

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Mar/2016 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	82.378	2327.349	1) Gujrat	0.248	-59.956
2) Hydro	5.711	166.630	2) Madhya Pradesh	14.070	286.539
3) Gas	10.901	246.933	3) Chattisgarh	7.750	165.460
Total MSPGCL	98.990	2740.912	4) Maharashtra Net	88.156	2148.664
B) 1) APLM	61.033	1488.565	5) Goa (Amona)	-0.036	-12.106
2) JSWEL	27.038	634.355	6) TAPS 1&2 Injection	3.637	87.033
3) VIPL	11.587	289.236	7) RGPPL Injection	12.287	276.774
4) RPL(AMT)	18.612	445.673	8) Pench (MS)	0.000	3.793
5) WPCL	2.891	90.866	9) Pench (Excess)	0.000	-3.793
6) Other IPP	7.704	198.370	Total	126.112	2888.615
C) 1) TPCL Thermal	11.447	331.401	a) Mumbai Schedule	17.115	499.334
2) TPCL Hydro	1.538	73.552	b) Mumbai Drawl	26.174	614.321
3) TPCL Gas	4.318	101.147	c) MSEDCL Bilateral *	30.760	737.798
4) R-INFRA Thermal	5.261	229.989	Include PX	-1.619	-36.201
D) STATE			d) Mumbai Bilateral *	17.115	498.634
1) Thermal	227.951	6035.804	Include PX	1.685	86.576
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.700
2) Hydro	7.249	240.182	H) ENERGY CATERED (MUs)		
3) Gas	15.219	348.080	1) MSEDCL	335.780	8419.609
4) Wind	6.687	225.013	2) Mumbai Discoms	48.738	1350.397
6) SOLAR	1.300	32.325	TOTAL STATE	384.518	9770.006
TOTAL STATE	258.406	6881.404			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	3566	3311	3331	3291
MSPGCL Hydro	268	180	276	130
MSPGCL Gas	458	441	464	461
MSPGCL Total Generation	4292	3932	4071	3882
Central Sector Receipt	5410	5333	5064	4938
WIND	171	187	271	341
CPP / IPP	5646	5350	5008	4980
SOLAR	74	181	0	0
Exchange with Mumbai	-792	-891	-1210	-1396
MSEDCL DEMAND MET	14801	14092	13204	12745
Load Shedding	0	0	0	0
MSEDCL DEMAND	14801	14092	13204	12745
TPCL GENERATION	763	838	832	698
R-INFRA GENERATION	259	259	201	201
MUMBAI DEMAND	1814	1988	2243	2295
STATE DEMAND MET	16615	16080	15447	15040
STATE DEMAND	16615	16080	15447	15040
Frequency (Hz)	50.03	49.97	49.96	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 06.32 Hrs	49.81 Hz at 19.06 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 24/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	0.01	75.12	10	0
Unit 3	4.20	87.84	180	170
Unit 4	8.56	106.06	360	340
Unit 5	8.58	223.84	370	350
Total	21.35	492.86		
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	4.19	88.24	195	162
Unit 4	4.20	102.65	193	162
Unit 5	9.53	239.70	460	360
Unit 6	0.00	40.63	0	0
Unit 7	9.33	224.75	443	355
Total	27.24	695.97		
Paras				
Unit 3	5.20	105.41	254	186
Unit 4	5.23	89.70	255	191
Total	10.43	195.11		
Khaparkheda				
Unit 1	3.82	90.06	165	150
Unit 2	3.87	96.28	165	155
Unit 3	3.89	85.68	163	161
Unit 4	3.88	95.87	165	160
Unit 5	0.00	146.97	0	0
Total	15.46	514.86		
Nasik				
Unit 3	3.93	80.10	170	160
Unit 4	0.01	93.66	8	0
Unit 5	3.96	95.14	172	160
Total	7.90	268.90		
Uran				
All Units	10.90	246.93	474	424
Total	10.90	246.93		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.00	3.79	0	0
Total	0.00	3.79		
Koyna				
Stage 1-2	2.12	66.08	440	40
Stage 4	0.26	24.12	262	0
Stage 3	0.47	18.65	140	0
Total	2.86	108.86		
Hydro				
KDPH	0.60	12.42	32	16
VTRNA	0.00	0.00	0	0
TILLARI	0.25	4.28	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.08	4.56	40	0
RNGR+BHTSA	0.22	4.84	12	0
BHANDARDRA	0.57	2.12	43	8
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.67	21.27	29	28
GHATGHAR	0.46	8.28	125	0
Total	2.85	57.77		
Wind				
Total	6.69	225.01	0	0
Total	6.69	225.01		
CPP				
APML(Mus)	61.03	1488.56	0	0
JSWEL(Mus)	27.04	634.36	0	0
VIPL(Mus)	11.59	289.24	0	0
RPLAMT(Mus)	18.61	445.67	0	0
WPCL(Mus)	2.89	90.87	0	0
Other(Mus)	7.70	198.37	0	0
Total	128.86	3147.06		
SOLAR				
Total	1.30	32.32	0	0
Total	1.30	32.32		
Tata				
Trombay 5	7.60	226.59	319	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.72	63.35	114	113
Trombay 7B	1.60	37.79	67	66
Trombay 8	3.85	104.81	205	0
TATA Hydro	1.54	73.55	242	13
Total	17.30	506.10		
R-INFRA				
1-2	5.26	229.99	260	200
Total	5.26	229.99		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	82.38	2327.35
MSPGCL Thml+Gas	93.28	2574.28

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.71	166.63
MSPGCL Total	98.99	2740.91

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.39	90.21
State Total	258.41	6881.40

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/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	3630	227	467	4324	306	5816	0	5675	6155	-1457	15144	0	15144	2356	17500	49.96
2	3604	232	459	4295	291	5814	0	5577	5744	-1233	14911	0	14911	2134	17045	49.99
3	3604	103	458	4165	243	5822	0	5481	5524	-1099	14655	0	14655	2000	16655	49.99
4	3592	93	464	4149	311	5819	0	5297	5171	-985	14465	0	14465	1885	16350	50.00
5	3605	113	457	4175	282	5792	0	5264	5360	-932	14677	0	14677	1832	16509	49.99
6	3616	100	466	4182	365	5794	0	5318	5365	-963	14743	0	14743	1862	16605	50.00
7	3627	124	465	4216	344	5718	0	5314	5472	-902	14848	0	14848	1840	16688	50.08
8	3651	262	454	4367	286	5673	25	5449	5446	-835	14962	0	14962	1792	16754	50.04
9	3566	268	458	4292	171	5646	74	5500	5410	-792	14801	0	14801	1814	16615	50.03
10	3305	344	474	4123	188	5364	128	5422	5462	-752	14513	0	14513	1868	16381	49.99
11	3313	525	453	4291	228	5257	141	5299	5446	-820	14543	0	14543	1933	16476	50.00
12	3330	338	440	4108	243	5363	197	5297	5289	-906	14294	0	14294	2010	16304	49.98
13	3311	180	441	3932	187	5350	181	5345	5333	-891	14092	0	14092	1988	16080	49.97
14	3342	131	439	3912	184	5266	166	5326	5464	-944	14048	0	14048	1994	16042	50.01
15	3360	141	432	3933	249	5017	160	5134	5509	-1047	13821	0	13821	1998	15819	50.00
16	3366	370	424	4160	241	5009	126	5140	5547	-1227	13856	0	13856	2015	15871	50.00
17	3348	265	435	4048	262	5169	72	5164	5190	-1223	13518	0	13518	2012	15530	50.02
18	3332	169	446	3947	266	5075	29	4550	4384	-1198	12503	0	12503	1986	14489	50.07
19	3309	202	461	3972	343	4961	1	4311	4125	-1232	12170	0	12170	2048	14218	50.00
20	3331	276	464	4071	271	5008	0	5051	5064	-1210	13204	0	13204	2243	15447	49.96
21	3325	170	453	3948	334	5130	0	5141	5005	-1367	13050	0	13050	2255	15305	49.98
22	3319	155	463	3937	396	5020	0	4890	4969	-1359	12963	0	12963	2271	15234	49.98
23	3291	130	461	3882	341	4980	0	4533	4938	-1396	12745	0	12745	2295	15040	49.96
24	3301	793	467	4561	355	5000	0	3494	4741	-1404	13253	0	13253	2307	15560	49.99
MUs	82.38	5.71	10.90	98.99	6.69	128.87	1.30	122.97	126.11	-26.17	335.78	0.00	335.78	48.74	384.52	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 24/Mar/2016

Position as on 6.30 Hrs of 25/Mar/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	Uran Unit 8	108	04/03/2016	22.55		Continued.	Gas shortage	
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 Evecuation 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	WPCL U-3	135	19/03/2016	00.00		Continued.	ESP Back Filter DC High	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 24/Mar/2016

Position as on 6.30 Hrs of 25/Mar/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 2	210	24/03/2016	00.05		Continued.	Due to No Schedule.	
MSPGCL	Nasik Unit 4	210	24/03/2016	00.10		Continued.	Due to No Schedule.	
MSPGCL	Ghatghar Unit-2	125	24/03/2016	10.26		Continued.	MOTOR AIR COOLER LW FLOW LOW	
MSPGCL	Ghatghar Unit-1	125	24/03/2016	10.26	24/03/2016	23.55	SUT HEAVY FAULT FLOW	
TPC_G	Trombay 8	250	24/03/2016	14.49	24/03/2016	18.45	Generator Protection operated	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Mar/2016

Statement-VII

Position as on 6.30 Hrs of 25/Mar/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	24/03/2016	04.34	24/03/2016	05.35	T	Tripped on Reduce voltage
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	23/03/2016	17.18	25/03/2016	06.41	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	23/03/2016	18.06	24/03/2016	09.25	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	24/03/2016	16.15	25/03/2016	06.51	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)
Bhusawal-Aurangabad	IntraState	14/03/2016	17.29		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	17/03/2016	14.36		Continued.	PO	Attending Hot Spot RFC AT 17.24
Bhusawal-Aurangabad	IntraState	21/03/2016	11.20		Continued.	PO	CRM Work.
karad -kolhapur-II	IntraState	23/03/2016	16.26		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	23/03/2016	17.29		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	24/03/2016	17.06		Continued.	HT	Over Voltage
Koradi 2-IEPL	IntraState	24/03/2016	17.57	24/03/2016	18.55	T	Over Voltage
koaradi II - Wardha(PG)	IntraState	24/03/2016	17.57	24/03/2016	18.44	T	Over Voltage
Warora -IEPL	IntraState	24/03/2016	17.57	24/03/2016	18.42	T	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33kv 315MVA ICT-I @Lonikand	IntraState	24/03/2016	07.27	24/03/2016	13.16	PO	Annual Maintenance Work
220 KV LINE Outages/Trippings							
Hingoli- Girawali	InterState	14/02/2016	12.37		Continued.	HT	To Improve Voltage @ Hingoli.
Boisar(MS) - Boisar (PG) II	InterState	24/03/2016	06.47	24/03/2016	10.20	PO	For Sefty purpose formation pf PG -3 Line.
Boisar Tarapur	InterState	24/03/2016	11.02	24/03/2016	18.25	PO	Safty purpose for formation of pgcl line
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
Boisar Versova Line	IntraState	23/03/2016	13.49	24/03/2016	10.37	HT	To control O/L of 220kv Bo-Bo PG D/C.
Boisar(M) - Ghodbunder	IntraState	24/03/2016	06.33	24/03/2016	19.34	HT	To Control O/L of 220kv Bo-bo PG D/C.
Centuri Enka- Bhosari	IntraState	24/03/2016	09.40	24/03/2016	14.52	PO	Tan Delta of 220kv ct
Kandalgaon - Sona Alloys	IntraState	24/03/2016	10.48	24/03/2016	11.25	T	Distance Protection

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 24/Mar/2016

Statement-VII

Position as on 6.30 Hrs of 25/Mar/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Flagship-Nandedcity	IntraState	24/03/2016	13.34	24/03/2016	14.50	PO	LINE TAKEN ON TBC MANI BAY CRM
220KV Theur- NandedCity	IntraState	24/03/2016	15.12	24/03/2016	16.05	PO	LINE TAKEN ON TBC MANI BAY CRM
Lonikand - Bhosari	IntraState	24/03/2016	15.31	24/03/2016	18.11	PO	BREAKER CRM & TESTING 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)
220/132 Kv 200 Mva Cgl Ptr No 5 @Parvati	IntraState	22/03/2016	12.50		Continued.	PO	HV Side Taken on TBC for Main Bay Overhauling(for 3 Days).
132 KV LINE Outages/Trippings							
Nandurbar - Visarwadi	IntraState	22/03/2016	18.25		Continued.	T	Distance Protection

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