

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Mar/2016 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	100.050	1777.534	1) Gujrat	-2.120	-55.017
2) Hydro	8.576	128.719	2) Madhya Pradesh	12.557	201.029
3) Gas	10.841	182.594	3) Chattisgarh	6.960	119.910
Total MSPGCL	119.467	2088.847	4) Maharashtra Net	86.295	1585.296
B) 1) APLM	64.931	1104.748	5) Goa (Amona)	-0.414	-11.616
2) JSWEL	28.234	467.341	6) TAPS 1&2 Injection	3.531	65.502
3) VIPL	11.856	216.949	7) RGPPL Injection	11.595	205.917
4) RPL(AMT)	25.407	318.308	8) Pench (MS)	0.356	2.893
5) WPCL	4.542	73.818	9) Pench (Excess)	-0.356	-2.893
6) Other IPP	8.503	150.719	Total	118.048	2108.128
C) 1) TPCL Thermal	15.869	241.998	a) Mumbai Schedule	22.090	361.940
2) TPCL Hydro	3.478	58.552	b) Mumbai Drawl	27.807	442.072
3) TPCL Gas	4.326	75.298	c) MSEDCL Bilateral *	33.384	554.917
4) R-INFRA Thermal	7.740	194.996	Include PX	-1.975	-19.784
D) STATE			d) Mumbai Bilateral *	21.390	361.240
1) Thermal	267.132	4546.411	Include PX	3.484	49.779
(A1+C1+C4+(B1-B6))			Include Standby	0.700	0.700
2) Hydro (A2+C2)	12.054	187.271	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	15.167	257.892	1) MSEDCL	365.057	6264.054
4) Wind	10.495	153.686	2) Mumbai Discoms	59.220	1012.903
6) SOLAR	1.381	23.582	TOTAL STATE	424.277	7276.957
TOTAL STATE	306.229	5168.842			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4629	4648	4062	3760
MSPGCL Hydro	410	380	1068	125
MSPGCL Gas	427	437	452	463
MSPGCL Total Generation	5466	5465	5582	4348
Central Sector Receipt	5557	5216	5487	4108
WIND	106	163	456	610
CPP / IPP	6437	6377	5552	5688
SOLAR	181	200	0	0
Exchange with Mumbai	-1505	-1503	-1341	-628
MSEDCL DEMAND MET	16242	15918	15736	14126
Load Shedding	0	0	0	0
MSEDCL DEMAND	16242	15918	15736	14126
TPCL GENERATION	1272	1251	1166	698
R-INFRA GENERATION	256	258	260	404
MUMBAI DEMAND	3033	3012	2767	1730
STATE DEMAND MET	19275	18930	18503	15856
STATE DEMAND	19275	18930	18503	15856
Frequency (Hz)	49.94	49.95	49.95	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 18:01 Hrs	49.65 Hz at 14:32 Hrs	49.95	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 18/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	4.08	54.68	190	160
Unit 3	4.07	63.46	180	160
Unit 4	9.62	47.94	500	345
Unit 5	9.67	165.70	510	350
Total	27.44	331.77		
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	2.61	62.09	185	0
Unit 4	4.27	76.76	196	160
Unit 5	10.12	179.54	470	360
Unit 6	0.00	40.63	0	0
Unit 7	9.13	168.48	410	350
Total	26.14	527.50		
Paras				
Unit 3	5.56	83.44	258	186
Unit 4	5.67	61.91	255	200
Total	11.23	145.36		
Khaparkheda				
Unit 1	3.92	66.48	180	155
Unit 2	3.94	72.24	175	160
Unit 3	4.06	60.97	190	160
Unit 4	4.10	75.50	205	152
Unit 5	0.00	146.97	0	0
Total	16.02	422.16		
Nasik				
Unit 3	4.16	55.25	205	160
Unit 4	4.12	73.08	193	159
Unit 5	3.27	70.25	200	0
Total	11.55	198.59		
Uran				
All Units	10.84	182.59	484	412
Total	10.84	182.59		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.36	2.89	49	0
Total	0.36	2.89		
Koyna				
Stage 1-2	3.58	52.00	495	40
Stage 4	0.85	22.22	358	0
Stage 3	0.84	14.79	80	0
Total	5.28	89.00		
Hydro				
KDPH	0.79	8.53	33	33
VTRNA	0.00	0.00	0	0
TILLARI	0.25	2.83	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	3.73	40	0
RNGR+BHTSA	0.24	3.50	10	9
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	1.00	16.60	42	41
GHATGHAR	0.78	4.54	125	0
Total	3.30	39.71		
Wind				
Total	10.50	153.69	0	0
Total	10.50	153.69		
CPP				
APML(Mus)	64.93	1104.75	0	0
JSWEL(Mus)	28.23	467.34	0	0
VIPL(Mus)	11.86	216.95	0	0
RPLAMT(Mus)	25.41	318.31	0	0
WPCL(Mus)	4.54	73.82	0	0
Other(Mus)	8.50	150.72	0	0
Total	143.47	2331.88		
SOLAR				
Total	1.38	23.58	0	0
Total	1.38	23.58		
Tata				
Trombay 5	10.23	168.58	486	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.72	47.09	114	113
Trombay 7B	1.60	28.21	68	66
Trombay 8	5.64	73.42	248	201
TATA Hydro	3.48	58.55	365	0
Total	23.67	375.85		
R-INFRA				
1-2	7.74	195.00	518	219
Total	7.74	195.00		

Infirm Power	Chandrapur 8	0.00	Koradi 9	7.68
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	100.05	1777.53
MSPGCL Thml+Gas	110.89	1960.13

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	8.58	128.72
MSPGCL Total	119.47	2088.85

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	4.44	74.22
State Total	306.23	5168.84

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/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	3981	230	463	4674	483	5769	0	4939	4809	-928	14807	0	14807	2046	16853	49.98
2	3986	135	464	4585	541	5836	0	4867	4276	-781	14457	0	14457	1882	16339	49.99
3	3769	130	472	4371	543	5745	0	4765	4277	-685	14251	0	14251	1785	16036	49.99
4	3760	125	463	4348	610	5688	0	4669	4108	-628	14126	0	14126	1730	15856	50.00
5	3762	130	484	4376	547	5663	0	4765	4268	-612	14242	0	14242	1714	15956	49.99
6	4093	135	464	4692	492	5902	0	5094	4539	-658	14967	0	14967	1796	16763	49.95
7	4568	352	475	5395	559	6312	0	5168	4372	-584	16054	0	16054	1962	18016	50.03
8	4590	405	463	5458	364	6350	29	5261	4784	-663	16322	0	16322	2087	18409	50.04
9	4642	433	482	5557	271	6384	84	5471	4630	-957	15969	0	15969	2331	18300	49.98
10	4337	666	449	5452	210	6176	129	5537	5440	-1323	16084	0	16084	2699	18783	49.89
11	4631	646	445	5722	177	6291	161	5365	5396	-1464	16283	0	16283	2983	19266	49.88
12	4629	410	427	5466	106	6437	181	5448	5557	-1505	16242	0	16242	3033	19275	49.94
13	4648	380	437	5465	163	6377	200	5448	5216	-1503	15918	0	15918	3012	18930	49.95
14	4515	274	442	5231	308	6158	187	5376	5093	-1493	15484	0	15484	2902	18386	49.97
15	4023	406	429	4858	403	5959	158	5385	5584	-1515	15447	0	15447	2962	18409	49.83
16	3926	757	412	5095	458	5855	137	5368	5473	-1506	15512	0	15512	2994	18506	49.86
17	3879	635	429	4943	564	5860	83	5113	5322	-1496	15276	0	15276	2980	18256	49.93
18	3846	194	454	4494	547	5712	31	4771	4863	-1442	14205	0	14205	2899	17104	49.97
19	3775	291	445	4511	495	5447	1	4672	4795	-1394	13855	0	13855	2755	16610	49.91
20	4062	1068	452	5582	456	5552	0	5163	5487	-1341	15736	0	15736	2767	18503	49.95
21	4164	400	435	4999	465	5994	0	5148	5113	-1331	15240	0	15240	2657	17897	49.96
22	4133	128	436	4697	557	6046	0	5010	4942	-1332	14910	0	14910	2514	17424	49.98
23	4142	123	459	4724	568	6019	0	4975	4738	-1332	14717	0	14717	2417	17134	49.96
24	4189	123	460	4772	608	5942	0	5006	4966	-1334	14954	0	14954	2313	17267	49.98
MUs	100.05	8.58	10.84	119.47	10.50	143.47	1.38	122.78	118.05	-27.81	365.06	0.00	365.06	59.22	424.28	49.95

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 18/Mar/2016

Position as on 6.30 Hrs of 19/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								
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	Koyana Unit 11	80	11/03/2016	13.53		Continued.	stator earth fault	
MSPGCL	Chandrapur Unit 3	210	14/03/2016	13.32	18/03/2016	00.56	Suspected Boiler Tube Leakage.	
IPP	VIPL U-2	300	17/03/2016	19.06	18/03/2016	00.02	Loss of fuel	
MSPGCL	Chandrapur Unit 3	210	18/03/2016	01.28	18/03/2016	04.40	HPT Differntial Expansion Out Limit.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 18/Mar/2016

Position as on 6.30 Hrs of 19/Mar/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
RINFRA-G	REL Unit 2	250	18/03/2016	08.39		Continued.	STATER EARTH FAULT	
MSPGCL	Nasik Unit 5	210	18/03/2016	14.30	18/03/2016	19.07	AUXILARY SUPPLY FAIL	
IPP	WPCL U-3	135	19/03/2016	00.00		Continued.	DSP BACK FILTTER DC HIGH	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Mar/2016

Statement-VII

Position as on 6.30 Hrs of 19/Mar/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	17/03/2016	17.17	18/03/2016	09.05	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	17/03/2016	18.11	18/03/2016	08.08	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	18/03/2016	17.20		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	18/03/2016	21.23		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)
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
karad -kolhapur-II	IntraState	17/03/2016	16.07	18/03/2016	08.48	HT	Over Voltage
Karad-Jaigad - I	IntraState	17/03/2016	16.10	18/03/2016	08.51	HT	Over Voltage
Karad-Jaigad - I	IntraState	18/03/2016	16.06		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315 MVA ICT- III@Padgha	IntraState	18/03/2016	08.33	18/03/2016	19.50	PO	DIAGNOSTIC TESTING WORK . LV CHARGED THROUGH TBC
400/220kv 315 Mva ICT I @Karad	IntraState	18/03/2016	10.18	19/03/2016	03.23	PO	B PHASE BUSHING REPLACEMENT WORK DUE TO HIGH TAN DELTA
400/220 KV 500 MVA ICT- III @ Aurangabad	IntraState	18/03/2016	12.09	18/03/2016	19.08	PO	SHIFTED ON TBC FOR C B OVERHAULING WORK
220 KV LINE Outages/Trippings							
Hingoli- Girawali	InterState	14/02/2016	12.37		Continued.	HT	To Improve Voltage @ Hingoli.
Wardha Deoli (Pg)	InterState	18/03/2016	12.44	18/03/2016	15.19	T	Distance Protection
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	controlling bblsr ICT Overloading
Bableshtar - Alephata	IntraState	16/03/2016	21.12		Continued.	HT	For Controlling BBLSR Loading.
Chitegaon-Shendra Ckt-I	IntraState	18/03/2016	06.57		Continued.	PO	FOR MAKING LILO ARRANGEMENT ON L NO 112 AT AURANGABAD PG S/S.
Chitegaon-Shendra Ckt-II	IntraState	18/03/2016	06.58		Continued.	PO	FOR MAKING LILO ARRANGEMENT ON L NO 112 AT AURANGABAD PG S/S.
Mahad - Pedambe	IntraState	18/03/2016	08.18	18/03/2016	16.15	PO	Annual Maintenance Work
Jambhul - Anandnagar	IntraState	18/03/2016	09.10	18/03/2016	18.18	PO	Annual Maintenance Work
Kalwa - Taloja	IntraState	18/03/2016	09.14	18/03/2016	19.39	PO	EARTH WIRE REPLACEMENT WORK
Padghe - Wada	IntraState	18/03/2016	10.38	18/03/2016	20.04	PO	DIAGNOSTIC TESTING WORK
Ghatghar - Bapgaon	IntraState	18/03/2016	11.04	18/03/2016	17.40	PO	Line Maintenance work

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 18/Mar/2016

Statement-VII

Position as on 6.30 Hrs of 19/Mar/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Eklahare (Gcr) - Ghatghar	IntraState	18/03/2016	11.34	18/03/2016	17.05	PO	Line Maintenance work
Eklahara(Gcr)(Nasik)- Bableshtar 2	IntraState	18/03/2016	14.30	18/03/2016	15.06	T	Bus section 3 operated
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)
220/132kv 200mva Vijai Ptr 1 @Lonand	IntraState	18/03/2016	10.50	18/03/2016	16.03	PO	Attending Hot Spot
220/132KV 100MVA -1@Alephata	IntraState	18/03/2016	12.15	18/03/2016	19.32	PO	Annual Maintenance Work