

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 02/Apr/2016 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	94.633	183.502	1) Gujrat	-2.608	-4.898
2) Hydro	8.251	14.580	2) Madhya Pradesh	14.037	28.477
3) Gas	10.049	17.769	3) Chattisgarh	7.300	15.180
Total MSPGCL	112.933	215.851	4) Maharashtra Net	99.667	200.202
B) 1) APLM	65.680	129.087	5) Goa (Amona)	-0.040	-0.078
2) JSWEL	25.418	47.544	6) TAPS 1&2 Injection	3.570	7.156
3) VIPL	12.460	24.259	7) RGPPL Injection	11.614	24.109
4) RPL(AMT)	19.911	38.999	8) Pench (MS)	0.209	0.576
5) WPCL	4.401	8.810	9) Pench (Excess)	-0.209	-0.576
6) Other IPP	7.565	15.717	Total	133.331	269.572
C) 1) TPCL Thermal	15.917	31.448	a) Mumbai Schedule	26.148	52.623
2) TPCL Hydro	2.527	6.032	b) Mumbai Drawl	30.176	61.919
3) TPCL Gas	4.223	8.583	c) MSEDCL Bilateral *	32.736	68.467
4) R-INFRA Thermal	5.490	10.742	Include PX	-1.813	-3.495
D) STATE			d) Mumbai Bilateral *	26.148	52.623
1) Thermal	251.475	490.108	Include PX	5.000	10.465
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	10.778	20.612	H) ENERGY CATERED (MUs)		
3) Gas	14.272	26.352	1) MSEDCL	364.764	717.387
4) Wind	11.639	26.455	2) Mumbai Discoms	58.333	118.724
6) SOLAR	1.602	3.012	TOTAL STATE	423.097	836.111
TOTAL STATE	289.766	566.539			

* 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 5 Hrs
MSPGCL Thermal	4334	4279	3557	3595
MSPGCL Hydro	642	265	1176	143
MSPGCL Gas	436	416	429	447
MSPGCL Total Generation	5412	4960	5162	4185
Central Sector Receipt	6070	6309	5556	5011
WIND	329	361	534	568
CPP / IPP	5801	5902	5512	5339
SOLAR	190	151	0	0
Exchange with Mumbai	-1449	-1386	-1411	-932
MSEDCL DEMAND MET	16353	16297	15353	14171
Load Shedding	0	0	0	0
MSEDCL DEMAND	16353	16297	15353	14171
TPCL GENERATION	1101	1149	1095	694
R-INFRA GENERATION	257	259	202	202
MUMBAI DEMAND	2807	2794	2708	1828
STATE DEMAND MET	19160	19091	18061	15999
STATE DEMAND	19160	19091	18061	15999
Frequency (Hz)	49.98	49.91	49.87	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 09.01 Hrs	49.64 Hz at 14.11 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 02/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	3.73	7.63	165	150
Unit 3	3.91	7.88	170	155
Unit 4	10.28	19.80	500	350
Unit 5	10.26	19.78	510	350
Total	28.18	55.09		
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	4.36	8.60	197	163
Unit 4	4.27	8.45	193	160
Unit 5	9.96	19.35	460	360
Unit 6	0.00	0.00	0	0
Unit 7	7.74	16.95	435	0
Total	26.34	53.36		
Paras				
Unit 3	5.73	11.08	254	200
Unit 4	5.75	11.12	250	191
Total	11.48	22.20		
Khaparkheda				
Unit 1	3.96	3.96	180	140
Unit 2	4.10	8.02	185	155
Unit 3	4.23	8.26	192	160
Unit 4	4.44	8.53	210	160
Unit 5	0.00	0.00	0	0
Total	16.73	28.77		
Nasik				
Unit 3	3.94	7.97	170	160
Unit 4	3.98	8.05	174	163
Unit 5	4.00	8.07	170	164
Total	11.91	24.09		
Uran				
All Units	10.05	17.77	450	293
Total	10.05	17.77		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.21	0.58	41	0
Total	0.21	0.58		
Koyna				
Stage 1-2	2.62	4.61	460	40
Stage 4	0.68	0.86	267	0
Stage 3	0.98	1.60	160	0
Total	4.29	7.08		
Hydro				
KDPH	0.74	1.49	31	30
VTRNA	0.61	0.61	61	0
TILLARI	0.24	0.48	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.15	0.33	40	0
RNGR+BHTSA	0.22	0.44	10	9
BHANDARDRA	0.20	0.37	9	8
ELDARY	0.22	0.43	9	9
SMLHY_PTN	0.92	1.72	39	38
GHATGHAR	0.68	1.64	125	0
Total	3.96	7.50		
Wind				
Total	11.64	26.46	0	0
Total	11.64	26.46		
CPP				
APML(Mus)	65.68	129.09	0	0
JSWEL(Mus)	25.42	47.54	0	0
VIPL(Mus)	12.46	24.26	0	0
RPLAMT(Mus)	19.91	39.00	0	0
WPCL(Mus)	4.40	8.81	0	0
Other(Mus)	7.56	15.72	0	0
Total	135.44	264.42		
SOLAR				
Total	1.60	3.01	0	0
Total	1.60	3.01		
Tata				
Trombay 5	10.37	20.40	491	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.66	5.42	119	87
Trombay 7B	1.57	3.16	68	57
Trombay 8	5.55	11.05	248	200
TATA Hydro	2.53	6.03	258	0
Total	22.67	46.06		
R-INFRA				
1-2	5.49	10.74	260	202
Total	5.49	10.74		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	94.63	183.50
MSPGCL Thml+Gas	104.68	201.27

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	8.25	14.58
MSPGCL Total	112.93	215.85

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	3.31	5.47
State Total	289.77	566.54

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 02/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	3707	142	437	4286	835	5534	0	5546	5430	-1387	14698	0	14698	2285	16983	49.95
2	3721	147	449	4317	752	5550	0	5280	5050	-1189	14480	0	14480	2087	16567	49.98
3	3672	147	435	4254	662	5412	0	5187	4931	-1059	14200	0	14200	1956	16156	49.97
4	3625	147	445	4217	630	5325	0	5136	5058	-972	14258	0	14258	1871	16129	49.99
5	3595	143	447	4185	568	5339	0	5105	5011	-932	14171	0	14171	1828	15999	49.95
6	3746	137	444	4327	463	5440	0	5260	5314	-962	14582	0	14582	1868	16450	49.92
7	4281	179	448	4908	449	5625	0	5398	5275	-873	15384	0	15384	1937	17321	49.99
8	4340	197	450	4987	318	5681	33	5485	5277	-862	15434	0	15434	2032	17466	49.99
9	4343	159	432	4934	235	5685	101	5655	5677	-918	15714	0	15714	2234	17948	49.98
10	4348	328	438	5114	287	5684	158	5900	5966	-1207	16002	0	16002	2523	18525	49.98
11	4334	642	436	5412	329	5801	190	6021	6070	-1449	16353	0	16353	2807	19160	49.98
12	4313	431	418	5162	184	5967	222	6169	6175	-1506	16204	0	16204	2890	19094	49.91
13	4317	468	416	5201	151	5746	221	6158	6223	-1449	16093	0	16093	2873	18966	49.88
14	4334	278	430	5042	153	5737	226	6083	6065	-1423	15800	0	15800	2758	18558	49.91
15	4330	195	423	4948	288	5854	172	6153	6070	-1397	15935	0	15935	2779	18714	49.85
16	4279	265	416	4960	361	5902	151	6322	6309	-1386	16297	0	16297	2794	19091	49.91
17	3980	280	421	4681	402	5761	90	6128	6279	-1446	15767	0	15767	2779	18546	49.94
18	3696	192	435	4323	498	5423	36	5792	5636	-1417	14499	0	14499	2710	17209	49.97
19	3651	385	422	4458	511	5247	2	5733	5017	-1450	13785	0	13785	2627	16412	49.93
20	3557	1176	429	5162	534	5512	0	5834	5556	-1411	15353	0	15353	2708	18061	49.87
21	3533	978	404	4915	675	5739	0	5653	4771	-1412	14688	0	14688	2637	17325	49.89
22	3895	277	293	4465	845	6013	0	5186	5206	-1318	15211	0	15211	2532	17743	49.97
23	3665	166	310	4141	790	5866	0	5665	5311	-1327	14781	0	14781	2454	17235	49.94
24	3371	792	371	4534	719	5588	0	5501	5654	-1424	15071	0	15071	2364	17435	49.93
MUs	94.63	8.25	10.05	112.93	11.64	135.44	1.60	136.35	133.33	-30.18	364.76	0.00	364.76	58.33	423.10	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 02/Apr/2016

Position as on 6.30 Hrs of 03/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	
IPP	RPL(AMT) U-5	270	02/04/2016	11.55	02/04/2016	13.59	PA Fan problem	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 02/Apr/2016

Position as on 6.30 Hrs of 03/Apr/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 7	500	02/04/2016	19.45	03/04/2016	14.27	Primary Air Heater Problem.	
MSPGCL	Uran Unit 8	108	02/04/2016	20.41	02/04/2016	21.53	ESV Valve Closed.	
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 02/Apr/2016

Statement-VII

Position as on 6.30 Hrs of 03/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	31/03/2016	17.40	02/04/2016	09.58	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	02/04/2016	17.19		Continued.	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	02/04/2016	19.53	02/04/2016	22.48	HT	Emergency HT Due To Fire Observed Blow Line.
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
Bhusawal-Aurangabad	IntraState	26/03/2016	20.56	02/04/2016	11.28	HT	Over Voltage
karad -kolhapur-II	IntraState	01/04/2016	16.37	02/04/2016	08.37	HT	Over Voltage
Karad-Jaigad - I	IntraState	01/04/2016	16.51	02/04/2016	08.56	HT	Over Voltage
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							
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. Padgha-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
Dahanu-Viraj	IntraState	02/04/2016	09.45	02/04/2016	18.43	PO	CT Replacemrnt.
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 Malfunctioing
Borivali - Ghodbunder	IntraState	03/04/2016	08.42	03/04/2016	15.25	HT	Safety purpose for Borivali-Vasai line outage

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 02/Apr/2016

Statement-VII

Position as on 6.30 Hrs of 03/Apr/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of 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