

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Feb/2017 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	132.389	1080.570	1) Gujrat	0.837	10.587
2) Hydro	23.584	133.159	2) Madhya Pradesh	11.295	105.610
3) Gas	10.735	62.572	3) Chattisgarh	8.030	63.702
Total MSPGCL	166.708	1276.301	4) Maharashtra Net	139.086	1122.896
B) 1) APML	46.260	365.731	5) Goa (Amona)	-0.702	-4.778
2) JSWEL	9.894	71.380	Total	158.546	1298.017
3) VIPL	7.206	53.095	a) Mumbai Schedule	13.804	136.549
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	16.388	166.065
5) WPCL	3.308	32.456	c) MSEDCL Bilateral *	43.728	338.451
6) PGPL	0.000	7.780	Include PX	6.542	61.748
7) Other IPP	7.057	55.202	d) Mumbai Bilateral *	13.804	136.549
C) 1) TPCL Thermal	15.750	88.426	Include PX	2.568	49.653
2) TPCL Hydro	3.852	34.226	Include Standby	0.000	0.000
3) TPCL Gas	3.641	28.959	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.289	86.888	1) MSEDCL	387.694	3035.989
D) STATE			2) Mumbai Discoms	50.920	404.564
1) Thermal	233.153	1833.748	TOTAL STATE	438.614	3440.553
(A1+C1+C4+(B1-B6))					
2) Hydro	27.436	167.385			
(A2+C2)					
3) Gas	14.376	99.311			
(A3+B6+C3)					
4) Wind	3.845	31.889			
6) SOLAR	1.258	10.203			
TOTAL STATE	280.068	2142.536			

* 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	5708	5701	5206	5278
MSPGCL Hydro	1650	1599	941	138
MSPGCL Gas	447	429	447	479
MSPGCL Total Generation	7805	7729	6594	5895
Central Sector Receipt	7729	7591	6710	5488
WIND	70	48	304	153
CPP / IPP Thermal	3128	3068	3052	3101
CPP / IPP Gas	0	0	0	0
SOLAR	176	180	0	0
Exchange with Mumbai	-805	-738	-1087	-333
MSEDCL DEMAND MET	18103	17878	15573	14304
Load Shedding	0	0	0	0
MSEDCL DEMAND	18103	17878	15573	14304
TPCL GENERATION	1358	1356	955	631
R-INFRA GENERATION	502	508	451	387
MUMBAI DEMAND	2665	2602	2493	1351
STATE DEMAND MET	20768	20480	18066	15655
STATE DEMAND	20768	20480	18066	15655
Frequency (Hz)	49.97	49.95	49.98	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 18.00 Hrs	49.75 Hz at 07.18 Hrs	49.97	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 08/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	20.92	170	142
Unit 8	13.61	104.81	628	510
Unit 9	8.74	21.13	382	340
Unit 10	0.00	66.63	0	0
Total	26.24	213.49		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	12.20	88.71	515	505
Unit 5	0.00	69.14	0	0
Total	12.20	157.85		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.69	41.84	250	139
Unit 7	5.76	43.88	249	220
Unit 8	0.00	0.00	0	0
Total	11.44	85.73		
Chandrapur				
Unit 3	4.68	36.87	200	192
Unit 4	4.69	36.93	200	192
Unit 5	10.83	82.95	460	440
Unit 6	0.00	24.25	0	0
Unit 7	0.00	0.00	0	0
Unit 8	10.07	62.56	461	340
Unit 9	10.66	85.24	460	419
Total	40.93	328.80		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.16	43.45	257	0
Total	5.16	43.45		
Khaparkheda				
Unit 1	4.32	33.87	185	160
Unit 2	4.42	34.06	195	160
Unit 3	4.62	29.37	203	162
Unit 4	4.30	33.37	190	162
Unit 5	10.28	50.92	470	385
Total	27.94	181.59		
Nasik				
Unit 3	4.00	34.57	205	0
Unit 4	0.00	0.00	0	0
Unit 5	4.47	35.08	202	163
Total	8.47	69.66		
Uran				
All Units	10.74	62.57	481	345
Total	10.74	62.57		
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)	0.35	3.43	47	0
Total	0.35	3.43		
Koyna				
Stage 1-2	5.10	32.18	590	40
Stage 4	9.72	38.70	1000	0
Stage 3	3.37	15.43	240	0
Total	18.20	86.31		
Hydro				
KDPH	0.44	5.92	19	18
VTRNA	0.51	8.87	60	0
TILLARI	0.47	3.81	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	2.13	40	0
RNGR+BHTSA	0.36	2.10	15	14
BHANDARDRA	0.51	0.77	34	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.67	5.14	35	25
GHATGHAR	2.24	18.12	250	0
Total	5.39	46.85		
Wind				
Total	3.84	31.89	0	0
Total	3.84	31.89		
CPP				
APML(Mus)	46.26	365.73	0	0
JSWEL(Mus)	9.89	71.38	0	0
VIPL(Mus)	7.21	53.10	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	3.31	32.46	0	0
Other(Mus)	7.06	55.20	0	0
Total	73.72	577.86		
SOLAR				
Total	1.26	10.20	0	0
Total	1.26	10.20		
Tata				
Trombay 5	10.31	45.84	490	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.22	17.72	115	64
Trombay 7B	1.42	11.24	68	49
Trombay 8	5.44	42.58	248	199
TATA Hydro	3.85	34.23	459	17
Total	23.24	151.61		
R-INFRA				
1-2	11.29	86.89	511	386
Total	11.29	86.89		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	132.39	1080.57	MSPGCL Total	166.71	1276.30
			MSPGCL Thml+Gas	143.12	1143.14	Koyna 1,2 & 4 Total	14.82	70.88
			MSPGCL Hydro	23.58	133.16	State Total	280.07	2142.54

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/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	5377	123	345	5845	66	3099	0	0	5624	5818	-281	14547	0	14547	1600	16147	49.98
2	5388	143	425	5956	120	3095	0	0	5654	5362	-213	14320	0	14320	1470	15790	49.99
3	5288	138	456	5882	145	3088	0	0	5660	5685	-359	14441	0	14441	1391	15832	49.98
4	5278	138	479	5895	153	3101	0	0	5645	5488	-333	14304	0	14304	1351	15655	49.99
5	5455	119	468	6042	218	3115	0	0	5640	5681	-281	14775	0	14775	1373	16148	49.95
6	5602	481	479	6562	251	3103	0	0	5701	5872	-190	15598	0	15598	1535	17133	49.95
7	5619	1449	460	7528	287	3112	0	0	6271	5782	-363	16346	0	16346	1742	18088	49.93
8	5659	2124	481	8264	225	3109	0	10	6672	6819	-452	17975	0	17975	1961	19936	49.92
9	5677	2222	460	8359	162	3101	0	56	6756	7132	-485	18325	0	18325	2132	20457	49.99
10	5714	1820	473	8007	119	3119	0	115	6869	6965	-744	17581	0	17581	2472	20053	50.00
11	5696	1581	441	7718	104	3114	0	155	6962	7073	-820	17344	0	17344	2645	19989	50.00
12	5708	1650	447	7805	70	3128	0	176	7523	7729	-805	18103	0	18103	2665	20768	49.97
13	5701	1599	429	7729	48	3068	0	180	7519	7591	-738	17878	0	17878	2602	20480	49.95
14	5665	1507	436	7608	43	3059	0	182	7588	7561	-766	17687	0	17687	2494	20181	49.97
15	5618	1482	442	7542	57	3069	0	158	7633	7732	-805	17753	0	17753	2524	20277	49.91
16	5626	1474	423	7523	89	3058	0	127	7691	7566	-849	17514	0	17514	2524	20038	49.98
17	5636	1382	435	7453	99	3066	0	75	7267	7374	-815	17252	0	17252	2526	19778	49.94
18	5624	1108	443	7175	183	3041	0	24	6794	7228	-858	16793	0	16793	2480	19273	50.01
19	5332	794	438	6564	260	3069	0	0	6646	6571	-910	15554	0	15554	2482	18036	49.95
20	5206	941	447	6594	304	3052	0	0	6567	6710	-1087	15573	0	15573	2493	18066	49.98
21	5194	543	463	6200	283	3033	0	0	6537	6620	-1267	14869	0	14869	2421	17290	49.98
22	5320	396	446	6162	169	2998	0	0	6329	6348	-1190	14487	0	14487	2219	16706	49.99
23	5458	190	455	6103	201	2972	0	0	5942	5948	-1010	14214	0	14214	2028	16242	49.98
24	5548	180	464	6192	189	2960	0	0	5826	5889	-767	14463	0	14463	1790	16253	50.00
MUs	132.39	23.58	10.74	166.71	3.84	73.73	0.00	1.26	157.32	158.54	-16.39	387.69	0.00	387.69	50.92	438.61	49.97

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 08/Feb/2017

Position as on 6.30 Hrs of 09/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 08/Feb/2017

Position as on 6.30 Hrs of 09/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		Continued.	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		Continued.	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	Paras Unit 4	250	08/02/2017	18.01	08/02/2017	20.50	TRIPPED, LOSS OF FUEL.	
MSPGCL	Nasik Unit 3	210	08/02/2017	19.50	08/02/2017	22.25	CONTROL VALVE PROBLEM.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 08/Feb/2017

Statement-VII

Position as on 6.30 Hrs of 09/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							
Dhule Sar'Sarovar II	InterState	07/02/2017	18.18	08/02/2017	07.11	HT	Over Voltage
Kolhapur(M)-Kolhapur(GIS) ckt1	InterState	08/02/2017	09.40	08/02/2017	18.19	EO	To attend Insulator String
Dhule Sar'Sarovar I	InterState	08/02/2017	20.19		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	07/02/2017	18.06	08/02/2017	08.19	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	07/02/2017	18.33	08/02/2017	06.58	HT	Over Voltage
karad -kolhapur-I	IntraState	07/02/2017	22.04	08/02/2017	08.17	HT	Over Voltage
Cahndrapur II - Dhariwal II	IntraState	08/02/2017	09.31	08/02/2017	13.24	PO	Routine Maintenance Work
Padghe - Kalwa-II	IntraState	08/02/2017	12.23	08/02/2017	12.42	T	Bus Bar Protection Operated
Kalwa - Kharghar	IntraState	08/02/2017	12.23	08/02/2017	12.50	T	Bus Bar Protection Operated
Main Bus - II @ Kalwa	IntraState	08/02/2017	12.23	08/02/2017	12.35	T	Bus Bar Protection Operated
Chandrapur2-Parali 2 ckt1	IntraState	08/02/2017	13.39	08/02/2017	19.14	PO	REACTOR COLD WELDING WORK FOR OIL LEAKAGES FROM MANHOLE PLATE AND NEUTRAL CT TB.
karad -kolhapur-II	IntraState	08/02/2017	16.36		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	08/02/2017	16.37		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	08/02/2017	19.23		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	08/02/2017	12.23	08/02/2017	12.43	T	Bus Bar Protection Operated
400/220 Kv 500 MVA ICT-III @Kalwa	IntraState	08/02/2017	12.23	08/02/2017	12.40	T	Bus Bar Protection Operated
220 KV LINE Outages/Trippings							
Solapur (Pg) South Solapur I	InterState	08/02/2017	12.03	08/02/2017	15.52	PO	Line Signature Test
Solapur (Pg) South Solapur li	InterState	08/02/2017	16.06	08/02/2017	18.47	PO	Line Signature Test
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.
Kalwa - Airoli Knowledge Park	IntraState	08/02/2017	09.20	08/02/2017	19.33	PO	Routine Maintenance Work
Parli New Tps - Beed Ckt 1	IntraState	08/02/2017	10.15	08/02/2017	15.39	PO	Routine Maintenance Work
Koradi-Ambazari-li	IntraState	08/02/2017	10.23	08/02/2017	16.36	PO	Attending Hot Spot
Talandage(400kv) - Five Star Midc	IntraState	08/02/2017	10.25	08/02/2017	12.35	PO	Repl.of Insulator String
Bhandara-Bhandara Rly Tss 1	IntraState	08/02/2017	10.30	08/02/2017	15.04	PO	DAIGNOSTIC TESTING WORK CARRYING OUT SIGNATURE TEST.
REL Borivali MSETCL Borivali Line-2	IntraState	08/02/2017	11.25	08/02/2017	16.20	PO	Testing Work
Chinchwad- Parvati	IntraState	08/02/2017	11.55		Continued.	PO	Construction Work
Bhandara-Bhandara Rly Tss 2	IntraState	08/02/2017	15.20	08/02/2017	18.08	PO	DAIGNOSTIC TESTING WORK CARRYING OUT 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 lct 1 @Virur	IntraState	26/06/2016	19.25		Continued.	HT	Abnormal Sound Observed.
220/100 Kv 50 Mva Gec lct 1 @Kandalgaon	IntraState	15/12/2016	12.15		Continued.	PO	Augumentation Work(Outage for 3 Months).
220/132KV 100MVA ICT1@Ghatodi	IntraState	08/02/2017	10.34	08/02/2017	16.01	PO	OF HV AND LV BAY.

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 08/Feb/2017

Statement-VII

Position as on 6.30 Hrs of 09/Feb/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							DAIGNOSTIC TESTING WORK.
220/132 kv 100MVA ICT @ Bhandara	IntraState	08/02/2017	1015	08/02/2017	17.45	PO	DAIGNOSTIC TESTING WORK.
220/100 Kv 200 MVA ICT II @Kolshet	IntraState	08/02/2017	11.09	08/02/2017	17.30	PO	Testing Work
220/132 Kv 200 Mva Bbl Ict 1 @Beed	IntraState	08/02/2017	12.01	08/02/2017	15.08	PO	Routine Maintenance Work