

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Feb/2017 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	136.671	273.500	1) Gujrat	1.083	2.757
2) Hydro	19.681	34.900	2) Madhya Pradesh	14.343	28.185
3) Gas	7.429	14.885	3) Chattisgarh	8.830	15.170
Total MSPGCL	163.781	323.285	4) Maharashtra Net	148.389	295.006
B) 1) APML	46.282	91.460	5) Goa (Amona)	-0.594	-1.156
2) JSWEL	8.596	17.283	Total	172.051	339.962
3) VIPL	6.380	12.825	a) Mumbai Schedule	20.694	37.601
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	28.010	55.178
5) WPCL	4.155	8.405	c) MSEDCL Bilateral *	47.265	84.734
6) PGPL	0.000	0.000	Include PX	8.209	15.291
7) Other IPP	7.215	13.304	d) Mumbai Bilateral *	20.694	37.601
C) 1) TPCL Thermal	5.395	10.699	Include PX	8.790	14.827
2) TPCL Hydro	6.208	12.678	Include Standby	0.000	0.000
3) TPCL Gas	2.756	5.586	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.868	21.581	1) MSEDCL	384.516	758.352
D) STATE			2) Mumbai Discoms	53.237	105.722
1) Thermal	225.562	449.057	TOTAL STATE	437.753	864.074
(A1+C1+C4+(B1-B6))					
2) Hydro	25.889	47.578			
(A2+C2)					
3) Gas	10.185	20.471			
(A3+B6+C3)					
4) Wind	2.813	4.474			
6) SOLAR	1.253	2.532			
TOTAL STATE	265.702	524.112			

* 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	5812	5921	6085	5175
MSPGCL Hydro	1676	1748	389	169
MSPGCL Gas	297	296	306	311
MSPGCL Total Generation	7785	7965	6780	5655
Central Sector Receipt	8606	8186	6765	5905
WIND	111	97	240	75
CPP / IPP Thermal	3022	3032	3047	3043
CPP / IPP Gas	0	0	0	0
SOLAR	176	182	0	0
Exchange with Mumbai	-1412	-1387	-1309	-778
MSEDCL DEMAND MET	18288	18075	15523	13900
Load Shedding	0	0	0	0
MSEDCL DEMAND	18288	18075	15523	13900
TPCL GENERATION	852	826	777	301
R-INFRA GENERATION	498	506	510	387
MUMBAI DEMAND	2762	2719	2596	1466
STATE DEMAND MET	21050	20794	18119	15366
STATE DEMAND	21050	20794	18119	15366
Frequency (Hz)	49.97	49.95	49.94	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 18.01 Hrs	49.82 Hz at 16.11 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 02/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	13.51	25.62	640	519
Unit 9	0.00	0.00	0	0
Unit 10	10.91	21.11	570	311
Total	24.42	46.73		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.84	21.76	510	365
Unit 5	10.88	21.77	510	370
Total	21.72	43.52		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.49	10.32	250	197
Unit 7	5.41	10.63	252	187
Unit 8	0.00	0.00	0	0
Total	10.90	20.95		
Chandrapur				
Unit 3	4.67	9.19	200	189
Unit 4	4.64	9.13	197	190
Unit 5	9.89	19.93	435	395
Unit 6	8.51	17.01	365	345
Unit 7	0.00	0.00	0	0
Unit 8	9.96	20.13	470	328
Unit 9	10.26	21.22	486	340
Total	47.93	96.61		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.51	11.08	250	193
Total	5.51	11.08		
Khaparkheda				
Unit 1	4.33	8.58	200	155
Unit 2	4.32	8.47	200	150
Unit 3	4.45	8.91	204	160
Unit 4	4.30	8.17	191	160
Unit 5	0.00	3.03	0	0
Total	17.40	37.17		
Nasik				
Unit 3	4.41	8.74	205	160
Unit 4	0.00	0.00	0	0
Unit 5	4.38	8.70	199	160
Total	8.79	17.44		
Uran				
All Units	7.43	14.88	333	292
Total	7.43	14.88		
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)	0.17	0.50	42	0
Total	0.17	0.50		
Koyna				
Stage 1-2	4.26	8.04	495	40
Stage 4	7.41	11.36	822	0
Stage 3	1.95	3.60	240	0
Total	13.62	23.01		
Hydro				
KDPH	0.87	1.75	37	36
VTRNA	1.25	2.31	60	0
TILLARI	0.48	0.93	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.36	0.70	80	0
RNGR+BHTSA	0.34	0.69	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.50	0.94	21	20
GHATGHAR	2.25	4.58	250	0
Total	6.06	11.89		
Wind				
Total	2.81	4.47	0	0
Total	2.81	4.47		
CPP				
APML(Mus)	46.28	91.46	0	0
JSWEL(Mus)	8.60	17.28	0	0
VIPL(Mus)	6.38	12.82	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.16	8.40	0	0
Other(Mus)	7.22	13.30	0	0
Total	72.63	143.28		
SOLAR				
Total	1.25	2.53	0	0
Total	1.25	2.53		
Tata				
Trombay 5	0.00	0.00	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.58	3.20	95	53
Trombay 7B	1.17	2.38	60	42
Trombay 8	5.40	10.70	248	201
TATA Hydro	6.21	12.68	459	4
Total	14.36	28.96		
R-INFRA				
1-2	10.87	21.58	510	385
Total	10.87	21.58		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	136.67	273.50	MSPGCL Total	163.78	323.28
			MSPGCL Thml+Gas	144.10	288.38	Koyna 1,2 & 4 Total	11.67	19.41
			MSPGCL Hydro	19.68	34.90	State Total	265.70	524.11

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/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	5189	274	311	5774	78	3055	0	0	5770	6174	-1083	13998	0	13998	1766	15764	49.95
2	5208	279	312	5799	55	3037	0	0	5887	6132	-916	14107	0	14107	1598	15705	49.96
3	5180	179	332	5691	46	3042	0	0	5805	5913	-827	13865	0	13865	1511	15376	49.96
4	5175	169	311	5655	75	3043	0	0	5788	5905	-778	13900	0	13900	1466	15366	49.94
5	5197	171	321	5689	75	3030	0	0	5942	6309	-791	14312	0	14312	1478	15790	50.00
6	5575	421	333	6329	87	3062	0	0	6104	6717	-824	15371	0	15371	1625	16996	50.01
7	5831	1067	312	7210	81	3123	0	0	6762	6930	-839	16505	0	16505	1795	18300	50.00
8	5830	1487	314	7631	150	3135	0	9	7545	7544	-874	17595	0	17595	1991	19586	49.99
9	5814	1698	323	7835	164	3133	0	56	7816	8040	-957	18271	0	18271	2244	20515	49.97
10	5815	1699	304	7818	142	3144	0	113	7394	7435	-1187	17465	0	17465	2497	19962	49.98
11	5885	1506	312	7703	199	3044	0	151	7685	7921	-1421	17597	0	17597	2750	20347	49.99
12	5812	1676	297	7785	111	3022	0	176	8249	8606	-1412	18288	0	18288	2762	21050	49.97
13	5921	1748	296	7965	97	3032	0	182	8283	8186	-1387	18075	0	18075	2719	20794	49.95
14	5909	1295	303	7507	69	3046	0	183	8174	8282	-1317	17770	0	17770	2618	20388	49.99
15	5935	1296	298	7529	54	3055	0	158	8249	8363	-1334	17825	0	17825	2643	20468	49.94
16	5950	1315	292	7557	65	3056	0	127	8244	8422	-1319	17908	0	17908	2638	20546	49.95
17	6011	1076	292	7379	75	3053	0	75	7914	8087	-1310	17359	0	17359	2631	19990	49.91
18	6082	674	297	7053	108	3029	0	23	7077	7464	-1270	16407	0	16407	2589	18996	49.98
19	6085	389	306	6780	240	3047	0	0	6931	6765	-1309	15523	0	15523	2596	18119	49.94
20	6067	425	310	6802	214	3010	0	0	7170	6766	-1409	15383	0	15383	2592	17975	50.01
21	5666	265	304	6235	175	2967	0	0	7252	6926	-1501	14802	0	14802	2445	17247	49.98
22	5431	225	317	5973	167	2866	0	0	6690	6521	-1395	14132	0	14132	2243	16375	49.96
23	5490	175	314	5979	150	2756	0	0	6147	6382	-1307	13960	0	13960	2090	16050	49.98
24	5613	172	318	6103	136	2841	0	0	5965	6260	-1243	14097	0	14097	1950	16047	49.96
MUs	136.67	19.68	7.43	163.78	2.81	72.63	0.00	1.25	168.84	172.05	-28.01	384.52	0.00	384.52	53.24	437.75	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 02/Feb/2017

Position as on 6.30 Hrs of 03/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 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	
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 02/Feb/2017

Position as on 6.30 Hrs of 03/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	
IPP	JSW (J) U3	300	02/02/2017	10.16		Continued.	Cooling Water Pipe Line Leakage.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Feb/2017

Statement-VII

Position as on 6.30 Hrs of 03/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	01/02/2017	18.14	02/02/2017	06.16	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	02/02/2017	20.12		Continued.	HT	Over Voltage
Kolhapur(M)-Kolhapur(GIS) cktII	InterState	03/02/2017	04.56		Continued.	T	Distance Protection R & B Ph.
Kolhapur(M)-Kolhapur(GIS) ckt1	InterState	03/02/2017	06.32		Continued.	T	Distance Protection
karad -kolhapur-II	IntraState	01/02/2017	17.31	02/02/2017	08.49	HT	Over Voltage
Karad-Jaigad - I	IntraState	01/02/2017	17.35	02/02/2017	08.51	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	01/02/2017	17.42	02/02/2017	06.52	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	02/02/2017	09.44	02/02/2017	Continued.	PO	Maintenance Work RFC @ 16.57 Hrs.
karad -kolhapur-I	IntraState	02/02/2017	16.45	03/02/2017	07.01	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	02/02/2017	17.49	03/02/2017	06.42	HT	Over Voltage
karad -kolhapur-II	IntraState	03/02/2017	05.16		Continued.	T	Distance Protection R Ph.
Girwali- Lonikand 2	IntraState	03/02/2017	05.58		Continued.	T	Distance Protection
220 KV LINE Outages/Trippings							
Tillari Amona	InterState	02/02/2017	21.16	02/02/2017	21.21	T	Tripped Only @ Amona End.
Mahalakshmi Amona	InterState	02/02/2017	21.16	02/02/2017	21.21	T	Tripped Only @ Amona End.
Mahalakshmi Amona	InterState	02/02/2017	21.58	02/02/2017	22.02	T	Tripped Only @ Amona End.
Mudshingi - Chikodi	InterState	03/02/2017	05.17		Continued.	T	Distance Protection
Talandge Chikodi	InterState	03/02/2017	06.11		Continued.	T	Distance Protection
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.
Padghe - Nalasopara	IntraState	02/02/2017	02.09	02/02/2017	02.21	T	Distance Protection
Gorai MSETCL Borivali Line-1	IntraState	02/02/2017	09.40	02/02/2017	15.36	PO	Diagnostic Testing.
Kalmeshwar-Kalmeshwar Rly Tss 1	IntraState	02/02/2017	09.58	02/02/2017	14.55	PO	Routine Maintenance Work
Warora - Wardha	IntraState	02/02/2017	10.13	02/02/2017	17.48	PO	Routine Maintenance Work
Uran - Ongc Uran	IntraState	02/02/2017	11.00	02/02/2017	17.03	PO	Diagnostic Testing.
Urse-Chinchwad	IntraState	02/02/2017	11.36	02/02/2017	20.51	PO	Line Maintenance work
Baramati- Kalyani	IntraState	02/02/2017	11.45	02/02/2017	14.50	PO	Relay Testing Work.
Pusad-Ghatodi	IntraState	02/02/2017	12.29	02/02/2017	15.38	PO	Routine Maintenance Work
Baramati - Kurkumbh	IntraState	02/02/2017	14.52	02/02/2017	16.50	PO	Relay Testing Work.
Kalmeshwar-Kalmeshwar Rly Tss 2	IntraState	02/02/2017	15.20		Continued.	PO	Routine Maintenance Work
Bhugaon- Wardha	IntraState	02/02/2017	19.43	02/02/2017	21.02	PO	Attending Hot Spot
Talandge(400kv)- Sawantwadi(Insul	IntraState	03/02/2017	03.38		Continued.	T	Distance Protection
Kolhapur-Bidri	IntraState	03/02/2017	03.41	03/02/2017	04.48	T	Distance Protection
Kolhapur-Bidri	IntraState	03/02/2017	04.48		Continued.	T	Distance Protection
Talandge(400kv)- Ichalkaranji 1	IntraState	03/02/2017	05.21		Continued.	T	Distance Protection
Talandge-Hamidwada	IntraState	03/02/2017	05.47		Continued.	T	Distance Protection
Mumewadi -Halkarni I	IntraState	03/02/2017	06.08		Continued.	T	Distance Protection
Mumewadi -Halkarni II	IntraState	03/02/2017	06.08		Continued.	T	Distance Protection
Mudshingi-Belewadi	IntraState	03/02/2017	06.09		Continued.	T	Distance Protection
Talandge(400kv)- Ichalkaranji 2	IntraState	03/02/2017	06.46		Continued.	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 02/Feb/2017

Statement-VII

Position as on 6.30 Hrs of 03/Feb/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Talandge-Mudshingi Ckt-I	IntraState	03/02/2017	06.53		Continued.	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.
220/132kv 200MVA ICT-III @ Nanded	IntraState	02/02/2017	10.24	02/02/2017	17.27	PO	Replacement of Y Ph HV Bushing.

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