

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Mar/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	117.475	2139.887	1) Gujrat	-0.781	5.729
2) Hydro	8.115	194.475	2) Madhya Pradesh	14.434	236.533
3) Gas	10.607	175.941	3) Chattisgarh	10.290	143.610
Total MSPGCL	136.197	2510.303	4) Maharashtra Net	128.536	2207.582
B) 1) APML	70.920	1201.959	5) Goa (Amona)	-0.726	-11.224
2) JSWEL	17.778	275.277	Total	151.753	2582.230
3) VIPL	12.299	125.869	a) Mumbai Schedule	21.397	325.168
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	26.658	369.068
5) WPCL	2.740	53.764	c) MSEDCL Bilateral *	36.454	604.302
6) PGPL	0.000	0.000	Include PX	8.462	120.849
7) Other IPP	5.912	102.326	d) Mumbai Bilateral *	21.397	325.168
C) 1) TPCL Thermal	12.431	240.793	Include PX	4.025	110.279
2) TPCL Hydro	5.383	64.955	Include Standby	0.000	0.000
3) TPCL Gas	4.317	75.392	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.739	175.151	1) MSEDCL	383.475	6649.229
D) STATE			2) Mumbai Discoms	58.528	925.348
1) Thermal	249.294	4315.026	TOTAL STATE	442.003	7574.577
(A1+C1+C4+(B1-B6))					
2) Hydro	13.498	259.430			
(A2+C2)					
3) Gas	14.924	251.333			
(A3+B6+C3)					
4) Wind	11.080	142.907			
6) SOLAR	1.454	23.662			
TOTAL STATE	290.250	4992.358			

* 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	5249	5221	4915	4506
MSPGCL Hydro	569	614	470	201
MSPGCL Gas	425	423	440	464
MSPGCL Total Generation	6243	6258	5825	5171
Central Sector Receipt	7507	7396	6397	5049
WIND	130	149	350	826
CPP / IPP Thermal	4803	4810	4607	4159
CPP / IPP Gas	0	0	0	0
SOLAR	189	201	0	0
Exchange with Mumbai	-1471	-1359	-1259	-628
MSEDCL DEMAND MET	17401	17455	15920	14577
Load Shedding	0	0	0	0
MSEDCL DEMAND	17401	17455	15920	14577
TPCL GENERATION	1135	1153	1075	693
R-INFRA GENERATION	434	508	387	387
MUMBAI DEMAND	3040	3020	2721	1708
STATE DEMAND MET	20441	20475	18641	16285
STATE DEMAND	20441	20475	18641	16285
Frequency (Hz)	49.90	49.93	49.94	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 05.48 Hrs	49.73 Hz at 11.08 Hrs	49.94	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 17/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	12.45	228.11	621	480
Unit 9	9.61	148.08	406	380
Unit 10	0.00	0.00	0	0
Total	22.06	376.19		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	9.06	0	0
Unit 4	10.12	176.66	505	365
Unit 5	10.18	176.92	510	365
Total	20.30	362.63		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.21	91.36	246	197
Unit 7	5.16	89.14	245	194
Unit 8	0.00	0.00	0	0
Total	10.36	180.50		
Chandrapur				
Unit 3	4.48	75.20	196	165
Unit 4	4.54	61.36	197	176
Unit 5	10.14	170.54	440	365
Unit 6	10.24	140.10	450	360
Unit 7	0.00	0.00	0	0
Unit 8	0.00	100.75	0	0
Unit 9	9.58	123.86	470	360
Total	38.98	671.82		
Paras				
Unit 3	1.80	1.90	147	0
Unit 4	5.38	93.77	257	194
Total	7.18	95.67		
Khaparkheda				
Unit 1	0.00	6.32	0	0
Unit 2	0.00	57.16	0	0
Unit 3	0.00	43.03	0	0
Unit 4	0.00	26.57	0	0
Unit 5	10.51	177.77	500	380
Total	10.51	310.84		
Nasik				
Unit 3	4.06	71.48	175	165
Unit 4	4.02	70.75	170	164
Unit 5	0.00	0.00	0	0
Total	8.08	142.23		
Uran				
All Units	10.61	175.94	465	420
Total	10.61	175.94		
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)	0.26	1.90	52	0
Total	0.26	1.90		
Koyna				
Stage 1-2	2.85	47.00	385	40
Stage 4	0.00	42.20	0	0
Stage 3	1.25	19.92	80	0
Total	4.10	109.12		
Hydro				
KDPH	0.84	14.66	36	35
VTRNA	1.42	20.16	59	59
TILLARI	0.00	7.52	0	0
BHTGR/VEER	0.00	0.53	0	0
BHIRA T.R.	0.32	3.39	80	0
RNGR+BHTSA	0.32	5.32	14	13
BHANDARDRA	0.48	8.15	36	13
ELDARY	0.18	2.83	11	0
SMLHY_PTN	0.45	8.99	19	18
GHATGHAR	0.00	13.81	0	0
Total	4.02	85.36		
Wind				
Total	11.08	142.91	0	0
Total	11.08	142.91		
CPP				
APML(Mus)	70.92	1201.96	0	0
JSWEL(Mus)	17.78	275.28	0	0
VIPL(Mus)	12.30	125.87	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.74	53.76	0	0
Other(Mus)	5.91	102.33	0	0
Total	109.65	1759.20		
SOLAR				
Total	1.45	23.66	0	0
Total	1.45	23.66		
Tata				
Trombay 5	7.57	152.66	348	310
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.75	48.31	116	109
Trombay 7B	1.57	27.08	67	64
Trombay 8	4.86	88.14	221	200
TATA Hydro	5.38	64.96	459	39
Total	22.13	381.14		
R-INFRA				
1-2	9.74	175.15	510	386
Total	9.74	175.15		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	117.48	2139.89	MSPGCL Total	136.20	2510.30
			MSPGCL Thml+Gas	128.08	2315.83	Koyna 1,2 & 4 Total	2.85	89.20
			MSPGCL Hydro	8.12	194.48	State Total	290.25	4992.36

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/Mar/2017

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			THM	GAS										
1	4697	191	441	5329	890	4614	0	0	5839	5349	-933	15249	0	15249	2011	17260	49.97
2	4503	205	463	5171	826	4316	0	0	5834	5286	-807	14792	0	14792	1887	16679	49.98
3	4374	191	441	5006	850	4217	0	0	5648	5145	-702	14516	0	14516	1782	16298	49.95
4	4506	201	464	5171	826	4159	0	0	5626	5049	-628	14577	0	14577	1708	16285	49.93
5	4443	196	451	5090	838	3982	0	0	5657	5716	-609	15017	0	15017	1687	16704	49.92
6	4628	462	465	5555	661	4075	0	0	5764	5627	-672	15246	0	15246	1792	17038	49.95
7	5066	637	444	6147	506	4662	0	0	6081	6318	-764	16869	0	16869	1940	18809	49.95
8	5148	317	465	5930	519	4808	0	18	6961	6983	-807	17451	0	17451	2093	19544	49.96
9	5192	312	456	5960	395	4840	0	66	7187	7151	-981	17431	0	17431	2390	19821	49.94
10	5193	371	436	6000	311	4829	0	126	6563	6534	-1214	16586	0	16586	2715	19301	49.93
11	5217	399	453	6069	175	4817	0	170	7089	6916	-1458	16689	0	16689	2952	19641	49.90
12	5249	569	425	6243	130	4803	0	189	7436	7507	-1471	17401	0	17401	3040	20441	49.90
13	5221	614	423	6258	149	4810	0	201	7418	7396	-1359	17455	0	17455	3020	20475	49.93
14	5229	289	420	5938	228	4819	0	198	6990	7290	-1185	17288	0	17288	2870	20158	50.00
15	5224	274	422	5920	292	4821	0	175	7218	7027	-1257	16978	0	16978	2922	19900	49.90
16	5223	269	426	5918	330	4804	0	151	7237	7022	-1350	16875	0	16875	2936	19811	49.89
17	4931	309	439	5679	374	4794	0	101	6782	6635	-1418	16165	0	16165	2921	19086	49.96
18	4763	350	430	5543	372	4747	0	50	6302	6355	-1472	15595	0	15595	2822	18417	49.98
19	4750	422	429	5601	403	4321	0	9	6161	6274	-1330	15278	0	15278	2736	18014	49.91
20	4915	470	440	5825	350	4607	0	0	6215	6397	-1259	15920	0	15920	2721	18641	49.94
21	4814	280	431	5525	418	4706	0	0	6202	5973	-1409	15213	0	15213	2641	17854	49.98
22	4732	259	448	5439	433	4334	0	0	6065	6075	-1268	15013	0	15013	2422	17435	49.96
23	4737	259	447	5443	435	4338	0	0	5944	5815	-1184	14847	0	14847	2313	17160	49.94
24	4720	269	448	5437	369	4424	0	0	5910	5913	-1121	15022	0	15022	2207	17229	49.95
MUs	117.47	8.12	10.61	136.20	11.08	109.65	0.00	1.45	154.13	151.75	-26.66	383.48	0.00	383.48	58.53	442.00	49.94

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 17/Mar/2017

Position as on 6.30 Hrs of 18/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	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								
RGPL	Dabhol 1B	230	28/05/2013	22:02		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 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	
RGPL	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	18/03/2017	01.13	w/dn for balance work.	
IPP	JSW (J) U2	300	01/12/2016	00.00		Continued.	No Schedule	
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	
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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 17/Mar/2017

Position as on 6.30 Hrs of 18/Mar/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	Khaparkheda Unit 3	210	10/03/2017	23.50		Continued.	Zero Schedule.	
MSPGCL	Chandrapur Unit-8	500	16/03/2017	00.07		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 2	210	16/03/2017	12.02		Continued.	Boiler Tube Leakage	
MSPGCL	Paras Unit 3	250	17/03/2017	00.25	17/03/2017	03.11	Low Vaccum	
MSPGCL	Paras Unit 3	250	17/03/2017	04.10	17/03/2017	09.13	Low Vaccum	
MSPGCL	Parli Unit 8	250	18/03/2017	01.26	18/03/2017	06.07	Feeder Gear problem	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 17/Mar/2017

Statement-VII

Position as on 6.30 Hrs of 18/Mar/2017

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	16/03/2017	23.39	17/03/2017	00.51	PO	To attend Hot Spot
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar II	InterState	16/03/2017	18.31	17/03/2017	5.52	HT	Over Voltage
Kolhapur(M)-Kolhapur(GIS) ckt1	InterState	17/03/2017	11.59	17/03/2017	17.01	T	DT Received @ Kolhapur End.
Dhule Sar'Sarovar I	InterState	17/03/2017	18.18		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	16/03/2017	17.27	17/03/2017	08.54	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	16/03/2017	19.19	17/03/2017	06.18	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	17/03/2017	18.10	18/03/2017	06.52	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 315 Mva ICT -I @Padghe	IntraState	17/03/2017	09.28	17/03/2017	19.42	PO	Routine Maintenance Work
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	17/03/2017	08.28	17/03/2017	11.04	HT	Controlling Navsari Line Loading.
A'bad(PG)-Shendra Ckt II	InterState	17/03/2017	15.47	17/03/2017	19.27	PO	Routine Maintenance 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.
Miraj - Mhaishal	IntraState	14/03/2017	14.50		Continued.	PO	Construction Work.
chandrapur-Tadali	IntraState	16/03/2017	18.09		Continued.	PO	ct to isolator bph jumper opened at tadli end.
Main Bus-I@Versova	IntraState	17/03/2017	06.29	17/03/2017	10.19	PO	Routine Maintenance Work
Apta - Kalwa	IntraState	17/03/2017	09.03	17/03/2017	15.38	PO	Isolator Alignment Work.
Pedhambe - Oni	IntraState	17/03/2017	10.05	17/03/2017	14.53	PO	Testing Work
Wada - Bhavghar	IntraState	17/03/2017	10.08	17/03/2017	13.13	PO	Line Isolator Alignment Work.
Hinjawadi I- Chinchwad	IntraState	17/03/2017	10.27	17/03/2017	17.12	PO	Load Management Work.
Taloja II - OCIL-I	IntraState	17/03/2017	11.05	17/03/2017	18.04	PO	Attending Hot Spot
Sawantwadi-Bidri	IntraState	17/03/2017	12.47	17/03/2017	17.36	PO	Attending Hot Spot
Tata Borivli MSETCL Borivli 5	IntraState	17/03/2017	13.54	17/03/2017	16.16	PO	Hot Spot Attending B ph C T.
Adlabs - Pedambe	IntraState	17/03/2017	15.40	17/03/2017	17.15	PO	C T Tan Delta.
Kalwa - Taloja	IntraState	17/03/2017	17.14	18/03/2017	00.03	PO	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)
220/100 Kv 125 Mva Hel Ict 2 @Jambhul	IntraState	17/03/2017	09.00	17/03/2017	17.31	PO	Diagnostic Alignment Work.
220/132 Kv 200 Mva Bbl Ict 2 @Beed	IntraState	17/03/2017	10.19	17/03/2017	15.45	PO	Diagnostic Testing Work.Measurement of Tan Delta
132 KV LINE Outages/Trippings							
Nanded - Umri II	IntraState	17/03/2017	05.39	17/03/2017	06.21	T	Distance Protection
Ambazari-Pardi	IntraState	17/03/2017	20.01	17/03/2017	20.40	T	B Ph Bus PT Caught Fire @ Pardi End.
Kanhan-Pardi	IntraState	17/03/2017	20.01	17/03/2017	21.15	T	B Ph Bus PT Caught Fire @ Pardi End.

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 17/Mar/2017

Statement-VII

Position as on 6.30 Hrs of 18/Mar/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Uppalwadi-Pardi	IntraState	17/03/2017	20.01	17/03/2017	20.59	T	Distance Protection
Mankapur-Uppalwadi	IntraState	17/03/2017	20.01	17/03/2017	20.30	T	Backup Protection
Pardi-Besa	IntraState	17/03/2017	20.01	17/03/2017	21.25	T	B Ph Bus PT Caught Fire @ Pardi End.
110 KV LINE Outages/Trippings							
Trombay Parel 3 / Carnac 2	IntraState	17/03/2017	18.16	17/03/2017	18.22	T	Bus Fault Zone-2 Operated.