

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Mar/2016 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	82.424	2401.193	1) Gujrat	-0.767	-60.723
2) Hydro	5.299	171.929	2) Madhya Pradesh	16.402	302.941
3) Gas	10.903	257.836	3) Chattisgarh	8.210	173.670
Total MSPGCL	98.626	2830.958	4) Maharashtra Net	99.234	2247.898
B) 1) APML	60.939	1549.504	5) Goa (Amona)	-0.194	-12.300
2) JSWEL	27.487	661.842	6) TAPS 1&2 Injection	3.680	90.713
3) VIPL	11.316	300.552	7) RGPPL Injection	12.267	289.041
4) RPL(AMT)	18.555	464.228	8) Pench (MS)	0.048	3.841
5) WPCL	2.936	93.802	9) Pench (Excess)	-0.048	-3.841
6) Other IPP	8.018	206.388	Total	138.784	3027.399
C) 1) TPCL Thermal	15.346	346.747	a) Mumbai Schedule	24.271	523.604
2) TPCL Hydro	3.023	76.575	b) Mumbai Drawl	29.071	643.392
3) TPCL Gas	4.389	105.536	c) MSEDCL Bilateral *	33.882	771.680
4) R-INFRA Thermal	4.837	234.826	Include PX	0.000	-36.201
D) STATE			d) Mumbai Bilateral *	24.271	522.904
1) Thermal	231.858	6259.082	Include PX	7.292	93.868
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.700
2) Hydro	8.322	248.504	H) ENERGY CATERED (MUs)		
3) Gas	15.292	363.372	1) MSEDCL	347.178	8758.207
4) Wind	8.468	233.481	2) Mumbai Discoms	56.666	1407.063
6) SOLAR	1.120	33.445	TOTAL STATE	403.844	10165.270
TOTAL STATE	265.060	7137.884			

* 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 4 Hrs
MSPGCL Thermal	3965	3623	3288	3305
MSPGCL Hydro	389	225	599	82
MSPGCL Gas	460	455	460	468
MSPGCL Total Generation	4814	4303	4347	3855
Central Sector Receipt	6028	6086	5703	5136
WIND	351	251	587	176
CPP / IPP	5799	5787	5300	4989
SOLAR	146	101	0	0
Exchange with Mumbai	-1316	-1321	-1292	-945
MSEDCL DEMAND MET	15822	15207	14645	13211
Load Shedding	0	0	0	0
MSEDCL DEMAND	15822	15207	14645	13211
TPCL GENERATION	1129	1172	1147	695
R-INFRA GENERATION	201	201	202	202
MUMBAI DEMAND	2646	2694	2641	1842
STATE DEMAND MET	18468	17901	17286	15053
STATE DEMAND	18468	17901	17286	15053
Frequency (Hz)	49.99	49.93	49.96	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 18.01 Hrs	49.74 Hz at 09.38 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 25/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	0.00	75.12	0	0
Unit 3	4.05	91.90	175	160
Unit 4	8.89	114.96	500	345
Unit 5	8.88	224.14	500	350
Total	21.82	506.10		
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	4.20	92.44	199	163
Unit 4	4.18	106.83	195	167
Unit 5	9.39	249.09	465	360
Unit 6	0.00	40.63	0	0
Unit 7	9.26	234.00	450	349
Total	27.02	722.99		
Paras				
Unit 3	5.05	110.46	255	186
Unit 4	4.99	94.69	240	192
Total	10.04	205.15		
Khaparkheda				
Unit 1	3.84	93.90	175	150
Unit 2	3.93	100.20	180	160
Unit 3	3.94	89.63	192	157
Unit 4	3.96	99.83	203	154
Unit 5	0.00	146.97	0	0
Total	15.68	530.54		
Nasik				
Unit 3	3.94	84.04	170	160
Unit 4	0.00	93.66	0	0
Unit 5	3.93	99.06	169	159
Total	7.86	276.76		
Uran				
All Units	10.90	257.84	468	430
Total	10.90	257.84		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.05	3.84	24	0
Total	0.05	3.84		
Koyna				
Stage 1-2	2.18	68.26	265	40
Stage 4	0.63	24.75	329	0
Stage 3	0.55	19.21	124	0
Total	3.37	112.23		
Hydro				
KDPH	0.00	12.42	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.24	4.52	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	4.66	40	0
RNGR+BHTSA	0.20	5.04	9	8
BHANDARDRA	0.43	2.56	19	18
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.35	21.62	15	14
GHATGHAR	0.61	8.89	125	0
Total	1.93	59.70		
Wind				
Total	8.47	233.48	0	0
Total	8.47	233.48		
CPP				
APML(Mus)	60.94	1549.50	0	0
JSWEL(Mus)	27.49	661.84	0	0
VIPL(Mus)	11.32	300.55	0	0
RPLAMT(Mus)	18.56	464.23	0	0
WPCL(Mus)	2.94	93.80	0	0
Other(Mus)	8.02	206.39	0	0
Total	129.25	3276.32		
SOLAR				
Total	1.12	33.44	0	0
Total	1.12	33.44		
Tata				
Trombay 5	9.86	236.45	486	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	66.13	120	113
Trombay 7B	1.61	39.40	69	66
Trombay 8	5.48	110.30	249	201
TATA Hydro	3.02	76.58	296	21
Total	22.76	528.86		
R-INFRA				
1-2	4.84	234.83	202	201
Total	4.84	234.83		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	82.42	2401.19
MSPGCL Thml+Gas	93.33	2659.03

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.30	171.93
MSPGCL Total	98.63	2830.96

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.81	93.02
State Total	265.06	7137.88

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/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	3314	757	465	4536	298	5123	0	4398	4976	-1297	13636	0	13636	2194	15830	50.00
2	3315	119	466	3900	276	5353	0	5141	5053	-1137	13445	0	13445	2036	15481	50.01
3	3296	82	457	3835	235	5176	0	5220	5380	-1020	13606	0	13606	1919	15525	50.00
4	3305	82	468	3855	176	4989	0	5094	5136	-945	13211	0	13211	1842	15053	50.00
5	3308	82	458	3848	151	5006	0	4496	5276	-919	13362	0	13362	1817	15179	49.95
6	3314	87	460	3861	128	4984	0	4701	5650	-954	13669	0	13669	1852	15521	49.98
7	3278	82	457	3817	102	5014	0	4917	6224	-984	14173	0	14173	1881	16054	50.00
8	3299	82	457	3838	124	5230	15	5278	6739	-1041	14905	0	14905	1938	16843	49.95
9	3332	463	468	4263	183	5293	67	5699	6659	-1103	15362	0	15362	2139	17501	49.92
10	3653	551	447	4651	257	5681	115	5859	6411	-1167	15948	0	15948	2402	18350	49.90
11	3965	389	460	4814	351	5799	146	5970	6028	-1316	15822	0	15822	2646	18468	49.99
12	4002	357	437	4796	379	5806	172	5941	5720	-1376	15497	0	15497	2753	18250	49.98
13	3701	90	430	4221	329	5778	166	5940	5874	-1354	15014	0	15014	2765	17779	49.95
14	3589	80	434	4103	308	5785	138	5933	5974	-1279	15029	0	15029	2636	17665	50.00
15	3596	80	445	4121	298	5809	129	5926	5969	-1313	15013	0	15013	2671	17684	49.97
16	3623	225	455	4303	251	5787	101	5949	6086	-1321	15207	0	15207	2694	17901	49.93
17	3427	160	436	4023	303	5689	56	5915	5965	-1326	14710	0	14710	2676	17386	49.98
18	3316	80	456	3852	399	5388	15	5366	5686	-1332	14008	0	14008	2628	16636	49.98
19	3292	304	456	4052	568	5195	0	5021	5236	-1310	13741	0	13741	2577	16318	49.96
20	3288	599	460	4347	587	5300	0	5764	5703	-1292	14645	0	14645	2641	17286	49.96
21	3313	120	454	3887	645	5469	0	5816	5655	-1314	14342	0	14342	2592	16934	49.96
22	3314	85	468	3867	723	5278	0	5704	5668	-1349	14187	0	14187	2499	16686	49.94
23	3305	85	455	3845	804	5199	0	5727	5714	-1321	14241	0	14241	2442	16683	49.95
24	3279	258	454	3991	593	5123	0	5755	6002	-1301	14408	0	14408	2426	16834	49.95
MUs	82.42	5.30	10.90	98.63	8.47	129.25	1.12	131.53	138.78	-29.07	347.18	0.00	347.18	56.67	403.84	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 25/Mar/2016

Position as on 6.30 Hrs of 26/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	
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 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	25/03/2016	22.37	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 25/Mar/2016

Position as on 6.30 Hrs of 26/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	25/03/2016	19.50	Motor Air Cooler LW Flow Low	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Mar/2016

Statement-VII

Position as on 6.30 Hrs of 26/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	23/03/2016	17.18	25/03/2016	06.41	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	24/03/2016	16.15	25/03/2016	06.51	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	25/03/2016	17.31		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	25/03/2016	17.38		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	23/03/2016	16.26	25/03/2016	09.26	HT	Over Voltage
Karad-Jaigad - I	IntraState	23/03/2016	17.29	25/03/2016	08.09	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	24/03/2016	17.06	25/03/2016	08.41	HT	Over Voltage
N.Koyna-Karad -Ckt II	IntraState	25/03/2016	08.38		Continued.	PO	CVT Tan Deltaand R.M.Work (RFC 17.35Hrs)
karad -kolhapur-I	IntraState	25/03/2016	16.13		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	25/03/2016	18.01		Continued.	HT	Over Voltage
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).
Bableshevar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Hingoli- Girawali	IntraState	14/02/2016	12.37		Continued.	HT	To Improve Voltage @ Hingoli.
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.
Bableshevar- Alephata	IntraState	19/03/2016	19.44		Continued.	HT	To control BBLSR ICT Loading
Kamba - Kolshet	IntraState	25/03/2016	07.02		Continued.	PO	Dismantling of Old Tower and Stringing work on New M/C Tower
Padghe-Borivali	IntraState	25/03/2016	07.09		Continued.	PO	Dismantling of Old Tower and Stringing work on New M/C Tower
Pedambe-Pophali	IntraState	25/03/2016	08.20	25/03/2016	15.00	PO	Line Maintenance work
Padghe - Jambhul 1	IntraState	25/03/2016	11.17	25/03/2016	16.19	T	Distance Protection
Apta - Kalwa	IntraState	25/03/2016	12.11	25/03/2016	14.31	PO	Tan Delta Testing and Breaker CRM
Khadaka-Chaligaon III	IntraState	25/03/2016	13.58		Continued.	T	Distance Protection
Nadgaonpeth-Amravati	IntraState	25/03/2016	14.03	25/03/2016	15.14	T	Distance Protection
Butibori-Abhijeet	IntraState	25/03/2016	14.20	25/03/2016	14.53	T	Distance Protection
Nadgaonpeth-Amravati	IntraState	25/03/2016	16.09	25/03/2016	16.28	T	Distance Protection
220 KV ICT Outages/Trippings							

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 25/Mar/2016

Statement-VII

Position as on 6.30 Hrs of 26/Mar/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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)
220/100 kV 200 MVA ICT III @Apta	IntraState	25/03/2016	09.04	25/03/2016	16.00	PO	R Phase HV Bushing repl.work