

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Feb/2017 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	136.829	136.829	1) Gujrat	1.674	1.674
2) Hydro	15.219	15.219	2) Madhya Pradesh	13.842	13.842
3) Gas	7.456	7.456	3) Chattisgarh	6.340	6.340
Total MSPGCL	159.504	159.504	4) Maharashtra Net	150.082	150.082
B) 1) APML	45.178	45.178	5) Goa (Amona)	-0.562	-0.562
2) JSWEL	8.687	8.687	Total	171.376	171.376
3) VIPL	6.445	6.445	a) Mumbai Schedule	16.907	16.907
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	27.168	27.168
5) WPCL	4.250	4.250	c) MSEDCL Bilateral *	37.468	37.468
6) PGPL	0.000	0.000	Include PX	7.082	7.082
7) Other IPP	6.089	6.089	d) Mumbai Bilateral *	16.907	16.907
C) 1) TPCL Thermal	5.304	5.304	Include PX	6.036	6.036
2) TPCL Hydro	6.470	6.470	Include Standby	0.000	0.000
3) TPCL Gas	2.830	2.830	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.713	10.713	1) MSEDCL	377.301	377.301
D) STATE			2) Mumbai Discoms	52.485	52.485
1) Thermal	223.495	223.495	TOTAL STATE	429.786	429.786
(A1+C1+C4+(B1-B6))					
2) Hydro	21.689	21.689			
(A2+C2)					
3) Gas	10.286	10.286			
(A3+B6+C3)					
4) Wind	1.661	1.661			
6) SOLAR	1.279	1.279			
TOTAL STATE	258.410	258.410			

* 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	5925	5957	5735	5383
MSPGCL Hydro	916	818	446	110
MSPGCL Gas	311	291	310	322
MSPGCL Total Generation	7152	7066	6491	5815
Central Sector Receipt	8549	8545	7238	5750
WIND	69	36	109	63
CPP / IPP Thermal	2985	2980	3045	2786
CPP / IPP Gas	0	0	0	0
SOLAR	177	193	0	0
Exchange with Mumbai	-1346	-1324	-1358	-726
MSEDCL DEMAND MET	17586	17496	15525	13688
Load Shedding	0	0	0	0
MSEDCL DEMAND	17586	17496	15525	13688
TPCL GENERATION	824	822	778	328
R-INFRA GENERATION	495	501	423	387
MUMBAI DEMAND	2665	2647	2559	1441
STATE DEMAND MET	20251	20143	18084	15129
STATE DEMAND	20251	20143	18084	15129
Frequency (Hz)	49.98	49.98	49.97	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.28 Hz at 18.01 Hrs	49.74 Hz at 07.11 Hrs	49.95	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 01/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	0.00	0	0
Unit 8	12.10	12.10	545	473
Unit 9	0.00	0.00	0	0
Unit 10	10.20	10.20	500	343
Total	22.31	22.31		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.91	10.91	505	360
Unit 5	10.89	10.89	510	360
Total	21.80	21.80		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.83	4.83	250	176
Unit 7	5.22	5.22	245	184
Unit 8	0.00	0.00	0	0
Total	10.05	10.05		
Chandrapur				
Unit 3	4.51	4.51	199	170
Unit 4	4.49	4.49	194	167
Unit 5	10.04	10.04	450	365
Unit 6	8.50	8.50	365	334
Unit 7	0.00	0.00	0	0
Unit 8	10.18	10.18	480	360
Unit 9	10.96	10.96	503	365
Total	48.68	48.68		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.57	5.57	250	188
Total	5.57	5.57		
Khaparkheda				
Unit 1	4.26	4.26	195	160
Unit 2	4.15	4.15	200	150
Unit 3	4.46	4.46	203	160
Unit 4	3.88	3.88	174	152
Unit 5	3.03	3.03	400	0
Total	19.77	19.77		
Nasik				
Unit 3	4.33	4.33	200	160
Unit 4	0.00	0.00	0	0
Unit 5	4.32	4.32	198	164
Total	8.65	8.65		
Uran				
All Units	7.46	7.46	336	289
Total	7.46	7.46		
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)	0.33	0.33	47	0
Total	0.33	0.33		
Koyna				
Stage 1-2	3.79	3.79	375	40
Stage 4	3.95	3.95	752	0
Stage 3	1.65	1.65	160	0
Total	9.39	9.39		
Hydro				
KDPH	0.88	0.88	37	36
VTRNA	1.06	1.06	60	0
TILLARI	0.45	0.45	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.34	0.34	80	0
RNGR+BHTSA	0.34	0.34	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.44	0.44	19	18
GHATGHAR	2.32	2.32	250	0
Total	5.83	5.83		
Wind				
Total	1.66	1.66	0	0
Total	1.66	1.66		
CPP				
APML(Mus)	45.18	45.18	0	0
JSWEL(Mus)	8.69	8.69	0	0
VIPL(Mus)	6.44	6.44	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.25	4.25	0	0
Other(Mus)	6.09	6.09	0	0
Total	70.65	70.65		
SOLAR				
Total	1.28	1.28	0	0
Total	1.28	1.28		
Tata				
Trombay 5	0.00	0.00	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.62	1.62	87	53
Trombay 7B	1.21	1.21	57	42
Trombay 8	5.30	5.30	249	199
TATA Hydro	6.47	6.47	459	5
Total	14.60	14.60		
R-INFRA				
1-2	10.71	10.71	511	386
Total	10.71	10.71		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	136.83	136.83	MSPGCL Total	159.50	159.50
			MSPGCL Thml+Gas	144.28	144.28	Koyna 1,2 & 4 Total	7.74	7.74
			MSPGCL Hydro	15.22	15.22	State Total	258.41	258.41

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/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	5314	176	310	5800	47	2767	0	0	5735	6258	-1000	13872	0	13872	1716	15588	49.96
2	5386	110	320	5816	41	2780	0	0	5817	5839	-855	13621	0	13621	1573	15194	49.95
3	5426	115	313	5854	65	2786	0	0	5815	5867	-770	13802	0	13802	1487	15289	49.97
4	5383	110	322	5815	63	2786	0	0	5799	5750	-726	13688	0	13688	1441	15129	49.95
5	5377	109	324	5810	124	2799	0	0	5808	5970	-732	13971	0	13971	1451	15422	49.91
6	5796	464	320	6580	120	2883	0	0	5877	6418	-753	15248	0	15248	1569	16817	49.94
7	6206	766	321	7293	115	2988	0	0	6719	6630	-836	16190	0	16190	1817	18007	49.90
8	6240	1563	322	8125	84	3011	0	7	7375	7286	-795	17718	0	17718	1945	19663	49.90
9	5892	1584	336	7812	41	3043	0	55	7569	7595	-952	17594	0	17594	2267	19861	49.96
10	5901	1292	317	7510	40	3038	0	106	7556	7504	-1122	17076	0	17076	2429	19505	49.94
11	5860	989	298	7147	31	3004	0	163	7946	8044	-1332	17057	0	17057	2655	19712	49.97
12	5925	916	311	7152	69	2985	0	177	8651	8549	-1346	17586	0	17586	2665	20251	49.98
13	5957	818	291	7066	36	2980	0	193	8655	8545	-1324	17496	0	17496	2647	20143	49.98
14	5975	621	289	6885	33	2970	0	182	8633	8571	-1289	17352	0	17352	2558	19910	49.98
15	5882	654	294	6830	46	2976	0	168	8465	8398	-1285	17133	0	17133	2580	19713	49.95
16	5818	881	295	6994	59	2987	0	126	8500	8578	-1277	17467	0	17467	2596	20063	49.97
17	5827	998	294	7119	63	3005	0	79	7704	7915	-1286	16895	0	16895	2606	19501	49.92
18	5831	715	314	6860	99	3040	0	23	7375	7591	-1248	16365	0	16365	2568	18933	49.95
19	5735	446	310	6491	109	3045	0	0	7222	7238	-1358	15525	0	15525	2559	18084	49.97
20	5651	518	302	6471	66	3062	0	0	7310	6855	-1444	15010	0	15010	2557	17567	49.98
21	5213	326	305	5844	72	2907	0	0	7240	7234	-1450	14607	0	14607	2463	17070	49.91
22	5254	399	316	5969	85	2814	0	0	6594	6760	-1430	14198	0	14198	2287	16485	49.94
23	5644	366	314	6324	70	2970	0	0	5929	5901	-1338	13927	0	13927	2116	16043	49.97
24	5336	283	318	5937	83	3025	0	0	5996	6080	-1220	13905	0	13905	1933	15838	49.99
MUs	136.83	15.22	7.46	159.50	1.66	70.65	0.00	1.28	170.29	171.38	-27.17	377.30	0.00	377.30	52.48	429.79	49.95

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 01/Feb/2017

Position as on 6.30 Hrs of 02/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	
TPC-G	Trombay 5	500	03/01/2017	21.49		Continued.	Annual Overhaul	
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	
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.	
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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 01/Feb/2017

Position as on 6.30 Hrs of 02/Feb/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	VIPL U-1	300	03/01/2017	00.45		Continued.	turbine bearing temprature high.	
PGPL	PGPL U1	262	13/01/2017	19.15		Continued.	No schedule.	
PGPL	PGPL U2	126	13/01/2017	19.15		Continued.	No schedule.	
MSPGCL	Uran Unit 5	108	26/01/2017	09.35		Continued.	Gas shortage	
MSPGCL	Koradi Unit 9	660	28/01/2017	23.08		Continued.	Debrish Filter Jamming.	
MSPGCL	Koradi Unit 7	210	30/01/2017	13.55		Continued.	BOILER FEED PUMP TRIPPED.	
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	Khaparkheda Unit 5	500	01/02/2017	08.02		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Feb/2017

Statement-VII

Position as on 6.30 Hrs of 02/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							
Dabhol Nagothane II	InterState	28/01/2017	10.32	01/02/2017	18.42	EO	Emergency outage Earth Wire Stringing Work.
Dhule Sar'Sarovar II	InterState	31/01/2017	16.51	01/02/2017	06.30	HT	Over Voltage
Koradi Bhilai	InterState	01/02/2017	12.11	01/02/2017	17.50	EO	FOR REMOVING BALOON.
Dhule Sar'Sarovar II	InterState	01/02/2017	18.14	02/02/2017	06.16	HT	Over Voltage
karad -kolhapur-I	IntraState	31/01/2017	16.37	01/02/2017	08.53	HT	Over Voltage
Karad - Jaigad - II	IntraState	31/01/2017	16.41	01/02/2017	08.48	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	31/01/2017	18.03	01/02/2017	06.48	HT	Over Voltage
Koradi-Khaperkheda li	IntraState	01/02/2017	09.41	01/02/2017	17.20	PO	DIAGNOSTIC TESTING.
karad -kolhapur-II	IntraState	01/02/2017	17.31		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	01/02/2017	17.35		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	01/02/2017	17.42	02/02/2017	06.52	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.
New Koyna - Loteparshuram	IntraState	01/02/2017	10.51	01/02/2017	20.07	PO	Line Maintenance work
Bableswhar- Alephata	IntraState	01/02/2017	15.53	01/02/2017	19.49	T	load trimming oper ,at Bableswhar,load shifted on lonikand-2.
Padghe - Nalasopara	IntraState	02/02/2017	02.09	02/02/2017	02.21	T	Distance Protection
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 50 Mva Gec Ict 1 @Kandalgaon	IntraState	15/12/2016	12.15		Continued.	PO	Augumentation Work(Outage for 3 Months).
220/132 Kv 100 Mva Gec Ict 1 @Pusad	IntraState	13/01/2017	15.23		Continued.	PO	Work of tap changer.
132 KV LINE Outages/Trippings							
Daund-Alegaon	IntraState	01/02/2017	12.15	01/02/2017	19.10	PO	FOR CONSTRUCTION WORK.

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