

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Mar/2016 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	97.824	1581.613	1) Gujrat	-3.633	-49.633
2) Hydro	5.453	115.512	2) Madhya Pradesh	11.186	175.562
3) Gas	11.014	160.716	3) Chattisgarh	7.500	105.180
Total MSPGCL	114.291	1857.841	4) Maharashtra Net	92.461	1404.445
B) 1) APML	64.809	976.366	5) Goa (Amona)	-0.580	-10.750
2) JSWEL	28.281	411.582	6) TAPS 1&2 Injection	3.655	58.332
3) VIPL	12.000	194.682	7) RGPPL Injection	11.650	182.671
4) RPL(AMT)	21.868	266.724	8) Pench (MS)	0.097	2.247
5) WPCL	4.757	64.523	9) Pench (Excess)	-0.097	-2.247
6) Other IPP	8.197	134.082	Total	122.142	1863.560
C) 1) TPCL Thermal	14.564	212.312	a) Mumbai Schedule	19.865	320.678
2) TPCL Hydro	3.267	51.722	b) Mumbai Drawl	24.549	388.049
3) TPCL Gas	4.242	66.698	c) MSEDCL Bilateral *	33.764	487.180
4) R-INFRA Thermal	10.954	176.773	Include PX	-0.705	-17.157
D) STATE			d) Mumbai Bilateral *	19.865	320.678
1) Thermal	263.254	4018.657	Include PX	1.884	43.169
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	8.720	167.234	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	15.256	227.414	1) MSEDCL	360.355	5535.383
4) Wind	7.154	133.246	2) Mumbai Discoms	57.576	895.541
6) SOLAR	1.405	20.826	TOTAL STATE	417.931	6430.924
TOTAL STATE	295.789	4567.377			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4522	4409	4296	3689
MSPGCL Hydro	724	259	183	129
MSPGCL Gas	479	448	468	464
MSPGCL Total Generation	5725	5116	4947	4282
Central Sector Receipt	5611	5289	5222	4200
WIND	115	380	497	223
CPP / IPP	6109	5977	6018	5513
SOLAR	177	165	0	0
Exchange with Mumbai	-1136	-1214	-1260	-573
MSEDCL DEMAND MET	16601	15713	15424	13645
Load Shedding	3	3	3	3
MSEDCL DEMAND	16604	15716	15427	13648
TPCL GENERATION	1257	1202	1035	698
R-INFRA GENERATION	517	518	463	404
MUMBAI DEMAND	2910	2934	2758	1675
STATE DEMAND MET	19511	18647	18182	15320
STATE DEMAND	19514	18650	18185	15323
Frequency (Hz)	49.98	49.98	49.96	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 18.17 Hrs	49.71 Hz at 14.23 Hrs	49.97	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 16/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	4.16	46.51	190	165
Unit 3	4.10	55.32	180	165
Unit 4	9.88	28.77	510	345
Unit 5	9.94	146.46	510	350
Total	28.08	277.06		
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	0.00	59.48	0	0
Unit 4	4.34	68.36	195	160
Unit 5	10.24	160.03	470	355
Unit 6	0.00	40.63	0	0
Unit 7	9.78	150.24	440	341
Total	24.36	478.74		
Paras				
Unit 3	5.76	72.67	255	200
Unit 4	5.69	51.07	256	200
Total	11.45	123.74		
Khaparkheda				
Unit 1	3.90	58.67	175	155
Unit 2	3.98	64.34	185	155
Unit 3	4.01	52.91	195	160
Unit 4	4.00	67.31	196	160
Unit 5	0.00	146.97	0	0
Total	15.88	390.20		
Nasik				
Unit 3	2.98	46.97	180	0
Unit 4	4.07	64.86	190	159
Unit 5	4.14	62.82	202	162
Total	11.19	174.66		
Uran				
All Units	11.01	160.72	479	417
Total	11.01	160.72		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.10	2.25	25	0
Total	0.10	2.25		
Koyna				
Stage 1-2	1.54	46.76	200	40
Stage 4	0.38	21.37	200	0
Stage 3	0.41	13.67	80	0
Total	2.33	81.80		
Hydro				
KDPH	0.79	6.94	33	33
VTRNA	0.00	0.00	0	0
TILLARI	0.25	2.33	64	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	3.35	40	0
RNGR+BHTSA	0.24	3.04	12	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.95	14.61	40	39
GHATGHAR	0.64	3.44	125	0
Total	3.12	33.71		
Wind				
Total	7.15	133.25	0	0
Total	7.15	133.25		
CPP				
APML(Mus)	64.81	976.37	0	0
JSWEL(Mus)	28.28	411.58	0	0
VIPL(Mus)	12.00	194.68	0	0
RPLAMT(Mus)	21.87	266.72	0	0
WPCL(Mus)	4.76	64.52	0	0
Other(Mus)	8.20	134.08	0	0
Total	139.91	2047.96		
SOLAR				
Total	1.40	20.83	0	0
Total	1.40	20.83		
Tata				
Trombay 5	9.26	149.69	486	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.66	41.68	114	91
Trombay 7B	1.58	25.02	67	59
Trombay 8	5.30	62.63	246	201
TATA Hydro	3.27	51.72	366	15
Total	22.07	330.73		
R-INFRA				
1-2	10.95	176.77	518	403
Total	10.95	176.77		

Infirm Power	Chandrapur 8	0.00	Koradi 9	6.85
---------------------	--------------	------	----------	------

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	97.82	1581.61
MSPGCL Thml+Gas	108.84	1742.33

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.45	115.51
MSPGCL Total	114.29	1857.84

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.92	68.13
State Total	295.79	4567.38

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/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	3626	129	461	4216	242	5495	0	5111	5044	-862	14135	3	14138	1964	16102	49.95
2	3630	134	474	4238	272	5490	0	4983	4637	-707	13930	3	13933	1810	15743	49.98
3	3646	129	473	4248	249	5501	0	4635	4478	-628	13848	3	13851	1730	15581	49.98
4	3689	129	464	4282	223	5513	0	4512	4200	-573	13645	3	13648	1675	15323	49.96
5	3673	124	465	4262	208	5516	0	4512	4549	-579	13956	3	13959	1678	15637	49.96
6	3958	134	474	4566	189	5632	0	4685	4482	-652	14217	3	14220	1766	15986	49.91
7	4259	144	462	4865	203	5975	0	5056	5153	-573	15623	3	15626	1920	17546	49.93
8	4458	124	472	5054	103	6086	25	5231	5093	-618	15743	3	15746	2047	17793	49.99
9	4560	129	479	5168	84	6140	78	5322	5413	-870	16013	3	16016	2313	18329	49.97
10	4554	193	456	5203	79	6085	127	5407	5611	-1016	16089	3	16092	2690	18782	49.95
11	4522	724	479	5725	115	6109	177	5528	5611	-1136	16601	3	16604	2910	19514	49.98
12	4537	658	417	5612	183	6084	184	5654	5461	-1182	16342	3	16345	2953	19298	49.97
13	4409	259	448	5116	380	5977	165	5590	5289	-1214	15713	3	15716	2934	18650	49.98
14	4126	169	440	4735	380	5910	198	5612	5375	-1173	15425	3	15428	2779	18207	49.98
15	3967	285	444	4696	412	5777	173	5648	5612	-1284	15386	3	15389	2828	18217	49.92
16	4024	452	459	4935	455	5700	149	5649	5797	-1373	15663	3	15666	2835	18501	49.95
17	4019	415	455	4889	464	5687	94	5335	5542	-1362	15314	3	15317	2827	18144	49.94
18	3973	270	431	4674	416	5653	33	4241	4587	-1358	14005	3	14008	2777	16785	50.00
19	4141	171	457	4769	501	5749	2	4460	4463	-1197	14287	3	14290	2712	17002	50.02
20	4296	183	468	4947	497	6018	0	5467	5222	-1260	15424	3	15427	2758	18185	49.96
21	4189	134	458	4781	410	6071	0	5420	5247	-1192	15317	3	15320	2620	17940	49.98
22	3942	123	458	4523	375	5991	0	5271	5056	-1253	14692	3	14695	2409	17104	49.99
23	3831	123	463	4417	396	5880	0	5090	5095	-1320	14468	3	14471	2392	16863	49.97
24	3795	118	457	4370	318	5872	0	5013	5124	-1167	14517	3	14520	2249	16769	49.98
MUs	97.82	5.45	11.01	114.29	7.15	139.91	1.40	123.43	122.14	-24.55	360.35	0.07	360.43	57.58	418.00	49.97

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 16/Mar/2016

Position as on 6.30 Hrs of 17/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	Koyna 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	
MSPGCL	Ghatghar Unit-1	125	15/02/2016	00.00		Continued.	Attending Water valve Leakage.	
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	Koyna Unit 9	80	10/03/2016	14.55		Continued.	GT buchhloz Alaram problem	
MSPGCL	Nasik Unit 3	210	11/03/2016	12.32	16/03/2016	02.15	Boiler Tube Leakage	
MSPGCL	Koyna Unit 11	80	11/03/2016	13.53		Continued.	stator earth fault	
MSPGCL	Chandrapur Unit 3	210	14/03/2016	13.32		Continued.	Suspected Boiler Tube Leakage.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Mar/2016

Statement-VII

Position as on 6.30 Hrs of 17/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							
HVDC Pole-I	IntraState	16/03/2016	22.24	17/03/2016	01.47	PO	For Checking of Converter TF
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	15/03/2016	17.16	16/03/2016	06.49	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	15/03/2016	17.25	16/03/2016	06.08	HT	Over Voltage
Koradi Bhilai	InterState	16/03/2016	03.52		Continued.	PO	A/R Successful.
Dhule Sar'Sarovar I	InterState	16/03/2016	17.16		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	16/03/2016	18.12	17/03/2016	07.02	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-II	IntraState	11/02/2016	18.40		Continued.	HT	CHANGE OVER
Bhusawal-Aurangabad	IntraState	14/03/2016	17.29		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	15/03/2016	16.06	16/03/2016	08.55	HT	Over Voltage
Solapur - Parli(PG) I	IntraState	16/03/2016	07.43	16/03/2016	19.40	PO	Non auto for OPGW work.
Koradi-Bhusawal	IntraState	16/03/2016	09.19	16/03/2016	17.34	PO	Insolator Maintenance.
400 KV ICT Outages/Trippings							
400 Kv 105 Mva Cgl Spare Ict @Dhule	IntraState	16/03/2016	08.45	16/03/2016	15.05	PO	Diagnostic Testing.
220 KV LINE Outages/Trippings							
Hingoli- Girawali	InterState	14/02/2016	12.37		Continued.	HT	To Improve Voltage @ Hingoli.
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- Alephata	IntraState	03/02/2016	06.28	16/03/2016	19.10	HT	controlling bblsr ICT Overloading
Bableshtar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	controlling bblsr ICT Overloading
Chinchwad-Hinjewadi I	IntraState	15/03/2016	20.10	16/03/2016	02.52	HT	For Chinchwad Outage.
Chakan-Chinchwad	IntraState	15/03/2016	20.25	16/03/2016	02.50	PO	M/C Tower Erection Work.
Telco- Chinchwad	IntraState	15/03/2016	20.28	16/03/2016	02.52	PO	M/C Tower Erection Work.
220kv Lonand- Phaltan line	IntraState	16/03/2016	10.04	16/03/2016	13.52	PO	Line Maintenance work
Kalwa - Airoli Knowledge Park	IntraState	16/03/2016	10.40	16/03/2016	17.14	PO	Protection Trial Through main breaker.
Nashik-Padgha	IntraState	16/03/2016	11.36	16/03/2016	18.24	PO	OPGW Work.
Theur-Phursungi	IntraState	16/03/2016	12.10	16/03/2016	16.58	PO	Tan Delta Measurment of CTs
Bableshtar -Bhenda	IntraState	16/03/2016	12.21	16/03/2016	14.54	T	Distance Protection
TBC @ Talegaon (Ambi)	IntraState	16/03/2016	12.30	16/03/2016	18.15	PO	CB Analyzer Demonstration.
Bableshtar- Ranjangaon	IntraState	16/03/2016	14.05	16/03/2016	21.10	T	Distance Protection
Pargaon(Kathapur)-Lonikand	IntraState	16/03/2016	19.22	16/03/2016	21.05	PO	Outage for Removing Kight Tread.
Bableshtar- Alephata	IntraState	16/03/2016	21.12		Continued.	HT	For Controlling BBLSR Loading.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now

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 16/Mar/2016

Statement-VII

Position as on 6.30 Hrs of 17/Mar/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Borivali							repaired and ready for commissioning)
220/100 Kv 200 Mva Bhel Ict 1 @Kalwa	IntraState	11/03/2016	02.27	16/03/2016	22.52	T	Due to Newly Erected 50MVA T/F -I caught fire.