

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 31/Mar/2016 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	96.125	2969.001	1) Gujrat	-2.564	-68.403
2) Hydro	5.314	214.243	2) Madhya Pradesh	10.406	375.205
3) Gas	10.767	337.379	3) Chattisgarh	8.300	220.860
Total MSPGCL	112.206	3520.623	4) Maharashtra Net	104.782	2862.808
B) 1) APMIL	63.381	1932.839	5) Goa (Amona)	-0.782	-16.560
2) JSWEL	27.321	829.251	6) TAPS 1&2 Injection	3.598	112.469
3) VIPL	12.289	375.238	7) RGPPL Injection	12.493	358.465
4) RPL(AMT)	14.894	582.939	8) Pench (MS)	0.121	4.675
5) WPCL	4.493	120.887	9) Pench (Excess)	-0.121	-4.675
6) Other IPP	8.267	255.218	Total	136.112	3840.169
C) 1) TPCL Thermal	16.010	441.515	a) Mumbai Schedule	27.673	679.287
2) TPCL Hydro	3.316	94.122	b) Mumbai Drawl	32.211	828.453
3) TPCL Gas	4.205	131.141	c) MSEDCL Bilateral *	34.211	980.132
4) R-INFRA Thermal	5.406	267.908	Include PX	-0.914	-40.839
D) STATE			d) Mumbai Bilateral *	27.673	678.587
1) Thermal	248.186	7774.796	Include PX	9.841	142.854
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.700
2) Hydro	8.630	308.365	H) ENERGY CATERED (MUs)		
3) Gas	14.972	468.520	1) MSEDCL	363.719	10972.394
4) Wind	15.613	302.371	2) Mumbai Discoms	61.148	1763.127
6) SOLAR	1.354	41.312	TOTAL STATE	424.867	12735.521
TOTAL STATE	288.755	8895.364			

* 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	4403	4296	4310	3625
MSPGCL Hydro	364	307	422	121
MSPGCL Gas	460	424	451	460
MSPGCL Total Generation	5227	5027	5183	4206
Central Sector Receipt	6272	6054	5829	4875
WIND	343	406	614	878
CPP / IPP	5938	5893	5690	5460
SOLAR	173	108	0	0
Exchange with Mumbai	-1567	-1550	-1467	-954
MSEDCL DEMAND MET	16386	15938	15849	14465
Load Shedding	0	0	0	0
MSEDCL DEMAND	16386	15938	15849	14465
TPCL GENERATION	1204	1213	1142	697
R-INFRA GENERATION	254	256	200	200
MUMBAI DEMAND	3025	3019	2809	1851
STATE DEMAND MET	19411	18957	18658	16316
STATE DEMAND	19411	18957	18658	16316
Frequency (Hz)	49.98	49.96	49.94	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 12.01 Hrs	49.79 Hz at 19.09 Hrs	50	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 31/Mar/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	4.01	0	0
Unit 8	0.00	79.53	0	0
Total	0.00	83.54		
Bhusawal				
Unit 2	3.98	89.47	170	150
Unit 3	3.52	115.36	165	0
Unit 4	10.37	176.04	500	350
Unit 5	10.41	293.34	510	350
Total	28.28	674.21		
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	4.40	118.90	199	167
Unit 4	4.32	132.71	192	166
Unit 5	9.96	309.40	460	360
Unit 6	0.00	40.63	0	0
Unit 7	9.69	292.03	449	343
Total	28.37	893.67		
Paras				
Unit 3	5.68	149.95	255	194
Unit 4	5.84	123.20	260	203
Total	11.52	273.15		
Khaparkheda				
Unit 1	3.81	116.32	185	125
Unit 2	3.87	124.32	185	130
Unit 3	4.00	114.58	193	132
Unit 4	4.03	125.70	210	135
Unit 5	0.00	146.97	0	0
Total	15.71	627.89		
Nasik				
Unit 3	4.08	108.98	200	160
Unit 4	4.07	107.32	199	158
Unit 5	4.08	124.14	200	160
Total	12.24	340.43		
Uran				
All Units	10.77	337.38	471	422
Total	10.77	337.38		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.12	4.68	17	0
Total	0.12	4.68		
Koyna				
Stage 1-2	1.72	83.24	410	40
Stage 4	0.08	29.21	84	0
Stage 3	0.23	23.56	72	0
Total	2.04	136.01		
Hydro				
KDPH	0.74	16.54	31	31
VTRNA	0.00	0.00	0	0
TILLARI	0.24	6.01	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	5.83	40	0
RNGR+BHTSA	0.19	6.31	12	0
BHANDARDRA	0.21	3.70	34	0
ELDARY	0.22	0.89	10	8
SMLHY_PTN	0.72	25.81	31	30
GHATGHAR	0.75	13.14	195	0
Total	3.28	78.23		
Wind				
Total	15.61	302.37	0	0
Total	15.61	302.37		
CPP				
APML(Mus)	63.38	1932.84	0	0
JSWEL(Mus)	27.32	829.25	0	0
VIPL(Mus)	12.29	375.24	0	0
RPLAMT(Mus)	14.89	582.94	0	0
WPCL(Mus)	4.49	120.89	0	0
Other(Mus)	8.27	255.22	0	0
Total	130.64	4096.37		
SOLAR				
Total	1.35	41.31	0	0
Total	1.35	41.31		
Tata				
Trombay 5	10.42	297.93	490	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.64	82.24	121	78
Trombay 7B	1.56	48.90	68	56
Trombay 8	5.59	143.58	247	198
TATA Hydro	3.32	94.12	353	29
Total	23.53	666.78		
R-INFRA				
1-2	5.41	267.91	260	200
Total	5.41	267.91		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	96.12	2969.00
MSPGCL Thml+Gas	106.89	3306.38

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.31	214.24
MSPGCL Total	112.21	3520.62

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.80	112.46
State Total	288.76	8895.36

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 31/Mar/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	3557	526	463	4546	984	5142	0	5478	5848	-1408	15112	0	15112	2347	17459	50.00
2	3638	158	455	4251	1021	5431	0	5216	5410	-1221	14892	0	14892	2119	17011	50.01
3	3639	126	459	4224	1052	5568	0	4965	4896	-1088	14652	0	14652	1984	16636	50.01
4	3629	121	470	4220	962	5530	0	4867	4762	-994	14480	0	14480	1896	16376	50.04
5	3625	121	460	4206	878	5460	0	4835	4875	-954	14465	0	14465	1851	16316	50.00
6	3827	179	471	4477	783	5513	0	5193	5320	-1008	15085	0	15085	1919	17004	50.00
7	4176	334	461	4971	832	5660	0	5365	5287	-866	15884	0	15884	1989	17873	50.02
8	4310	323	470	5103	555	5836	30	5502	5253	-917	15860	0	15860	2096	17956	50.02
9	4350	146	451	4947	361	5861	87	5937	5666	-1246	15676	0	15676	2441	18117	50.00
10	4451	254	428	5133	354	5865	128	6136	5985	-1471	15994	0	15994	2803	18797	50.00
11	4403	364	460	5227	343	5938	173	6106	6272	-1567	16386	0	16386	3025	19411	49.98
12	4301	325	423	5049	284	6033	189	6135	6059	-1564	16050	0	16050	3051	19101	50.00
13	4263	261	422	4946	223	5810	198	6054	6092	-1557	15712	0	15712	3045	18757	50.01
14	4407	187	425	5019	269	5650	183	5970	5795	-1532	15384	0	15384	2966	18350	50.05
15	4300	127	436	4863	314	5837	156	6008	6238	-1610	15798	0	15798	3024	18822	49.95
16	4296	307	424	5027	406	5893	108	6024	6054	-1550	15938	0	15938	3019	18957	49.96
17	4138	167	435	4740	520	5762	75	5917	6142	-1525	15714	0	15714	2964	18678	49.99
18	3661	114	435	4210	471	5491	24	5682	6055	-1465	14786	0	14786	2870	17656	49.98
19	3720	209	450	4379	490	5364	3	5448	5664	-1429	14471	0	14471	2775	17246	49.98
20	4310	422	451	5183	614	5690	0	5897	5829	-1467	15849	0	15849	2809	18658	49.94
21	4195	144	448	4787	826	5810	0	5870	5609	-1488	15544	0	15544	2746	18290	49.98
22	3651	111	451	4213	998	5585	0	5580	5498	-1360	14934	0	14934	2513	17447	50.00
23	3631	133	463	4227	1043	5449	0	5612	5801	-1403	15117	0	15117	2460	17577	50.03
24	3647	155	456	4258	1030	5420	0	5585	5703	-1521	14890	0	14890	2436	17326	50.00
MUs	96.12	5.31	10.77	112.21	15.61	135.60	1.35	135.38	136.11	-32.21	368.67	0.00	368.67	61.15	429.82	50.00

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 31/Mar/2016

Position as on 6.30 Hrs of 01/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		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	Bhusawal Unit 3	210	31/03/2016	10.34	31/03/2016	12.58	D.C.supply fail	
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 31/Mar/2016

Position as on 6.30 Hrs of 01/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		Continued.	electrical problem	
IPP	JSW (J) U2	300	01/04/2016	05.09		Continued.	electrical problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 31/Mar/2016

Statement-VII

Position as on 6.30 Hrs of 01/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 I	InterState	30/03/2016	21.32	31/03/2016	06.37	HT	Over Voltage
Talegaon PG-Aurangabad-I	InterState	31/03/2016	09.08		Continued.	PO	Lilo work at pune-PG
Talegaon PG - Aurangabad - II	InterState	31/03/2016	09.29		Continued.	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
Karad - Jaigad - II	IntraState	30/03/2016	17.19	31/03/2016	08.40	HT	Over Voltage
karad -kolhapur-I	IntraState	30/03/2016	21.39	31/03/2016	08.44	HT	Over Voltage
New Koyna - Dabhol - li	IntraState	31/03/2016	08.18		Continued.	PO	Relay Testing Work
Main Bus-I @ Jejuri	IntraState	31/03/2016	09.08	31/03/2016	18.07	PO	civil construction work
Karad-Jaigad - I	IntraState	31/03/2016	16.56		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	31/03/2016	20.24		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 MVA ICT-II @Lonikand	IntraState	31/03/2016	07.47	31/03/2016	16.27	PO	Testing Work
400/220kv 315 Mva ICT I @Karad	IntraState	31/03/2016	16.29	31/03/2016	19.31	EO	Attending Hot Spot
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. 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
Talandage(kolh'r)- Sawantwadi II	IntraState	30/03/2016	07.50		Continued.	PO	FOR CHARGING NEWLY CONSTRUCTED 220KV BIDRI LOLO LINE.
New Koyna - Pedambe	IntraState	31/03/2016	06.18	31/03/2016	15.12	PO	Equipment maintenance work
Uran - Apta III	IntraState	31/03/2016	08.25	31/03/2016	18.42	PO	Dismantling of rusted tower at loc no 8
Uran - Apta IV	IntraState	31/03/2016	08.28	31/03/2016	18.44	PO	Dismantling of rusted tower at loc no 8
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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 31/Mar/2016

Statement-VII

Position as on 6.30 Hrs of 01/Apr/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 200 Mva Vijai Ict 1 @Ranjanagaon	IntraState	31/03/2016	16.32	31/03/2016	19.49	PO	Testing Work
220/33kV 125 MVA Transformer 5 @Versova R/S	IntraState	01/04/2016	00.12	01/04/2016	00.15	T	Differential work