

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Apr/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	92.833	276.335	1) Gujrat	-3.873	-8.771
2) Hydro	11.590	26.170	2) Madhya Pradesh	14.418	42.895
3) Gas	10.367	28.136	3) Chattisgarh	7.290	22.470
Total MSPGCL	114.790	330.641	4) Maharashtra Net	96.020	296.222
B) 1) APLM	65.321	194.408	5) Goa (Amona)	-0.250	-0.328
2) JSWEL	25.780	73.324	6) TAPS 1&2 Injection	3.520	10.676
3) VIPL	13.683	37.942	7) RGPPL Injection	11.625	35.734
4) RPL(AMT)	16.519	55.518	8) Pench (MS)	0.057	0.633
5) WPCL	4.311	13.121	9) Pench (Excess)	-0.057	-0.633
6) Other IPP	7.716	23.433	Total	128.693	398.265
C) 1) TPCL Thermal	16.055	47.503	a) Mumbai Schedule	22.649	75.271
2) TPCL Hydro	0.198	6.230	b) Mumbai Drawl	25.648	87.567
3) TPCL Gas	3.941	12.524	c) MSEDCL Bilateral *	29.795	98.262
4) R-INFRA Thermal	5.662	16.404	Include PX	-3.479	-6.974
D) STATE			d) Mumbai Bilateral *	22.649	75.271
1) Thermal	247.880	737.988	Include PX	5.019	15.484
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	11.788	32.400	H) ENERGY CATERED (MUs)		
3) Gas	14.308	40.660	1) MSEDCL	368.469	1085.856
4) Wind	16.081	42.536	2) Mumbai Discoms	51.504	170.228
6) SOLAR	1.223	4.235	TOTAL STATE	419.973	1256.084
TOTAL STATE	291.280	857.819			

* 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	3981	4181	3855	3480
MSPGCL Hydro	978	394	730	249
MSPGCL Gas	418	451	438	436
MSPGCL Total Generation	5377	5026	5023	4165
Central Sector Receipt	5964	5852	5627	4802
WIND	276	671	1058	822
CPP / IPP	5780	5682	5342	5538
SOLAR	175	80	0	0
Exchange with Mumbai	-1101	-1110	-1449	-873
MSEDCL DEMAND MET	16471	16201	15601	14454
Load Shedding	0	0	0	0
MSEDCL DEMAND	16471	16201	15601	14454
TPCL GENERATION	909	855	734	755
R-INFRA GENERATION	252	258	201	202
MUMBAI DEMAND	2262	2223	2384	1830
STATE DEMAND MET	18733	18424	17985	16284
STATE DEMAND	18733	18424	17985	16284
Frequency (Hz)	49.97	49.99	49.91	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 14.03 Hrs	49.64 Hz at 21.07 Hrs	49.98	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 03/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	3.88	11.51	170	150
Unit 3	4.00	11.88	175	160
Unit 4	10.72	30.52	500	350
Unit 5	10.76	30.54	510	350
Total	29.36	84.45		
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	4.50	13.11	199	167
Unit 4	4.37	12.82	190	160
Unit 5	10.54	29.89	465	365
Unit 6	0.00	0.00	0	0
Unit 7	3.05	20.00	397	0
Total	22.47	75.82		
Paras				
Unit 3	5.51	16.58	250	192
Unit 4	5.83	16.95	250	195
Total	11.33	33.53		
Khaparkheda				
Unit 1	4.07	8.03	180	160
Unit 2	4.04	12.07	185	150
Unit 3	4.31	12.57	192	160
Unit 4	4.62	13.14	213	160
Unit 5	0.00	0.00	0	0
Total	17.04	45.81		
Nasik				
Unit 3	4.21	12.18	200	160
Unit 4	4.24	12.29	200	163
Unit 5	4.18	12.25	202	161
Total	12.63	36.72		
Uran				
All Units	10.37	28.14	451	412
Total	10.37	28.14		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.06	0.63	17	0
Total	0.06	0.63		
Koyna				
Stage 1-2	5.21	9.82	455	40
Stage 4	1.40	2.26	287	0
Stage 3	1.47	3.08	160	0
Total	8.08	15.16		
Hydro				
KDPH	0.74	2.23	32	31
VTRNA	0.52	1.13	61	0
TILLARI	0.24	0.72	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.17	0.50	40	0
RNGR+BHTSA	0.22	0.66	10	9
BHANDARDRA	0.20	0.57	9	8
ELDARY	0.21	0.64	10	8
SMLHY_PTN	0.99	2.70	42	41
GHATGHAR	0.21	1.86	120	0
Total	3.51	11.01		
Wind				
Total	16.08	42.54	0	0
Total	16.08	42.54		
CPP				
APML(Mus)	65.32	194.41	0	0
JSWEL(Mus)	25.78	73.32	0	0
VIPL(Mus)	13.68	37.94	0	0
RPLAMT(Mus)	16.52	55.52	0	0
WPCL(Mus)	4.31	13.12	0	0
Other(Mus)	7.72	23.43	0	0
Total	133.33	397.75		
SOLAR				
Total	1.22	4.24	0	0
Total	1.22	4.24		
Tata				
Trombay 5	10.40	30.79	486	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.44	7.86	114	73
Trombay 7B	1.50	4.66	67	53
Trombay 8	5.66	16.71	248	195
TATA Hydro	0.20	6.23	69	0
Total	20.19	66.26		
R-INFRA				
1-2	5.66	16.40	262	201
Total	5.66	16.40		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	92.83	276.34
MSPGCL Thml+Gas	103.20	304.47

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	11.59	26.17
MSPGCL Total	114.79	330.64

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	6.61	12.08
State Total	291.28	857.82

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 03/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	3513	944	427	4884	808	5412	0	5343	5557	-1284	15377	0	15377	2270	17647	49.95
2	3877	276	428	4581	799	5477	0	5207	4953	-956	14854	0	14854	2111	16965	49.98
3	3874	140	424	4438	920	5507	0	4875	4729	-833	14761	0	14761	1983	16744	49.96
4	3668	140	435	4243	904	5534	0	4804	4628	-838	14471	0	14471	1882	16353	49.94
5	3480	249	436	4165	822	5538	0	4752	4802	-873	14454	0	14454	1830	16284	49.94
6	3449	244	446	4139	791	5523	0	5216	5407	-767	15093	0	15093	1862	16955	49.99
7	3756	533	448	4737	658	5563	1	5284	5505	-709	15755	0	15755	1865	17620	50.02
8	3874	634	437	4945	388	5729	22	5294	5385	-684	15785	0	15785	1856	17641	50.00
9	3976	651	440	5067	240	5723	79	5335	5459	-766	15802	0	15802	1936	17738	50.01
10	4004	649	433	5086	257	5729	123	5547	5826	-922	16099	0	16099	2086	18185	49.99
11	4004	1027	445	5476	271	5753	150	5665	5700	-1063	16287	0	16287	2226	18513	49.99
12	3981	978	418	5377	276	5780	175	5722	5964	-1101	16471	0	16471	2262	18733	49.97
13	3978	963	419	5360	188	5740	175	5611	5624	-1114	15973	0	15973	2294	18267	49.96
14	3928	612	412	4952	365	5713	167	5545	5588	-1131	15654	0	15654	2253	17907	50.00
15	4027	543	431	5001	414	5680	164	5702	5763	-1136	15886	0	15886	2248	18134	50.01
16	4181	394	451	5026	671	5682	80	5799	5852	-1110	16201	0	16201	2223	18424	49.99
17	3945	178	416	4539	848	5536	61	5680	5412	-1101	15295	0	15295	2163	17458	50.01
18	3603	151	425	4179	915	5084	24	5353	5326	-1245	14283	0	14283	2123	16406	50.02
19	3596	292	426	4314	1156	4962	2	5210	5174	-1212	14396	0	14396	2110	16506	49.97
20	3855	730	438	5023	1058	5342	0	5658	5627	-1449	15601	0	15601	2384	17985	49.91
21	3864	253	446	4563	985	5517	0	5620	5484	-1505	15044	0	15044	2393	17437	49.94
22	3896	633	432	4961	854	5538	0	4914	4670	-1345	14678	0	14678	2376	17054	49.93
23	4247	237	425	4909	825	5706	0	5144	4851	-1231	15060	0	15060	2367	17427	49.98
24	4257	139	429	4825	668	5561	0	5366	5407	-1273	15188	0	15188	2401	17589	49.95
MUs	92.83	11.59	10.37	114.79	16.08	133.33	1.22	128.65	128.69	-25.65	368.47	0.00	368.47	51.50	419.97	49.98

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 03/Apr/2016

Position as on 6.30 Hrs of 04/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								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 3A	230	06/06/2013	08.28		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	
RGPL	Dabhol 3X	290	03/02/2016	15:36	03/04/2016	15.44	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 6	108	01/04/2016	00.14		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 7	500	02/04/2016	19.45	03/04/2016	14.27	Primary Air Heater Problem.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 03/Apr/2016

Position as on 6.30 Hrs of 04/Apr/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-5	270	03/04/2016	00.00		Continued.	Whitdrawl Zero Shedule By MSEDCL.	
RGPP	Dabhol 2A	230	03/04/2016	17.31		Continued.	Purge Valve Problem	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Apr/2016

Statement-VII

Position as on 6.30 Hrs of 04/Apr/2016

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							
Akola II- Ektuni (A'bad)	IntraState	02/04/2016	16.42	03/04/2016	00.54	PO	Stability Test for ICT-I
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	02/04/2016	17.19	04/04/2016	05.33	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	03/04/2016	07.55	03/04/2016	19.55	PO	Rectification of lines by PG end
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
karad -kolhapur-II	IntraState	02/04/2016	16.54	03/04/2016	08.51	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	02/04/2016	17.28		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	02/04/2016	17.49	03/04/2016	08.54	HT	Over Voltage
Karad-Jaigad - I	IntraState	03/04/2016	11.46		Continued.	T	Distance Protection
karad -kolhapur-II	IntraState	03/04/2016	16.42		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
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).
Bableshevar- 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.
Bableshevar- Alephata	IntraState	19/03/2016	19.44		Continued.	HT	To control BBLSR ICT Loading
Chalisgaon - Deepnagar	IntraState	02/04/2016	12.12	03/04/2016	12.53	T	Distance Protection
Kalwa - Airoli Knowledge Park	IntraState	03/04/2016	01.22	03/04/2016	01.48	T	Differential protection
Kharghar Trombay	IntraState	03/04/2016	07.09	03/04/2016	12.49	PO	Testing Work
Borivali(M)- Vasai	IntraState	03/04/2016	08.04	03/04/2016	18.40	PO	Shifting of bay to new express feeder Boisar ckt.I
Kalwa - Airoli Knowledge Park	IntraState	03/04/2016	08.11	03/04/2016	09.04	T	Relay Malfunctioning
Borivali - Ghodbunder	IntraState	03/04/2016	08.42	03/04/2016	15.25	HT	Safety purpose for Borivali-Vasai line outage
Kalwa-Salsette-VI	IntraState	03/04/2016	10.13	03/04/2016	18.21	PO	Bus Fault stability test
Padghe - Jambhul 1	IntraState	03/04/2016	13.00	03/04/2016	16.17	T	Distance Protection
Padghe - Jambhul 2	IntraState	03/04/2016	13.00	03/04/2016	13.55	T	Distance Protection
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)
100 KV LINE Outages/Trippings							
Kalwa-Kalyan	IntraState	03/04/2016	11.01	03/04/2016	11.09	T	Distance Protection

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