

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 14/Feb/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	149.478	1905.550	1) Gujrat	1.566	14.890
2) Hydro	7.787	212.836	2) Madhya Pradesh	11.049	178.523
3) Gas	10.627	127.420	3) Chattisgarh	7.200	109.602
Total MSPGCL	167.892	2245.806	4) Maharashtra Net	139.187	1962.405
B) 1) APML	40.429	628.340	5) Goa (Amona)	-0.640	-8.536
2) JSWEL	9.941	131.140	Total	158.362	2256.884
3) VIPL	6.159	92.102	a) Mumbai Schedule	17.175	230.427
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	20.027	269.004
5) WPCL	4.596	53.833	c) MSEDCL Bilateral *	44.271	620.833
6) PGPL	0.000	7.780	Include PX	0.000	98.204
7) Other IPP	6.726	96.635	d) Mumbai Bilateral *	17.175	230.427
C) 1) TPCL Thermal	14.865	177.034	Include PX	6.284	79.806
2) TPCL Hydro	4.177	52.521	Include Standby	0.000	0.000
3) TPCL Gas	4.221	52.287	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.163	150.397	1) MSEDCL	387.886	5333.247
D) STATE			2) Mumbai Discoms	53.453	701.242
1) Thermal	242.357	3235.031	TOTAL STATE	441.339	6034.489
(A1+C1+C4+(B1-B6))					
2) Hydro	11.964	265.357			
(A2+C2)					
3) Gas	14.848	187.487			
(A3+B6+C3)					
4) Wind	12.590	72.291			
6) SOLAR	1.218	17.440			
TOTAL STATE	282.977	3777.606			

* 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 4 Hrs
MSPGCL Thermal	6649	6647	6133	5646
MSPGCL Hydro	509	381	497	145
MSPGCL Gas	423	416	433	459
MSPGCL Total Generation	7581	7444	7063	6250
Central Sector Receipt	7760	7715	6686	5020
WIND	605	652	389	781
CPP / IPP Thermal	2955	2941	2890	2471
CPP / IPP Gas	0	0	0	0
SOLAR	177	182	0	0
Exchange with Mumbai	-924	-897	-1141	-381
MSEDCL DEMAND MET	18154	18037	15887	14141
Load Shedding	0	0	0	0
MSEDCL DEMAND	18154	18037	15887	14141
TPCL GENERATION	1378	1343	1069	662
R-INFRA GENERATION	498	504	387	387
MUMBAI DEMAND	2800	2744	2597	1430
STATE DEMAND MET	20954	20781	18484	15571
STATE DEMAND	20954	20781	18484	15571
Frequency (Hz)	49.99	50.03	49.99	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.31 Hz at 18.01 Hrs	49.82 Hz at 14.14 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 14/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	3.90	43.45	170	155
Unit 8	13.46	186.63	660	480
Unit 9	9.23	75.83	391	380
Unit 10	0.00	66.63	0	0
Total	26.59	372.54		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.54	153.69	510	360
Unit 5	10.52	114.43	510	360
Total	21.06	268.12		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.19	70.43	250	128
Unit 7	5.31	77.14	248	187
Unit 8	0.00	0.00	0	0
Total	10.50	147.58		
Chandrapur				
Unit 3	4.51	64.17	200	172
Unit 4	4.46	64.41	200	167
Unit 5	10.15	145.50	460	360
Unit 6	9.91	41.45	450	350
Unit 7	0.00	0.00	0	0
Unit 8	10.56	127.06	450	417
Unit 9	10.82	147.51	490	400
Total	50.42	590.11		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.46	76.66	257	190
Total	5.46	76.66		
Khaparkheda				
Unit 1	4.15	58.60	195	150
Unit 2	4.24	59.24	195	160
Unit 3	4.03	48.70	203	150
Unit 4	4.22	49.67	191	160
Unit 5	10.36	112.92	500	376
Total	27.01	329.12		
Nasik				
Unit 3	4.21	60.46	205	160
Unit 4	0.00	0.00	0	0
Unit 5	4.23	60.97	203	163
Total	8.44	121.43		
Uran				
All Units	10.63	127.42	474	413
Total	10.63	127.42		
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)	0.19	5.47	47	0
Total	0.19	5.47		
Koyna				
Stage 1-2	2.38	51.34	420	40
Stage 4	0.08	60.69	57	0
Stage 3	0.45	24.04	80	0
Total	2.91	136.07		
Hydro				
KDPH	0.61	10.53	36	17
VTRNA	0.51	11.91	60	0
TILLARI	0.48	6.69	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	2.94	40	0
RNGR+BHTSA	0.35	4.18	15	14
BHANDARDRA	0.65	4.06	28	27
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.89	10.24	47	34
GHATGHAR	1.26	26.20	125	0
Total	4.88	76.76		
Wind				
Total	12.59	72.29	0	0
Total	12.59	72.29		
CPP				
APML(Mus)	40.43	628.34	0	0
JSWEL(Mus)	9.94	131.14	0	0
VIPL(Mus)	6.16	92.10	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.60	53.83	0	0
Other(Mus)	6.73	96.64	0	0
Total	67.85	1002.05		
SOLAR				
Total	1.22	17.44	0	0
Total	1.22	17.44		
Tata				
Trombay 5	9.49	102.90	489	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.64	32.30	124	84
Trombay 7B	1.58	19.99	71	56
Trombay 8	5.38	74.14	251	197
TATA Hydro	4.18	52.52	459	0
Total	23.26	281.84		
R-INFRA				
1-2	10.16	150.40	507	385
Total	10.16	150.40		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	149.48	1905.55	MSPGCL Total	167.89	2245.81
			MSPGCL Thml+Gas	160.10	2032.97	Koyna 1,2 & 4 Total	2.46	112.03
			MSPGCL Hydro	7.79	212.84	State Total	282.98	3777.61

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/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	5779	140	459	6378	559	2720	0	0	5559	5531	-649	14539	0	14539	1687	16226	50.00
2	5613	145	460	6218	634	2684	0	0	5617	5299	-500	14335	0	14335	1550	15885	50.02
3	5590	140	470	6200	721	2492	0	0	5224	5130	-429	14114	0	14114	1477	15591	49.99
4	5646	145	459	6250	781	2471	0	0	5159	5020	-381	14141	0	14141	1430	15571	49.97
5	5657	140	457	6254	790	2501	0	0	5662	5500	-395	14650	0	14650	1446	16096	50.04
6	6174	140	461	6775	719	2787	0	0	5785	5858	-533	15606	0	15606	1603	17209	50.01
7	6592	233	458	7283	719	2925	0	0	6279	6147	-553	16521	0	16521	1807	18328	50.00
8	6643	324	474	7441	644	2955	0	10	7130	7238	-453	17835	0	17835	2020	19855	50.00
9	6656	458	455	7569	505	2954	0	49	7362	7700	-527	18250	0	18250	2253	20503	50.04
10	6602	597	460	7659	511	2969	0	115	7164	6978	-817	17415	0	17415	2615	20030	49.98
11	6650	446	436	7532	537	2946	0	149	7167	7157	-885	17436	0	17436	2731	20167	50.04
12	6649	509	423	7581	605	2955	0	177	7640	7760	-924	18154	0	18154	2800	20954	49.99
13	6647	381	416	7444	652	2941	0	182	7656	7715	-897	18037	0	18037	2744	20781	50.03
14	6635	258	418	7311	551	2938	0	178	7631	7386	-936	17428	0	17428	2642	20070	50.02
15	6515	332	414	7261	420	2947	0	150	7636	7796	-1026	17548	0	17548	2664	20212	49.96
16	6573	327	413	7313	385	2965	0	120	7668	7734	-1051	17466	0	17466	2667	20133	49.98
17	6641	322	419	7382	392	2961	0	68	7444	7554	-1076	17281	0	17281	2666	19947	49.98
18	6633	324	428	7385	416	2952	0	20	6624	6808	-1085	16496	0	16496	2629	19125	50.03
19	6133	497	433	7063	389	2890	0	0	6663	6686	-1141	15887	0	15887	2597	18484	49.99
20	6134	464	429	7027	372	2864	0	0	6828	6854	-1348	15769	0	15769	2594	18363	50.02
21	5880	305	437	6622	309	2851	0	0	6779	6683	-1300	15165	0	15165	2440	17605	50.03
22	5771	210	448	6429	313	2730	0	0	6295	6328	-1204	14596	0	14596	2290	16886	50.02
23	5806	418	449	6673	294	2732	0	0	5807	5914	-1060	14553	0	14553	2168	16721	50.01
24	5859	532	451	6842	372	2721	0	0	5668	5586	-857	14664	0	14664	1933	16597	50.03
MUs	149.48	7.79	10.63	167.89	12.59	67.85	0.00	1.22	158.45	158.36	-20.03	387.89	0.00	387.89	53.45	441.34	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 14/Feb/2017

Position as on 6.30 Hrs of 15/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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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 14/Feb/2017

Position as on 6.30 Hrs of 15/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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Koyana Unit 9	80	14/02/2017	11.00		Continued.	Emergency Outage for Maintenance.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Feb/2017

Statement-VII

Position as on 6.30 Hrs of 15/Feb/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400KV 1500MVA ICT II @ Ektuni	IntraState	14/02/2017	11.30	14/02/2017	19.40	PO	Isolator Alignment Work.
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 1	IntraState	14/02/2017	08.04	14/02/2017	10.31	T	Tripped @ Padghe End(Thyristor Faulty).
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	14/02/2017	09.35	14/02/2017	14.24	PO	On Line PID.
Dhule Sar'Sarovar II	InterState	14/02/2017	09.35	14/02/2017	14.24	PO	On Line PID.
Dhule Sar'Sarovar I	InterState	14/02/2017	17.41	15/02/2017	06.59	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	14/02/2017	17.41		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	13/02/2017	17.05	14/02/2017	09.21	HT	Over Voltage
Karad - Jaigad - II	IntraState	13/02/2017	17.06	14/02/2017	08.20	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	13/02/2017	18.06	14/02/2017	06.47	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	13/02/2017	21.56	14/02/2017	06.20	PO	A Bus Conductor Replacement Work.
Kalwa - Kharghar	IntraState	13/02/2017	22.27	14/02/2017	05.37	PO	A Bus Conductor Replacement Work.
Chandrapur2-Parali 2 ckt1	IntraState	14/02/2017	12.54	14/02/2017	16.08	PO	Attending Hot Spot
Karad-Jaigad - I	IntraState	14/02/2017	16.36		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	14/02/2017	16.40		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	14/02/2017	17.38		Continued.	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	14/02/2017	17.46	14/02/2017	20.51	PO	A Bus Conductor Replacement 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.
Pophli Pedhmbe Line- 2	IntraState	13/02/2017	03.40		Continued.	T	Distance Protection at pedhmbe end
Nagothane-Wadkhal II	IntraState	13/02/2017	13.55	14/02/2017	15.05	T	Distance Protection
Main Bus Section-I@ Pedambe	IntraState	14/02/2017	03.56	14/02/2017	06.20	T	Bus Bar Protection Operated. 25 mva HV side C.T.bust
Pophli Pedhmbe Line- 1	IntraState	14/02/2017	03.56	14/02/2017	07.00	T	Distance Protection. 25 mva HV side C.T.bust at pedambe
Mahad - Pedambe	IntraState	14/02/2017	03.56	14/02/2017	06.45	T	Distance Protection. 25 mva HV side C.T.bust at pedambe
Pedambe-Nerle	IntraState	14/02/2017	03.56	14/02/2017	05.54	T	Distance Protection.Tripped at Nerle end
New Koyna - Pedambe	IntraState	14/02/2017	03.56	14/02/2017	06.50	T	Distance Protection. 25 mva HV side C.T.bust at pedambe
Kharghar-Panvel TSS	IntraState	14/02/2017	08.05		Continued.	PO	Bunching Work of TSS-Kharghar & Kharghar-MSL-PGPL Ckt & Jumper Remove.
Kharghar-PGPL	IntraState	14/02/2017	08.35		Continued.	PO	Bunching Work of TSS Kharghar & Kharghar-MSL-PGPL Ckt & Jumper Remove.
Niwali - Pawas Line	IntraState	14/02/2017	09.11	14/02/2017	18.20	PO	Maintenance Work.
Kanhan-Umred 1	IntraState	14/02/2017	10.37	14/02/2017	12.22	PO	line Signature Test.
Karad - Vita Ckt- II	IntraState	14/02/2017	12.01	14/02/2017	17.02	PO	Maintenance Work.
Kanhan-Bhandara I	IntraState	14/02/2017	12.34	14/02/2017	13.31	PO	line Signature Test.

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 14/Feb/2017

Statement-VII

Position as on 6.30 Hrs of 15/Feb/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Umred-Kanhan 2	IntraState	14/02/2017	14.08	14/02/2017	15.40	PO	line Signature Test.
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	Augumentation 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
220/100 kv 200 MVA ICT II @Padghe	IntraState	14/02/2017	10.32	14/02/2017	17.36	PO	Maintenance Work.
220/132 Kv 200 Mva Ict - 1 @Harangul	IntraState	14/02/2017	18.20	14/02/2017	20.03	PO	To Attend Hot Spot on HV & LV Bushing.

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