

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Mar/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	116.490	1309.891	1) Gujrat	-0.968	1.260
2) Hydro	9.493	116.329	2) Madhya Pradesh	14.978	140.736
3) Gas	10.564	105.129	3) Chattisgarh	8.700	83.630
Total MSPGCL	136.547	1531.349	4) Maharashtra Net	130.770	1343.152
B) 1) APLM	62.681	717.233	5) Goa (Amona)	-0.800	-6.736
2) JSWEL	17.486	153.724	Total	152.680	1562.042
3) VIPL	5.435	63.031	a) Mumbai Schedule	20.062	202.069
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	25.904	228.470
5) WPCL	2.386	35.152	c) MSEDCL Bilateral *	34.661	373.667
6) PGPL	0.000	0.000	Include PX	6.055	85.044
7) Other IPP	5.991	60.900	d) Mumbai Bilateral *	20.062	202.069
C) 1) TPCL Thermal	12.210	145.082	Include PX	9.114	84.491
2) TPCL Hydro	4.306	42.023	Include Standby	0.000	0.000
3) TPCL Gas	4.414	44.169	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.275	103.686	1) MSEDCL	382.937	4000.585
D) STATE			2) Mumbai Discoms	56.105	563.420
1) Thermal	231.954	2588.699	TOTAL STATE	439.042	4564.005
(A1+C1+C4+(B1-B6))					
2) Hydro	13.799	158.352			
(A2+C2)					
3) Gas	14.978	149.298			
(A3+B6+C3)					
4) Wind	24.233	91.940			
6) SOLAR	1.402	13.684			
TOTAL STATE	286.366	3001.973			

* 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	5909	4442	4424	4400
MSPGCL Hydro	277	496	1290	358
MSPGCL Gas	442	428	445	444
MSPGCL Total Generation	6628	5366	6159	5202
Central Sector Receipt	7282	7441	6145	5821
WIND	945	1350	707	592
CPP / IPP Thermal	4476	4047	3739	3921
CPP / IPP Gas	0	0	0	0
SOLAR	77	189	0	0
Exchange with Mumbai	-1015	-1384	-1328	-1138
MSEDCL DEMAND MET	18393	17009	15422	14398
Load Shedding	0	0	0	0
MSEDCL DEMAND	18393	17009	15422	14398
TPCL GENERATION	906	1100	938	705
R-INFRA GENERATION	387	387	387	387
MUMBAI DEMAND	2308	2871	2653	2230
STATE DEMAND MET	20701	19880	18075	16628
STATE DEMAND	20701	19880	18075	16628
Frequency (Hz)	50.02	50.03	50.02	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 00.00 Hrs	49.78 Hz at 21.06 Hrs	50.02	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 10/Mar/2017

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	0.00	0	0
Unit 8	12.78	139.46	660	485
Unit 9	8.89	84.08	400	319
Unit 10	0.00	0.00	0	0
Total	21.68	223.54		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	9.06	0	0
Unit 4	9.36	105.96	500	370
Unit 5	9.23	106.03	510	360
Total	18.59	221.05		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.03	54.78	250	196
Unit 7	4.85	52.95	248	187
Unit 8	0.00	0.00	0	0
Total	9.88	107.73		
Chandrapur				
Unit 3	4.22	44.44	199	163
Unit 4	4.31	29.75	196	172
Unit 5	9.16	99.52	445	355
Unit 6	3.26	92.37	410	234
Unit 7	0.00	0.00	0	0
Unit 8	9.52	49.59	486	360
Unit 9	5.14	82.99	430	0
Total	35.60	398.66		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.10	56.26	260	190
Total	5.10	56.26		
Khaparkheda				
Unit 1	0.00	6.32	0	0
Unit 2	3.93	34.44	195	145
Unit 3	3.94	43.03	200	116
Unit 4	0.00	26.57	0	0
Unit 5	9.70	106.58	500	380
Total	17.56	216.94		
Nasik				
Unit 3	4.10	42.96	180	165
Unit 4	3.97	42.75	169	161
Unit 5	0.00	0.00	0	0
Total	8.08	85.71		
Uran				
All Units	10.56	105.13	458	428
Total	10.56	105.13		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.00	0.94	0	0
Total	0.00	0.94		
Koyna				
Stage 1-2	2.66	28.68	375	40
Stage 4	0.65	20.45	500	0
Stage 3	1.39	11.10	160	0
Total	4.71	60.23		
Hydro				
KDPH	0.86	8.64	36	36
VTRNA	1.39	10.88	58	58
TILLARI	0.68	5.20	62	0
BHTGR/VEER	0.00	0.53	0	0
BHIRA T.R.	0.25	2.28	80	0
RNGR+BHTSA	0.34	3.17	15	14
BHANDARDRA	0.50	4.92	36	13
ELDARY	0.26	1.13	11	10
SMLHY_PTN	0.50	5.79	21	21
GHATGHAR	0.00	13.56	0	0
Total	4.79	56.10		
Wind				
Total	24.23	91.94	0	0
Total	24.23	91.94		
CPP				
APML(Mus)	62.68	717.23	0	0
JSWEL(Mus)	17.49	153.72	0	0
VIPL(Mus)	5.44	63.03	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.39	35.15	0	0
Other(Mus)	5.99	60.90	0	0
Total	93.98	1030.04		
SOLAR				
Total	1.40	13.68	0	0
Total	1.40	13.68		
Tata				
Trombay 5	7.42	92.38	343	303
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.82	28.33	123	94
Trombay 7B	1.60	15.84	69	59
Trombay 8	4.79	52.70	203	185
TATA Hydro	4.31	42.02	459	9
Total	20.93	231.27		
R-INFRA				
1-2	9.28	103.69	387	385
Total	9.28	103.69		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	116.49	1309.89	MSPGCL Total	136.55	1531.35
			MSPGCL Thml+Gas	127.05	1415.02	Koyna 1,2 & 4 Total	3.31	49.13
			MSPGCL Hydro	9.49	116.33	State Total	286.37	3001.97

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/Mar/2017

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	5290	195	436	5921	623	3860	0	0	6190	6036	-863	15577	0	15577	1940	17517	50.04
2	5075	200	446	5721	707	3870	0	0	6008	5654	-707	15245	0	15245	1787	17032	50.02
3	5015	194	446	5655	850	3648	0	0	5843	5746	-612	15287	0	15287	1693	16980	50.05
4	5006	194	446	5646	1008	3572	0	0	5577	5474	-556	15144	0	15144	1639	16783	50.06
5	5055	198	458	5711	1080	3672	0	0	5802	5554	-563	15454	0	15454	1644	17098	50.06
6	5440	229	448	6117	1104	3948	0	0	6062	5742	-652	16259	0	16259	1763	18022	50.01
7	5956	300	435	6691	1118	4346	0	0	6547	5813	-732	17236	0	17236	1917	19153	50.03
8	6013	237	448	6698	961	4460	0	23	7018	6698	-817	18023	0	18023	2059	20082	49.99
9	5909	277	442	6628	945	4476	0	77	7237	7282	-1015	18393	0	18393	2308	20701	50.02
10	5528	351	431	6310	1253	4491	0	138	6724	6265	-1401	17056	0	17056	2659	19715	49.99
11	4560	385	445	5390	1305	4453	0	180	7033	6835	-1356	16807	0	16807	2857	19664	49.97
12	4354	564	432	5350	1256	4121	0	201	7583	7652	-1372	17208	0	17208	2916	20124	49.99
13	4442	496	428	5366	1350	4047	0	189	7507	7441	-1384	17009	0	17009	2871	19880	50.03
14	4330	358	436	5124	1365	3843	0	181	7003	7041	-1294	16260	0	16260	2711	18971	50.09
15	4442	233	429	5104	1365	3599	0	151	6746	7123	-1350	15992	0	15992	2727	18719	50.05
16	4516	338	428	5282	1423	3559	0	129	6437	6970	-1375	15988	0	15988	2751	18739	49.99
17	4507	468	449	5424	1334	3561	0	96	5840	6483	-1352	15546	0	15546	2740	18286	50.01
18	4499	623	431	5553	1234	3500	0	36	5522	6074	-1282	15115	0	15115	2672	17787	50.00
19	4481	870	430	5781	886	3487	0	1	5345	5942	-1280	14817	0	14817	2621	17438	50.04
20	4424	1290	445	6159	707	3739	0	0	5917	6145	-1328	15422	0	15422	2653	18075	50.02
21	4410	463	442	5315	584	3895	0	0	6273	6403	-1288	14909	0	14909	2521	17430	50.02
22	4440	378	445	5263	594	3924	0	0	6221	6273	-1194	14860	0	14860	2353	17213	49.99
23	4400	358	444	5202	592	3921	0	0	6139	5821	-1138	14398	0	14398	2230	16628	49.99
24	4398	294	444	5136	589	3988	0	0	5986	6213	-993	14933	0	14933	2077	17010	50.05
MUs	116.49	9.49	10.56	136.55	24.23	93.98	0.00	1.40	152.56	152.68	-25.90	382.94	0.00	382.94	56.11	439.05	50.02

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 10/Mar/2017

Position as on 6.30 Hrs of 11/Mar/2017

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,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
MSPGCL	Paras Unit 3	250	25/10/2016	08.54		Continued.	(Stator Fault)continued under AOH.26/10/2016 00.00hrs	
MSPGCL	Chandrapur Unit 7	500	25/01/2017	19.32		Continued.	Turbine Problem, continued under COH	
MSPGCL	Koyna Unit 7	80	10/02/2017	11.20		Continued.	Maintenance Work.	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		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 PPA.	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		Continued.	No PPA	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
IPP	RPL(AMT) U-3	270	29/06/2016	03.01		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
IPP	RPL(AMT) U-5	270	15/11/2016	20.00		Continued.	Zero schedule by MSEDCL	
IPP	RPL(AMT) U-4	270	16/11/2016	21.03		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-2	270	16/11/2016	22.36		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-1	270	17/11/2016	17.23		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Parli Unit 8	250	18/11/2016	16.23		Continued.	w/dn for balance work.	
IPP	JSW (J) U2	300	01/12/2016	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	03/01/2017	00.45		Continued.	turbine bearing temprature high.	
MSPGCL	Koradi Unit 10	660	07/02/2017	00.10		Continued.	Work Of PG Test.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 10/Mar/2017

Position as on 6.30 Hrs of 11/Mar/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Koradi Unit 7	210	15/02/2017	14.18		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Nasik Unit 5	210	24/02/2017	14.30		Continued.	Zero Schedule.	
MSPGCL	Khaparkheda Unit 1	210	02/03/2017	13.08		Continued.	zero schedule.	
MSPGCL	Bhusawal Unit 3	210	03/03/2017	06.42		Continued.	zero schedule	
MSPGCL	Khaparkheda Unit 4	210	07/03/2017	07.19		Continued.	Boiler Tube Leakage	
CPP	SWPGL U-3	135	08/03/2017	15.00		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 6	500	10/03/2017	08.50		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 9	500	10/03/2017	10.09	10/03/2017	14.02	P A Fan Tripped.	
MSPGCL	Chandrapur Unit 9	500	10/03/2017	19.46		Continued.	Air Preheater Problem.	
MSPGCL	Khaparkheda Unit 3	210	10/03/2017	23.50		Continued.	Zero Schedule.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Mar/2017

Statement-VII

Position as on 6.30 Hrs of 11/Mar/2017

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 II	InterState	09/03/2017	18.31	10/03/2017	06.45	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	10/03/2017	18.02	11/03/2017	07.00	HT	Over Voltage
karad -kolhapur-II	IntraState	09/03/2017	16.33	10/03/2017	09.07	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	09/03/2017	18.27	10/03/2017	06.16	HT	Over Voltage
Karad - Jaigad - II	IntraState	10/03/2017	16.33	11/03/2017	07.05	HT	Over Voltage
karad -kolhapur-I	IntraState	10/03/2017	16.36	11/03/2017	07.00	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	10/03/2017	17.54	11/03/2017	06.48	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315 MVA ICT-III@Padgha	IntraState	10/03/2017	08.40	10/03/2017	19.20	PO	Routine Maintenance Work
400/220 KV 500MVA ICT II @ Nanded	IntraState	10/03/2017	16.11	10/03/2017	22.06	PO	Due to Induction Bus-2.
220 KV LINE Outages/Trippings							
Nasik Navsari II	InterState	10/03/2017	10.14	10/03/2017	12.02	PO	For Attending CT Broken Conductor Replacement Work.
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.
Kharghar - Tss Panvel	IntraState	05/03/2017	08.16		Continued.	PO	Removal of bunching to from TSS -PGPL line.
Kharghar-PGPL	IntraState	05/03/2017	08.35		Continued.	EO	Removal of bunching to from TSS -PGPL line.
Telco- Chinchwad	IntraState	09/03/2017	11.04	10/03/2017	22.16	PO	for making lilo arrangement at chinchwad -iis/s.
Padegaon-Sawangi	IntraState	09/03/2017	18.03	10/03/2017	02.37	T	Distance Protection
Anandnagar - Pal	IntraState	10/03/2017	06.04	10/03/2017	18.45	PO	Routine Maintenance Work
Main Bus-I@Versova	IntraState	10/03/2017	06.27	10/03/2017	08.56	PO	Maintenance Work.
Kalwa-TIFIL	IntraState	10/03/2017	07.20	10/03/2017	14.55	PO	Stringing of Conductor.
New Koyna - Pedambe	IntraState	10/03/2017	08.17	10/03/2017	15.37	PO	Maintenance Work.
Talandge(400kv)- Ichalkaranji 2	IntraState	10/03/2017	10.21	10/03/2017	13.06	PO	Routine Maintenance Work
Apta - Kalwa	IntraState	10/03/2017	10.34	10/03/2017	15.00	PO	Routine Maintenance Work
Wardha - Wardha Rly Tss 2	IntraState	10/03/2017	10.36	10/03/2017	19.25	PO	Replacement of Y & B Ph LA,Checking of Y Ph Metering
Butibori - Wardha	IntraState	10/03/2017	14.37	10/03/2017	16.30	PO	Carrying Out Signature Test.
Parli 3 (Old Gcr)-Osmanabad	IntraState	10/03/2017	17.00	10/03/2017	Continued.	EO	Line Maintenance work
Hinjawadi I- Chinchwad	IntraState	10/03/2017	22.06	10/03/2017	22.16	HT	Hand Tripped.
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)
220/33 Kv 100 Mva Cgl Ptr 3 @Jamde	IntraState	10/03/2017	10.11	10/03/2017	13.52	PO	Replacement of HV Y Ph Jumps.
132 KV LINE Outages/Trippings							
Girwali-Renapur-Ahamadpur	IntraState	10/03/2017	10.30	10/03/2017	10.54	T	Distance Protection

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