.18	01/04/2016	08.52	PO	Relay Testing Work
Karad-Jaigad - I	IntraState	31/03/2016	16.56	01/04/2016	09.15	HT	Over Voltage
karad -kolhapur-II	IntraState	31/03/2016	20.24	01/04/2016	09.01	HT	Over Voltage
Solapur - Parli(PG) I	IntraState	01/04/2016	06.45	01/04/2016	19.26	PO	OPGW WORK
karad -kolhapur-II	IntraState	01/04/2016	16.37		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	01/04/2016	16.51		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv, 500 Mva ICT-1 @Deepnagar	IntraState	01/04/2016	09.38	01/04/2016	16.10	PO	Diagnostic testing
220 KV LINE Outages/Trippings							
Boisar(MS) - Boisar (PG) II	InterState	01/04/2016	10.56	01/04/2016	15.48	EO	Attending Hot Spot
Vasai Boiser(PG)	InterState	02/04/2016	04.34	02/04/2016	05.19	T	B ph earth fault
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. Padghe-Borivali (Charge upto 51/1).
Bableshtar - Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Chitegaon-Shendra Ckt-I	IntraState	18/03/2016	06.57		Continued.	PO	For Making LILO Arrangement on Loc.NO 112 at Aurangabad PG S/S.
Chitegaon-Shendra Ckt-II	IntraState	18/03/2016	06.58		Continued.	PO	For Making LILO Arrangement on Loc.NO 112 at Aurangabad PG S/S.
Bableshtar - Alephata	IntraState	19/03/2016	19.44		Continued.	HT	To control BBLSR ICT Loading
Talandage(kolh'r)- Sawantwadi II	IntraState	30/03/2016	07.50		Continued.	PO	FOR CHARGING NEWLY CONSTRUCTED 220KV BIDRI LOLO LINE.
Malegaon-Satana	IntraState	01/04/2016	08.15		Continued.	PO	Taken on tbc for bus section outage
Shivajinagar - Malegaon	IntraState	01/04/2016	10.07		Continued.	PO	Bus section outage
Nagothane - Posco	IntraState	01/04/2016	11.39	01/04/2016	20.00	PO	Bunching as Nagothane kandalgon
Kalwa - Colourchem	IntraState	01/04/2016	11.58	01/04/2016	17.52	PO	Annauil maintainace
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

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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Apr/2016

Statement-VII

Position as on 6.30 Hrs of 02/Apr/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							commissioning)
220/33kV 125 MVA Transformer 5 @Versova R/S	IntraState	01/04/2016	00.12	01/04/2016	15.37	T	Differential work
220/132 Kv 200 MVA ICT-I @Malegaon	IntraState	01/04/2016	09.00	01/04/2016	13.55	PO	Diagnostic testing
100/22 Kv 50 Mva Bb Ptr 2 @Kolshet	IntraState	01/04/2016	10.37	01/04/2016	17.08	PO	Diagnostic testing

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