

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.240	1344.102	1) Gujrat	0.631	12.013
2) Hydro	16.360	169.998	2) Madhya Pradesh	13.571	132.182
3) Gas	10.746	84.134	3) Chattisgarh	8.300	80.052
Total MSPGCL	157.346	1598.234	4) Maharashtra Net	144.213	1410.668
B) 1) APML	45.547	456.864	5) Goa (Amona)	-0.678	-6.098
2) JSWEL	10.116	91.317	Total	166.037	1628.817
3) VIPL	6.583	66.879	a) Mumbai Schedule	16.660	167.813
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	17.866	200.951
5) WPCL	2.849	37.988	c) MSEDCL Bilateral *	49.275	433.397
6) PGPL	0.000	7.780	Include PX	9.041	79.805
7) Other IPP	6.642	68.892	d) Mumbai Bilateral *	16.660	167.813
C) 1) TPCL Thermal	14.866	118.637	Include PX	6.062	59.195
2) TPCL Hydro	3.883	41.809	Include Standby	0.000	0.000
3) TPCL Gas	4.046	36.923	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.699	108.687	1) MSEDCL	382.661	3807.672
D) STATE			2) Mumbai Discoms	51.358	507.006
1) Thermal	227.542	2293.366	TOTAL STATE	434.019	4314.678
(A1+C1+C4+(B1-B6))					
2) Hydro	20.243	211.807			
(A2+C2)					
3) Gas	14.792	128.837			
(A3+B6+C3)					
4) Wind	4.266	39.300			
6) SOLAR	1.141	12.552			
TOTAL STATE	267.984	2685.862			

* 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 14 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	5472	5388	5810	5024
MSPGCL Hydro	1409	1480	321	296
MSPGCL Gas	432	423	442	458
MSPGCL Total Generation	7313	7291	6573	5778
Central Sector Receipt	8212	7982	6580	6031
WIND	131	109	186	190
CPP / IPP Thermal	3037	3005	3053	2786
CPP / IPP Gas	0	0	0	0
SOLAR	165	163	0	0
Exchange with Mumbai	-855	-839	-1035	-942
MSEDCL DEMAND MET	18003	17711	15357	13843
Load Shedding	0	0	0	0
MSEDCL DEMAND	18003	17711	15357	13843
TPCL GENERATION	1330	1179	1040	698
R-INFRA GENERATION	508	510	386	386
MUMBAI DEMAND	2693	2528	2461	2026
STATE DEMAND MET	20696	20239	17818	15869
STATE DEMAND	20696	20239	17818	15869
Frequency (Hz)	49.97	50.03	50.02	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.25 Hz at 18.02 Hrs	49.82 Hz at 04.11 Hrs	50	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/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	3.89	28.72	170	155
Unit 8	13.44	132.20	600	485
Unit 9	9.10	39.32	390	370
Unit 10	0.00	66.63	0	0
Total	26.42	266.86		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	11.12	111.59	515	365
Unit 5	3.10	72.24	380	0
Total	14.22	183.84		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.14	51.18	228	125
Unit 7	5.72	55.43	248	194
Unit 8	0.00	0.00	0	0
Total	9.86	106.60		
Chandrapur				
Unit 3	4.64	46.21	198	170
Unit 4	4.68	46.33	200	173
Unit 5	10.75	104.56	460	370
Unit 6	0.04	24.29	40	0
Unit 7	0.00	0.00	0	0
Unit 8	11.16	84.64	500	360
Unit 9	11.66	107.98	512	370
Total	42.92	414.01		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.57	54.93	255	200
Total	5.57	54.93		
Khaparkheda				
Unit 1	4.13	42.20	185	160
Unit 2	4.07	42.50	185	155
Unit 3	4.24	38.14	201	160
Unit 4	0.00	35.84	0	0
Unit 5	10.20	72.02	480	380
Total	22.64	230.70		
Nasik				
Unit 3	4.32	43.34	205	160
Unit 4	0.00	0.00	0	0
Unit 5	4.29	43.81	198	162
Total	8.61	87.15		
Uran				
All Units	10.75	84.13	476	421
Total	10.75	84.13		
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)	0.44	4.36	50	0
Total	0.44	4.36		
Koyna				
Stage 1-2	3.21	39.64	560	30
Stage 4	6.37	53.14	750	0
Stage 3	1.92	19.89	240	0
Total	11.50	112.67		
Hydro				
KDPH	0.89	7.49	37	37
VTRNA	0.48	9.83	60	0
TILLARI	0.47	4.74	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	2.51	40	0
RNGR+BHTSA	0.36	2.82	15	14
BHANDARDRA	0.50	1.78	21	21
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.82	6.76	44	31
GHATGHAR	1.13	21.39	125	0
Total	4.86	57.33		
Wind				
Total	4.27	39.30	0	0
Total	4.27	39.30		
CPP				
APML(Mus)	45.55	456.86	0	0
JSWEL(Mus)	10.12	91.32	0	0
VIPL(Mus)	6.58	66.88	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.85	37.99	0	0
Other(Mus)	6.64	68.89	0	0
Total	71.74	721.94		
SOLAR				
Total	1.14	12.55	0	0
Total	1.14	12.55		
Tata				
Trombay 5	9.59	65.34	482	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.53	22.67	120	64
Trombay 7B	1.52	14.26	69	49
Trombay 8	5.27	53.29	241	200
TATA Hydro	3.88	41.81	424	3
Total	22.80	197.37		
R-INFRA				
1-2	10.70	108.69	512	385
Total	10.70	108.69		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	130.24	1344.10	MSPGCL Total	157.35	1598.23
			MSPGCL Thml+Gas	140.99	1428.24	Koyna 1,2 & 4 Total	9.58	92.78
			MSPGCL Hydro	16.36	170.00	State Total	267.98	2685.86

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/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	5414	154	444	6012	136	3004	0	0	5948	5990	-621	14521	0	14521	1638	16159	49.99
2	5343	144	454	5941	163	3002	0	0	5990	5801	-484	14423	0	14423	1504	15927	50.00
3	5204	154	455	5813	159	2935	0	0	5983	5967	-414	14460	0	14460	1431	15891	50.00
4	5197	149	456	5802	238	2928	0	0	5996	6012	-380	14600	0	14600	1399	15999	49.99
5	5221	155	455	5831	228	2930	0	0	6020	6289	-395	14883	0	14883	1413	16296	49.99
6	5521	396	457	6374	270	2991	0	0	6081	6445	-459	15621	0	15621	1635	17256	50.01
7	5583	685	468	6736	270	3034	0	0	7182	7313	-391	16962	0	16962	1776	18738	50.00
8	5536	1202	476	7214	265	3022	0	8	7448	7475	-323	17661	0	17661	1880	19541	50.00
9	5540	1732	456	7728	159	3023	0	53	7555	7704	-522	18145	0	18145	2223	20368	49.97
10	5495	1457	457	7409	122	3004	0	99	7472	7357	-645	17346	0	17346	2437	19783	49.99
11	5532	1337	443	7312	118	3017	0	140	7433	7365	-860	17092	0	17092	2691	19783	50.03
12	5472	1409	432	7313	131	3037	0	165	7727	8212	-855	18003	0	18003	2693	20696	49.97
13	5359	1529	423	7311	118	3012	0	170	7954	7626	-824	17413	0	17413	2656	20069	49.98
14	5388	1480	423	7291	109	3005	0	163	7940	7982	-839	17711	0	17711	2528	20239	50.03
15	5567	998	436	7001	133	3025	0	147	7838	7944	-856	17394	0	17394	2524	19918	50.01
16	5594	1009	421	7024	138	3028	0	113	7882	7800	-841	17262	0	17262	2518	19780	49.99
17	5724	478	447	6649	166	3037	0	65	7741	7550	-852	16615	0	16615	2525	19140	49.96
18	5667	238	428	6333	188	3046	0	18	7034	7137	-1014	15708	0	15708	2460	18168	50.03
19	5810	321	442	6573	186	3053	0	0	6831	6580	-1035	15357	0	15357	2461	17818	50.02
20	5567	320	447	6334	156	3044	0	0	6917	6599	-1186	14947	0	14947	2493	17440	50.02
21	5256	276	452	5984	167	2986	0	0	6874	6639	-1244	14532	0	14532	2407	16939	50.03
22	4932	207	457	5596	218	2883	0	0	6284	6331	-1113	13915	0	13915	2199	16114	50.02
23	5024	296	458	5778	190	2786	0	0	5916	6031	-942	13843	0	13843	2026	15869	50.02
24	5294	234	459	5987	238	2883	0	0	5823	5888	-771	14225	0	14225	1843	16068	50.01
MUs	130.24	16.36	10.75	157.35	4.27	71.72	0.00	1.14	165.87	166.04	-17.87	382.64	0.00	382.64	51.36	434.00	50.00

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/Feb/2017

Position as on 6.30 Hrs of 11/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 10/Feb/2017

Position as on 6.30 Hrs of 11/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	Chandrapur Unit 6	500	03/02/2017	20.25	10/02/2017	23.21	GTR Y Phase DGA Report poor.	
MSPGCL	Koradi Unit 10	660	07/02/2017	00.10		Continued.	Work Of PG Test.	
MSPGCL	Bhusawal Unit 5	500	07/02/2017	12.12	10/02/2017	10.57	Bottom ash gate problem	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
CPP	WPCL U-4	135	08/02/2017	12.35		Continued.	ID FAN VIBRATION HIGH.	
MSPGCL	Khaparkheda Unit 4	210	09/02/2017	13.52		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 5	500	10/02/2017	11.25	10/02/2017	13.19	Main Steam Temp.Low.	
MSPGCL	Chandrapur Unit 6	500	10/02/2017	23.25		Continued.	Reverse Power Prot. Operated.	
MSPGCL	Khaparkheda Unit 3	210	11/02/2017	07.02		Continued.	Boiler Tube Leakage	

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

Statement-VII

Position as on 6.30 Hrs of 11/Feb/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							
Padgha Tarapur II	InterState	09/02/2017	10.35		Continued.	PO	Overhauling of CB(Shifted on TBC @ Padgha End)
Dhule Sar'Sarovar II	InterState	09/02/2017	19.40	10/02/2017	06.57	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	10/02/2017	09.44		Continued.	PO	Outage @ SSP End,RFC @ 19.26.
Padghe - Kalwa- I	IntraState	09/02/2017	06.40	10/02/2017	22.10	PO	Old Rusted Conductor Replacement Work.
Bhusawal-Aurangabad	IntraState	09/02/2017	19.33	10/02/2017	06.35	HT	Over Voltage
karad -kolhapur-I	IntraState	09/02/2017	20.27	10/02/2017	09.01	HT	Over Voltage
karad -kolhapur-II	IntraState	10/02/2017	16.43		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	10/02/2017	16.44		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	10/02/2017	18.05	11/02/2017	06.51	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 MVA ICT-III @Girwali	IntraState	09/02/2017	18.29	10/02/2017	04.10	PO	Cold Welding Work,Bay Maint. & Testing Work.
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
Pohali-Nerle	IntraState	09/02/2017	11.59	10/02/2017	17.10	T	Distance Protection
Purti-Bhugaon	IntraState	10/02/2017	10.01	10/02/2017	14.51	PO	Gantry Structure STN to DTN Work @ Bhugaon.
IPCL - SPCL	IntraState	10/02/2017	10.05	10/02/2017	16.55	PO	Maintenance Work.
512 Khadki- Century Enka	IntraState	10/02/2017	10.22	10/02/2017	19.17	PO	Scada Work.
Gorai MSETCL Borivali Line-1	IntraState	10/02/2017	12.32	10/02/2017	15.46	PO	Relay Testing Work.
Pophali - Pedambe II	IntraState	10/02/2017	14.25	10/02/2017	16.45	PO	Bus Isolator Burnt Clamp Replacement of Nerale Line.
Pophali - New Koyna	IntraState	10/02/2017	14.30	10/02/2017	16.30	PO	Bus Isolator Burnt Clamp Replacement of Nerale Line.
Bus Section II @ Pophali	IntraState	10/02/2017	14.50	10/02/2017	16.35	PO	Bus Isolator Burnt Clamp Replacement of Nerale Line.
Gorai MSETCL Borivali Line-2	IntraState	10/02/2017	15.50	10/02/2017	18.02	PO	Relay Testing Work.
Eklahara(Gcr)(Nasik)- Bableshtar 2	IntraState	11/02/2017	05.49	11/02/2017	06.16	T	PDR Trip.
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).
220/100 Kv 200 Mva Aval Ict 2 @Taloja	IntraState	09/02/2017	09.53	09/02/2017	Continued.	PO	Testing Work
220/132 kV 200 Mva ICT-II @Boisar -ji	IntraState	10/02/2017	08.20	10/02/2017	16.48	PO	Testing Work

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