

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Feb/2017 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	136.904	1481.006	1) Gujrat	-0.690	11.323
2) Hydro	11.043	181.041	2) Madhya Pradesh	13.572	145.754
3) Gas	10.957	95.091	3) Chattisgarh	8.020	88.072
Total MSPGCL	158.904	1757.138	4) Maharashtra Net	141.641	1551.391
B) 1) APML	44.943	501.807	5) Goa (Amona)	-0.644	-6.742
2) JSWEL	10.246	101.563	Total	161.899	1789.798
3) VIPL	6.398	73.277	a) Mumbai Schedule	14.915	182.728
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	16.434	217.385
5) WPCL	2.855	40.843	c) MSEDCL Bilateral *	51.129	484.526
6) PGPL	0.000	7.780	Include PX	9.678	89.482
7) Other IPP	6.864	75.756	d) Mumbai Bilateral *	14.915	182.728
C) 1) TPCL Thermal	14.605	133.242	Include PX	4.481	63.676
2) TPCL Hydro	2.773	44.582	Include Standby	0.000	0.000
3) TPCL Gas	3.861	40.784	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.437	119.124	1) MSEDCL	382.989	4189.743
D) STATE			2) Mumbai Discoms	48.110	555.116
1) Thermal	233.252	2526.618	TOTAL STATE	431.099	4744.859
(A1+C1+C4+(B1-B6))					
2) Hydro	13.816	225.623			
(A2+C2)					
3) Gas	14.818	143.655			
(A3+B6+C3)					
4) Wind	6.126	45.426			
6) SOLAR	1.188	13.740			
TOTAL STATE	269.200	2955.062			

* 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 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6229	6248	5810	5011
MSPGCL Hydro	1009	863	316	138
MSPGCL Gas	460	430	452	464
MSPGCL Total Generation	7698	7541	6578	5613
Central Sector Receipt	7819	7607	6500	5954
WIND	43	83	507	164
CPP / IPP Thermal	3053	3051	3029	2843
CPP / IPP Gas	0	0	0	0
SOLAR	180	182	1	0
Exchange with Mumbai	-769	-707	-1027	-443
MSEDCL DEMAND MET	18024	17757	15588	14131
Load Shedding	0	0	0	0
MSEDCL DEMAND	18024	17757	15588	14131
TPCL GENERATION	1203	1203	849	630
R-INFRA GENERATION	507	507	386	387
MUMBAI DEMAND	2479	2417	2262	1460
STATE DEMAND MET	20503	20174	17850	15591
STATE DEMAND	20503	20174	17850	15591
Frequency (Hz)	50.02	50.00	50.00	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18:02 Hrs	49.86 Hz at 18:42 Hrs	50.01	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 11/Feb/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	3.88	32.60	170	150
Unit 8	12.96	145.15	585	480
Unit 9	9.15	48.47	388	370
Unit 10	0.00	66.63	0	0
Total	25.99	292.85		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.84	122.42	510	360
Unit 5	10.80	83.04	510	360
Total	21.63	205.46		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.32	55.50	245	0
Unit 7	5.52	60.94	252	191
Unit 8	0.00	0.00	0	0
Total	9.83	116.44		
Chandrapur				
Unit 3	4.49	50.70	195	166
Unit 4	4.58	50.91	197	172
Unit 5	10.50	115.07	465	356
Unit 6	2.16	26.45	340	0
Unit 7	0.00	0.00	0	0
Unit 8	11.21	95.85	500	360
Unit 9	11.33	119.31	520	360
Total	44.28	458.29		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.50	60.43	250	190
Total	5.50	60.43		
Khaparkheda				
Unit 1	4.06	46.26	185	150
Unit 2	4.13	46.63	185	160
Unit 3	1.16	39.30	185	0
Unit 4	1.28	37.12	160	0
Unit 5	10.41	82.43	500	375
Total	21.04	251.74		
Nasik				
Unit 3	4.31	47.64	205	160
Unit 4	0.00	0.00	0	0
Unit 5	4.33	48.14	204	162
Total	8.64	95.78		
Uran				
All Units	10.96	95.09	476	430
Total	10.96	95.09		
PGPL				
Unit 1	0.00	4.70	0	0
Unit 2	0.00	3.08	0	0
Total	0.00	7.78		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.37	4.73	52	0
Total	0.37	4.73		
Koyna				
Stage 1-2	2.46	42.10	345	40
Stage 4	2.70	55.83	630	0
Stage 3	1.20	21.09	160	0
Total	6.36	119.02		
Hydro				
KDPH	0.89	8.38	37	37
VTRNA	0.50	10.33	60	0
TILLARI	0.49	5.24	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	2.63	40	0
RNGR+BHTSA	0.34	3.16	15	14
BHANDARDRA	0.34	2.12	14	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.86	7.62	45	32
GHATGHAR	1.15	22.54	125	0
Total	4.69	62.02		
Wind				
Total	6.13	45.43	0	0
Total	6.13	45.43		
CPP				
APML(Mus)	44.94	501.81	0	0
JSWEL(Mus)	10.25	101.56	0	0
VIPL(Mus)	6.40	73.28	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.86	40.84	0	0
Other(Mus)	6.86	75.76	0	0
Total	71.31	793.25		
SOLAR				
Total	1.19	13.74	0	0
Total	1.19	13.74		
Tata				
Trombay 5	9.46	74.80	483	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.44	25.11	115	64
Trombay 7B	1.42	15.67	67	34
Trombay 8	5.15	58.44	240	199
TATA Hydro	2.77	44.58	319	2
Total	21.24	218.61		
R-INFRA				
1-2	10.44	119.12	510	386
Total	10.44	119.12		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	136.90	1481.01	MSPGCL Total	158.90	1757.14
			MSPGCL Thml+Gas	147.86	1576.10	Koyna 1,2 & 4 Total	5.16	97.93
			MSPGCL Hydro	11.04	181.04	State Total	269.20	2955.06

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 11/Feb/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	5271	138	462	5871	218	2944	0	0	5915	5812	-665	14180	0	14180	1698	15878	49.99
2	5241	139	463	5843	281	2942	0	0	5995	5817	-508	14375	0	14375	1526	15901	50.02
3	5011	138	464	5613	164	2843	0	0	5914	5954	-443	14131	0	14131	1460	15591	50.02
4	5056	138	464	5658	110	2794	0	0	5867	6140	-395	14307	0	14307	1427	15734	50.01
5	5346	143	464	5953	105	2871	0	0	5862	6097	-374	14652	0	14652	1432	16084	49.99
6	5903	138	476	6517	147	2991	0	0	6058	6073	-431	15297	0	15297	1552	16849	50.01
7	6044	547	464	7055	127	3046	0	0	6526	6804	-342	16690	0	16690	1734	18424	49.99
8	6022	1079	468	7569	54	3063	0	7	7202	7425	-307	17811	0	17811	1807	19618	49.98
9	6108	1243	470	7821	107	3062	0	47	7386	7533	-365	18205	0	18205	1953	20158	50.00
10	6172	876	469	7517	43	3063	0	101	7365	7087	-561	17250	0	17250	2283	19533	50.01
11	6186	799	453	7438	47	3048	0	129	7236	7562	-723	17501	0	17501	2433	19934	50.03
12	6229	1009	460	7698	43	3053	0	180	7624	7819	-769	18024	0	18024	2479	20503	50.02
13	6248	863	430	7541	83	3051	0	182	7693	7607	-707	17757	0	17757	2417	20174	50.00
14	6264	512	438	7214	183	3032	0	168	7733	7736	-693	17640	0	17640	2279	19919	50.03
15	6307	349	438	7094	267	3026	0	157	7749	7788	-719	17613	0	17613	2261	19874	49.99
16	6142	437	435	7014	337	3032	0	116	7714	7596	-753	17342	0	17342	2239	19581	49.98
17	5853	424	432	6709	362	3021	0	77	7346	7359	-736	16792	0	16792	2228	19020	49.98
18	5670	654	452	6776	420	3015	0	23	6466	6888	-898	16224	0	16224	2198	18422	50.02
19	5810	316	452	6578	507	3029	0	1	6418	6500	-1027	15588	0	15588	2262	17850	50.00
20	5723	320	452	6495	539	3007	0	0	6527	6459	-1133	15367	0	15367	2345	17712	50.09
21	5285	272	454	6011	564	2972	0	0	6612	6150	-1123	14574	0	14574	2241	16815	50.02
22	4921	207	461	5589	505	2825	0	0	6086	5993	-1071	13841	0	13841	2105	15946	50.03
23	4942	159	460	5561	472	2792	0	0	5843	5742	-936	13631	0	13631	1966	15597	50.00
24	5150	143	476	5769	441	2782	0	0	5752	5958	-755	14195	0	14195	1785	15980	50.05
MUs	136.90	11.04	10.96	158.90	6.13	71.31	0.00	1.19	160.89	161.90	-16.43	382.99	0.00	382.99	48.11	431.10	50.01

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 11/Feb/2017

Position as on 6.30 Hrs of 12/Feb/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	
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	WPCL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
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	
MSPGCL	Bhusawal Unit 3	210	16/09/2016	00.02		Continued.	Zero Schedule by MSEDCL	
IPP	Adani U-1	660	06/11/2016	11.10		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	15/11/2016	20.00		Continued.	Zero schedule by MSEDCL	
IPP	JSW (J) U1	300	16/11/2016	14.38		Continued.	Due To CW Duct Leakage.	
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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 11/Feb/2017

Position as on 6.30 Hrs of 12/Feb/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Nasik Unit 4	210	31/01/2017	02.55		Continued.	WITHDRAW UNDER ZERO SCHEDULE.	
IPP	Adani U-4	660	31/01/2017	23.57		Continued.	COAL PROBLEM.	
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	
CPP	WPCL U-4	135	08/02/2017	12.35	11/02/2017	23.23	ID FAN VIBRATION HIGH.	
MSPGCL	Khaparkheda Unit 4	210	09/02/2017	13.52	11/02/2017	14.48	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 6	500	10/02/2017	23.25	11/02/2017	07.16	Reverse Power Prot. Operated.	
MSPGCL	Khaparkheda Unit 3	210	11/02/2017	07.02	12/02/2017	16.34	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 6	500	11/02/2017	15.36		Continued.	Control Oil Pressure Low	
MSPGCL	Parli Unit 6	250	11/02/2017	19.40	11/02/2017	21.46	Furnace Pressure High	
MSPGCL	Chandrapur Unit 9	500	12/02/2017	19.55		Continued.	PA Fan problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/Feb/2017

Statement-VII

Position as on 6.30 Hrs of 12/Feb/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi-III - Akola-II ckt-I	IntraState	11/02/2017	09.45	11/02/2017	20.12	PO	Annual Maintenance Work
400 KV LINE Outages/Trippings							
Padgha Tarapur II	InterState	09/02/2017	10.35	11/02/2017	11.29	PO	Overhauling of CB(Shifted on TBC @ Padgha End)
Dhule Sar'Sarovar II	InterState	10/02/2017	09.44	11/02/2017	08.11	PO	Outage @ SSP End,RFC @ 19.26.
Dhule Sar'Sarovar II	InterState	11/02/2017	17.15	12/02/2017	06.43	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	12/02/2017	17.36		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	10/02/2017	16.43	11/02/2017	08.14	HT	Over Voltage
Karad-Jaigad - I	IntraState	10/02/2017	16.44	11/02/2017	08.16	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	10/02/2017	18.05	11/02/2017	06.51	HT	Over Voltage
Padghe - Kalwa-II	IntraState	11/02/2017	07.15	11/02/2017	10.23	PO	On TBC.
Ektuni-Bableshtar ckt I	IntraState	11/02/2017	11.59	11/02/2017	20.53	PO	Isolator Alignment Work.
Karad - Jaigad - II	IntraState	11/02/2017	16.39	12/02/2017	09.38	HT	Over Voltage
karad -kolhapur-I	IntraState	11/02/2017	16.41	12/02/2017	09.35	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	11/02/2017	18.27	12/02/2017	06.35	HT	Over Voltage
Padghe - Kalwa-II	IntraState	12/02/2017	09.45	12/02/2017	16.43	PO	For Old Rusted Conductor Replacement Work.
karad -kolhapur-II	IntraState	12/02/2017	16.07		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	12/02/2017	16.08		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	12/02/2017	20.00		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.
Chandrapur MIDC - GEPL Ckt I	IntraState	20/12/2016	18.36		Continued.	HT	Energy Bill Ending At GEPL End.
Chinchwad- Parvati	IntraState	08/02/2017	11.55		Continued.	PO	Construction Work
Eklahara(Gcr)(Nasik)- Bableshtar 2	IntraState	11/02/2017	05.49	11/02/2017	06.16	T	PDR Trip.
Karad(400kv) -Nigade	IntraState	11/02/2017	10.25	11/02/2017	13.43	PO	Signature Analysis Test.
Chakan-Chinchwad	IntraState	11/02/2017	12.05	11/02/2017	17.24	PO	Relay Retrofitting Work by Testing
Tata Borivli MSETCL Borivli 5	IntraState	11/02/2017	12.20	11/02/2017	17.00	PO	Line Maintenance work
Karad(400kv) - Wathar	IntraState	11/02/2017	13.58	11/02/2017	15.19	PO	Line Signature Analysis.
Ranjangaon-Lonikand	IntraState	11/02/2017	14.35	11/02/2017	17.11	T	Distance Protection
Karad -Mudshingi Ckt- IV	IntraState	11/02/2017	15.22	11/02/2017	17.12	PO	Line Signature Analysis.
Jejuri- Ismt- Lonand	IntraState	11/02/2017	17.34	11/02/2017	20.11	PO	Diagnostic Testing Work.
TPC Borivali Aarey Line 1	IntraState	12/02/2017	07.32		Continued.	PO	Maintenance Work.
Trombay Salsette 1 Backbay	IntraState	12/02/2017	08.15	12/02/2017	19.30	PO	B Phase CVT Repalcement Work.
Kalwa-Salsette-VI	IntraState	12/02/2017	10.31	12/02/2017	14.45	PO	Tree Trimming.
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)
220/132 Kv 100 Mva Cgl Ict 1 @Virur	IntraState	26/06/2016	19.25		Continued.	HT	Abnormal Sound Observed.
220/100 Kv 50 Mva Gec Ict 1 @Kandalgaon	IntraState	15/12/2016	12.15		Continued.	PO	Augmentation Work(Outage for 3 Months).

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 11/Feb/2017

Statement-VII

Position as on 6.30 Hrs of 12/Feb/2017

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 Aval Ict 2 @Taloja	IntraState	09/02/2017	09.53	09/02/2017	Continued.	PO	Testing Work