

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Feb/2017 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	147.632	3508.978	1) Gujrat	1.522	34.596
2) Hydro	10.789	356.421	2) Madhya Pradesh	13.390	322.762
3) Gas	9.492	239.883	3) Chattisgarh	8.380	197.392
Total MSPGCL	167.913	4105.282	4) Maharashtra Net	130.902	3415.889
B) 1) APML	58.040	1217.523	5) Goa (Amona)	-0.594	-15.740
2) JSWEL	9.218	235.208	Total	153.600	3954.899
3) VIPL	6.374	162.743	a) Mumbai Schedule	17.251	429.619
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	19.476	508.106
5) WPCL	3.930	98.744	c) MSEDCL Bilateral *	50.178	1139.028
6) PGPL	0.000	7.780	Include PX	6.691	147.689
7) Other IPP	6.878	168.846	d) Mumbai Bilateral *	17.251	429.619
C) 1) TPCL Thermal	15.063	338.069	Include PX	7.544	165.352
2) TPCL Hydro	3.449	93.364	Include Standby	0.000	0.000
3) TPCL Gas	4.477	98.094	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.734	267.120	1) MSEDCL	396.874	9665.083
D) STATE			2) Mumbai Discoms	53.197	1304.742
1) Thermal	257.869	5997.231	TOTAL STATE	450.071	10969.825
(A1+C1+C4+(B1-B6))					
2) Hydro	14.238	449.785			
(A2+C2)					
3) Gas	13.969	345.757			
(A3+B6+C3)					
4) Wind	8.943	189.366			
6) SOLAR	1.454	32.798			
TOTAL STATE	296.473	7014.937			

* 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	6489	6338	5893	5857
MSPGCL Hydro	1201	808	354	145
MSPGCL Gas	265	271	418	434
MSPGCL Total Generation	7955	7417	6665	6436
Central Sector Receipt	7333	7516	6441	5172
WIND	276	202	220	511
CPP / IPP Thermal	3521	3533	3589	3493
CPP / IPP Gas	0	0	0	0
SOLAR	196	206	0	0
Exchange with Mumbai	-927	-927	-1060	-516
MSEDCL DEMAND MET	18354	17947	15855	15096
Load Shedding	0	0	0	0
MSEDCL DEMAND	18354	17947	15855	15096
TPCL GENERATION	1209	1201	1117	697
R-INFRA GENERATION	503	507	385	387
MUMBAI DEMAND	2639	2635	2562	1600
STATE DEMAND MET	20993	20582	18417	16696
STATE DEMAND	20993	20582	18417	16696
Frequency (Hz)	49.92	49.92	49.96	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 18:02 Hrs	49.76 Hz at 21:06 Hrs	49.96	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 25/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	0.00	45.58	0	0
Unit 8	15.13	337.83	660	570
Unit 9	9.62	176.96	413	365
Unit 10	0.00	66.63	0	0
Total	24.75	627.00		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.92	35.31	170	155
Unit 4	10.66	271.51	510	360
Unit 5	10.66	232.64	515	375
Total	25.24	539.46		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.26	118.42	250	95
Unit 7	5.35	135.20	252	187
Unit 8	0.00	0.00	0	0
Total	10.61	253.62		
Chandrapur				
Unit 3	4.55	113.43	200	171
Unit 4	4.47	113.65	198	167
Unit 5	9.54	254.87	455	278
Unit 6	4.64	122.66	450	0
Unit 7	0.00	0.00	0	0
Unit 8	11.23	237.20	500	430
Unit 9	10.91	263.24	510	400
Total	45.33	1105.04		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.60	138.95	257	194
Total	5.60	138.95		
Khaparkheda				
Unit 1	4.06	103.22	190	150
Unit 2	4.16	105.60	195	160
Unit 3	4.32	95.40	201	160
Unit 4	4.23	95.32	192	160
Unit 5	10.53	229.74	500	375
Total	27.30	629.28		
Nasik				
Unit 3	4.39	107.35	205	165
Unit 4	4.41	6.42	207	161
Unit 5	0.00	101.86	0	0
Total	8.80	215.62		
Uran				
All Units	9.49	239.88	448	265
Total	9.49	239.88		
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)	0.21	7.18	47	0
Total	0.21	7.18		
Koyna				
Stage 1-2	2.28	84.40	290	40
Stage 4	2.41	96.75	381	0
Stage 3	0.87	39.30	80	0
Total	5.56	220.44		
Hydro				
KDPH	0.86	18.55	36	36
VTRNA	0.44	16.79	60	0
TILLARI	0.38	11.45	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	5.27	77	0
RNGR+BHTSA	0.33	7.60	14	13
BHANDARDRA	0.53	9.78	43	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.40	17.09	17	16
GHATGHAR	2.08	49.44	250	0
Total	5.23	135.98		
Wind				
Total	8.94	189.37	0	0
Total	8.94	189.37		
CPP				
APML(Mus)	58.04	1217.52	0	0
JSWEL(Mus)	9.22	235.21	0	0
VIPL(Mus)	6.37	162.74	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	3.93	98.74	0	0
Other(Mus)	6.88	168.85	0	0
Total	84.44	1883.06		
SOLAR				
Total	1.45	32.80	0	0
Total	1.45	32.80		
Tata				
Trombay 5	9.69	207.15	487	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.84	60.96	123	115
Trombay 7B	1.63	37.14	69	66
Trombay 8	5.37	130.92	248	199
TATA Hydro	3.45	93.36	360	6
Total	22.99	529.53		
R-INFRA				
1-2	10.73	267.12	510	385
Total	10.73	267.12		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	147.63	3508.98	MSPGCL Total	167.91	4105.28
			MSPGCL Thml+Gas	157.12	3748.86	Koyna 1,2 & 4 Total	4.69	181.14
			MSPGCL Hydro	10.79	356.42	State Total	296.47	7014.94

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/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	5763	220	444	6427	474	3520	0	0	5774	5873	-788	15506	0	15506	1906	17412	49.92
2	5812	220	434	6466	482	3490	0	0	5525	5674	-674	15438	0	15438	1759	17197	49.95
3	5833	130	444	6407	544	3503	0	0	5401	5296	-590	15160	0	15160	1675	16835	49.97
4	5857	145	434	6436	511	3493	0	0	5497	5172	-516	15096	0	15096	1600	16696	49.96
5	5797	121	434	6352	523	3488	0	0	5435	5494	-522	15335	0	15335	1606	16941	49.98
6	6252	174	444	6870	629	3523	0	0	5477	5583	-591	16014	0	16014	1687	17701	49.97
7	6752	711	436	7899	625	3586	0	0	6093	5531	-429	17212	0	17212	1796	19008	49.99
8	6755	667	448	7870	529	3546	0	12	6947	6599	-422	18134	0	18134	1906	20040	50.02
9	6739	298	439	7476	411	3521	0	83	7137	7082	-453	18120	0	18120	2091	20211	49.98
10	6744	452	296	7492	359	3530	0	123	6552	6632	-729	17407	0	17407	2440	19847	49.98
11	6662	901	265	7828	372	3520	0	174	6781	6431	-901	17424	0	17424	2568	19992	49.98
12	6489	1201	265	7955	276	3521	0	196	7362	7333	-927	18354	0	18354	2639	20993	49.92
13	6338	808	271	7417	202	3533	0	206	7711	7516	-927	17947	0	17947	2635	20582	49.92
14	6405	716	280	7401	219	3513	0	194	7701	7236	-837	17726	0	17726	2519	20245	49.97
15	6264	720	331	7315	228	3551	0	182	7651	7558	-870	17964	0	17964	2539	20503	49.92
16	6308	745	404	7457	238	3567	0	146	7787	7473	-866	18015	0	18015	2534	20549	49.93
17	6382	558	418	7358	206	3603	0	98	7036	7043	-821	17487	0	17487	2508	19995	49.91
18	6386	344	405	7135	215	3610	0	38	6589	6312	-821	16489	0	16489	2487	18976	49.99
19	6035	391	433	6859	226	3607	0	2	6678	6080	-1036	15738	0	15738	2513	18251	49.94
20	5893	354	418	6665	220	3589	0	0	6781	6441	-1060	15855	0	15855	2562	18417	49.96
21	5753	251	439	6443	303	3530	0	0	6862	6470	-1277	15469	0	15469	2489	17958	49.98
22	5523	179	434	6136	402	3341	0	0	6512	6411	-1270	15020	0	15020	2368	17388	49.93
23	5477	169	430	6076	388	3322	0	0	6218	6142	-1162	14766	0	14766	2257	17023	49.93
24	5413	314	446	6173	361	3432	0	0	6080	6218	-987	15197	0	15197	2115	17312	49.92
MUs	147.63	10.79	9.49	167.91	8.94	84.44	0.00	1.45	157.59	153.60	-19.48	396.87	0.00	396.87	53.20	450.07	49.96

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 25/Feb/2017

Position as on 6.30 Hrs of 26/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	
MSPGCL	Koyana 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	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.	
MSPGCL	Koradi Unit 10	660	07/02/2017	00.10		Continued.	Work Of PG Test.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 25/Feb/2017

Position as on 6.30 Hrs of 26/Feb/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	
IPP	Adani U-4	660	21/02/2017	23.05	26/02/2017	19.26	pa duct bellow leakage	
MSPGCL	Nasik Unit 5	210	24/02/2017	14.30		Continued.	Zero Schedule.	
MSPGCL	Uran Unit 7	108	25/02/2017	09.12	25/02/2017	13.07	Filter Replacement.	
MSPGCL	Uran Unit B0	120	25/02/2017	09.16	25/02/2017	14.54	Filter Replacement.	
MSPGCL	Chandrapur Unit 6	500	25/02/2017	11.48		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 7	500	25/02/2017	19.32		Continued.	Tripped sparking in turbine bearing.	
MSPGCL	Koradi Unit-8	660	26/02/2017	18.36	26/02/2017	23.08	FD Fan Problem.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/Feb/2017

Statement-VII

Position as on 6.30 Hrs of 26/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 - Tirora - I	IntraState	26/02/2017	08.25	26/02/2017	18.52	PO	Annual Maintenance Work
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	24/02/2017	17.25	25/02/2017	06.47	HT	Over Voltage
Dabhol Nagothane II	InterState	25/02/2017	14.44		Continued.	T	Distance Protection
Dhule Sar'Sarovar II	InterState	25/02/2017	21.19	26/02/2017	06.52	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	26/02/2017	18.06		Continued.	HT	Over Voltage
Main Bus - II @ Kalwa	IntraState	24/02/2017	08.55		Continued.	PO	Conductor Replacement Work.
karad -kolhapur-II	IntraState	24/02/2017	16.13	25/02/2017	06.47	HT	Over Voltage
Karad-Jaigad - I	IntraState	24/02/2017	16.16	25/02/2017	08.16	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	24/02/2017	18.00	25/02/2017	06.02	HT	Over Voltage
Padghe - Kalwa-II	IntraState	25/02/2017	08.17	26/02/2017	14.53	PO	Replacement work
Akola-Bhusawal(khadka) bay 410	IntraState	25/02/2017	08.18	25/02/2017	20.44	PO	Testing Work
karad -kolhapur-I	IntraState	25/02/2017	18.06	26/02/2017	08.50	HT	Over Voltage
Karad - Jaigad - II	IntraState	25/02/2017	18.08	26/02/2017	08.44	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	25/02/2017	20.48	26/02/2017	07.18	HT	Over Voltage
Akola - Bhusawal	IntraState	25/02/2017	21.12	25/02/2017	23.08	HT	Emergency outage
karad -kolhapur-II	IntraState	26/02/2017	17.07		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	26/02/2017	18.15		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	24/02/2017	08.47	25/02/2017	14.38	PO	Shifted on TBC.
400/220/33kv 315MVA ICT-I @Lonikand	IntraState	24/02/2017	14.25		Continued.	PO	R Ph Unit Overhauling Work.
400/220/33 kv 315 MVA ICT-I @Chandrapur	IntraState	25/02/2017	08.34	25/02/2017	18.26	PO	Testing Work
220 KV LINE Outages/Trippings							
Mahalakshmi Amona	InterState	25/02/2017	06.10	25/02/2017	06.40	T	Distance Protection
Mahalakshmi Amona	InterState	25/02/2017	06.50	25/02/2017	14.21	T	Distance Protection
Vasai Boiser(PG)	InterState	26/02/2017	08.52	26/02/2017	17.17	PO	Attending Hot Spot
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.
Pophli Pedhmbe Line- 2	IntraState	13/02/2017	03.40		Continued.	T	Distance Protection at pedhmbe end
Trombay MSETCL Tie 2	IntraState	22/02/2017	09.24		Continued.	PO	protection panel replacement work.
Main Bus-I @ Gorai	IntraState	25/02/2017	09.25	25/02/2017	19.51	PO	To attend SF-6 gas leakage.
Telco- Chinchwad	IntraState	25/02/2017	10.36	25/02/2017	16.46	PO	Annual Maintenance Work
Kalwa - Taloja	IntraState	25/02/2017	13.28	25/02/2017	15.07	T	Distance Protection
Versova Gorai Line	IntraState	25/02/2017	13.51	25/02/2017	20.07	PO	Replacement of bus side earth switch.
Parli 3 (Old Gcr)-Osmanabad	IntraState	25/02/2017	16.32	25/02/2017	21.01	PO	To replacement Y phase PH cross arm at LOC no.56.
Nanded-Parbhani	IntraState	25/02/2017	18.41	25/02/2017	21.32	EO	In view of emergency outage on 220 Kv nanded kumbhargaoon.
Arey - TPC Borivali	IntraState	26/02/2017	09.02	26/02/2017	21.39	PO	Annual Maintenance Work
Padghe - Wada	IntraState	26/02/2017	12.38	26/02/2017	18.59	T	Distance Protection

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 25/Feb/2017

Statement-VII

Position as on 6.30 Hrs of 26/Feb/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Waluj - Chitegaon li	IntraState	26/02/2017	13.12	26/02/2017	16.28	EO	Wave Trap Jumper 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)
220/33kV 125 MVA Transformer 2 @Gorai R/S	IntraState	25/02/2017	08.55	25/02/2017	14.58	PO	To attend SF-6 gas leakage.
220/22 Kv 50 Mva Imp Ptr 2 @Airoli Knowledge Park	IntraState	25/02/2017	09.10	25/02/2017	18.23	PO	Testing Work
200MVA ICT VI @ Nasik GCR	IntraState	25/02/2017	09.26	25/02/2017	17.26	PO	To attend oil leakage.