

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Feb/2017 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	148.847	2206.626	1) Gujrat	0.848	17.268
2) Hydro	13.267	239.542	2) Madhya Pradesh	10.894	199.911
3) Gas	10.553	147.246	3) Chattisgarh	7.820	125.372
Total MSPGCL	172.667	2593.414	4) Maharashtra Net	132.808	2231.154
B) 1) APML	48.208	719.435	5) Goa (Amona)	-0.534	-9.750
2) JSWEL	7.910	148.747	Total	151.836	2563.955
3) VIPL	6.695	105.125	a) Mumbai Schedule	19.127	267.640
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.518	312.875
5) WPCL	4.607	63.003	c) MSEDCL Bilateral *	43.110	707.822
6) PGPL	0.000	7.780	Include PX	3.137	101.341
7) Other IPP	6.114	109.571	d) Mumbai Bilateral *	19.127	267.640
C) 1) TPCL Thermal	15.217	207.100	Include PX	8.249	95.230
2) TPCL Hydro	3.832	60.676	Include Standby	0.000	0.000
3) TPCL Gas	4.025	60.491	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.753	171.814	1) MSEDCL	389.417	6114.460
D) STATE			2) Mumbai Discoms	56.343	812.953
1) Thermal	248.351	3731.421	TOTAL STATE	445.760	6927.413
(A1+C1+C4+(B1-B6))					
2) Hydro	17.099	300.218			
(A2+C2)					
3) Gas	14.578	215.517			
(A3+B6+C3)					
4) Wind	12.607	96.355			
6) SOLAR	1.291	19.950			
TOTAL STATE	293.926	4363.461			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6492	6380	6220	5711
MSPGCL Hydro	1900	875	297	136
MSPGCL Gas	451	430	431	457
MSPGCL Total Generation	8843	7685	6948	6304
Central Sector Receipt	6975	7029	6637	4947
WIND	483	812	341	504
CPP / IPP Thermal	3003	2950	2957	3162
CPP / IPP Gas	0	0	0	0
SOLAR	64	195	0	0
Exchange with Mumbai	-706	-1029	-1094	-618
MSEDCL DEMAND MET	18662	17642	15789	14299
Load Shedding	0	0	0	0
MSEDCL DEMAND	18662	17642	15789	14299
TPCL GENERATION	1088	1314	1154	656
R-INFRA GENERATION	510	510	439	388
MUMBAI DEMAND	2304	2853	2687	1662
STATE DEMAND MET	20966	20495	18476	15961
STATE DEMAND	20966	20495	18476	15961
Frequency (Hz)	50.03	50.01	49.99	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.28 Hz at 18.03 Hrs	49.77 Hz at 21.06 Hrs	50	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 16/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	13.08	212.93	660	329
Unit 9	9.40	94.63	402	380
Unit 10	0.00	66.63	0	0
Total	22.47	419.76		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.15	6.01	185	155
Unit 4	11.40	176.00	510	375
Unit 5	11.40	136.68	515	370
Total	26.96	318.69		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.74	81.43	250	197
Unit 7	5.74	88.02	252	187
Unit 8	0.00	0.00	0	0
Total	11.48	169.45		
Chandrapur				
Unit 3	4.60	73.34	200	172
Unit 4	4.60	73.60	199	172
Unit 5	9.81	165.72	450	350
Unit 6	10.30	61.57	450	365
Unit 7	0.00	0.00	0	0
Unit 8	7.93	145.79	353	302
Unit 9	10.41	169.57	491	350
Total	47.66	689.59		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.79	87.80	255	200
Total	5.79	87.80		
Khaparkheda				
Unit 1	3.73	66.41	180	135
Unit 2	3.78	67.23	180	145
Unit 3	3.77	56.83	200	142
Unit 4	3.78	57.66	190	145
Unit 5	10.79	134.52	500	380
Total	25.85	382.65		
Nasik				
Unit 3	4.30	69.06	200	160
Unit 4	0.00	0.00	0	0
Unit 5	4.34	69.63	200	165
Total	8.64	138.68		
Uran				
All Units	10.55	147.25	464	412
Total	10.55	147.25		
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)	0.20	6.03	49	0
Total	0.20	6.03		
Koyna				
Stage 1-2	3.60	58.35	480	40
Stage 4	2.64	65.73	750	0
Stage 3	1.26	26.84	160	0
Total	7.50	150.92		
Hydro				
KDPH	0.89	12.41	37	37
VTRNA	0.19	12.56	59	0
TILLARI	0.43	7.54	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.27	3.50	40	0
RNGR+BHTSA	0.34	4.85	14	13
BHANDARDRA	0.51	5.24	39	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.82	11.91	42	31
GHATGHAR	2.32	30.61	250	0
Total	5.77	88.62		
Wind				
Total	12.61	96.36	0	0
Total	12.61	96.36		
CPP				
APML(Mus)	48.21	719.44	0	0
JSWEL(Mus)	7.91	148.75	0	0
VIPL(Mus)	6.70	105.12	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.61	63.00	0	0
Other(Mus)	6.11	109.57	0	0
Total	73.53	1145.88		
SOLAR				
Total	1.29	19.95	0	0
Total	1.29	19.95		
Tata				
Trombay 5	9.80	122.21	489	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.49	37.40	115	79
Trombay 7B	1.53	23.09	68	56
Trombay 8	5.42	84.89	250	200
TATA Hydro	3.83	60.68	396	12
Total	23.07	328.27		
R-INFRA				
1-2	10.75	171.81	511	386
Total	10.75	171.81		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	148.85	2206.63	MSPGCL Total	172.67	2593.41
			MSPGCL Thml+Gas	159.40	2353.87	Koyna 1,2 & 4 Total	6.24	124.08
			MSPGCL Hydro	13.27	239.54	State Total	293.93	4363.46

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/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	5785	216	457	6458	649	3114	0	0	5242	5106	-857	14470	0	14470	1899	16369	49.99
2	5745	224	457	6426	588	3153	0	0	5349	5192	-696	14663	0	14663	1740	16403	50.00
3	5711	136	457	6304	504	3162	0	0	5327	4947	-618	14299	0	14299	1662	15961	50.03
4	5657	141	458	6256	498	3192	0	0	5313	5095	-562	14479	0	14479	1606	16085	50.02
5	5890	226	457	6573	416	3169	0	0	5334	5464	-569	15053	0	15053	1613	16666	50.04
6	6450	136	449	7035	379	3424	0	0	5650	5436	-677	15597	0	15597	1726	17323	49.97
7	6487	491	464	7442	425	3523	0	0	6315	6331	-563	17158	0	17158	1881	19039	49.97
8	6427	1230	462	8119	454	3205	0	8	6754	6779	-559	18006	0	18006	2108	20114	50.00
9	6492	1900	451	8843	483	3003	0	64	6900	6975	-706	18662	0	18662	2304	20966	50.03
10	6423	1237	432	8092	647	3011	0	111	6858	6656	-934	17583	0	17583	2661	20244	50.04
11	6407	1119	442	7968	974	2984	0	157	6709	6510	-1089	17504	0	17504	2875	20379	50.04
12	6436	884	412	7732	952	2960	0	179	7222	7230	-1141	17912	0	17912	2947	20859	50.03
13	6380	875	430	7685	812	2950	0	195	7266	7029	-1029	17642	0	17642	2853	20495	50.01
14	6405	563	412	7380	679	2960	0	174	7271	7268	-1005	17456	0	17456	2750	20206	49.99
15	6522	509	412	7443	573	2964	0	164	7292	7386	-1056	17474	0	17474	2796	20270	49.98
16	6482	779	414	7675	556	2948	0	133	7291	7441	-1099	17654	0	17654	2817	20471	50.00
17	6267	777	414	7458	486	2956	0	79	6967	7285	-1008	17256	0	17256	2789	20045	49.95
18	6240	404	438	7082	394	2982	0	27	6645	6826	-1033	16278	0	16278	2724	19002	50.05
19	6220	297	431	6948	341	2957	0	0	6798	6637	-1094	15789	0	15789	2687	18476	49.99
20	6229	377	435	7041	278	2964	0	0	6903	6461	-1310	15434	0	15434	2654	18088	50.01
21	5913	269	433	6615	308	2960	0	0	6717	6540	-1401	15022	0	15022	2558	17580	50.00
22	5951	166	450	6567	307	2958	0	0	5935	6137	-1280	14689	0	14689	2366	17055	49.98
23	6166	166	436	6768	414	3022	0	0	5453	5588	-1157	14635	0	14635	2214	16849	49.98
24	6162	145	450	6757	490	3010	0	0	5335	5517	-1075	14699	0	14699	2115	16814	50.00
MUs	148.85	13.27	10.55	172.67	12.61	73.53	0.00	1.29	152.85	151.84	-22.52	389.42	0.00	389.42	56.35	445.76	50.00

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 16/Feb/2017

Position as on 6.30 Hrs of 17/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	WPCL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	WPCL 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	Nasik Unit 4	210	31/01/2017	02.55		Continued.	WITHDRAW UNDER ZERO SCHEDULE.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 16/Feb/2017

Position as on 6.30 Hrs of 17/Feb/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Koyana Unit 9	80	14/02/2017	11.00		Continued.	Emergency Outage for Maintenance.	
MSPGCL	Koradi Unit 7	210	15/02/2017	14.18		Continued.	Zero Schedule by MSEDCL	
IPP	Adani U-1	660	16/02/2017	07.38		Continued.	Main Steam Line Drain Leakage.	
MSPGCL	Koyana Unit 8	80	16/02/2017	17.25	16/02/2017	18.36	Bus Bar Protection operated	
MSPGCL	Koyana Unit 6	75	16/02/2017	17.25	16/02/2017	18.36	Bus Bar Protection operated	
MSPGCL	Koyana Unit 5	80	16/02/2017	17.25	16/02/2017	18.35	Bus Bar Protection operated	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 16/Feb/2017

Statement-VII

Position as on 6.30 Hrs of 17/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	15/02/2017	18.04	16/02/2017	07.09	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	16/02/2017	20.23		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	15/02/2017	17.50	16/02/2017	06.13	HT	Over Voltage
karad -kolhapur-I	IntraState	15/02/2017	20.16	16/02/2017	08.51	HT	Over Voltage
Karad - Jaigad - II	IntraState	15/02/2017	20.18	16/02/2017	08.44	HT	Over Voltage
Padghe - Kalwa- I	IntraState	16/02/2017	06.08	16/02/2017	10.42	EO	Isolator Maint. Work.
Jaigad-New Koyna Ckt-I	IntraState	16/02/2017	09.09		Continued.	PO	RMW & Diagnostic Testing.
Bhusawal-Aurangabad	IntraState	16/02/2017	17.52		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 500 MVA ICT II @Lamboti	IntraState	16/02/2017	16.46	16/02/2017	18.48	PO	R Phase Oil Leakage Attend.
400/220KV 315MVA ICT-I@bhusawal(khadka)	IntraState	16/02/2017	19.37	16/02/2017	23.15	PO	Attending Oil Leakage
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
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.
Hingoli- Girawali	IntraState	16/02/2017	01.50	16/02/2017	02.59	T	Distance Protection
Nagothane - Ipcl	IntraState	16/02/2017	09.55	16/02/2017	19.40	PO	C B Testing.
Bhosari 2 - Telco	IntraState	16/02/2017	10.31	16/02/2017	19.30	PO	Routine Maintenance Work
Apta - Bombay Dyeing	IntraState	16/02/2017	11.02	16/02/2017	17.23	PO	Maintenance Work.
Pophali - New Koyna	IntraState	16/02/2017	17.25	16/02/2017	17.49	T	Bus Bar Protection Operated
Pohali-Nerle	IntraState	16/02/2017	17.25	16/02/2017	18.20	T	Bus Bar Protection Operated
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 200 Mva Bbl Ptr 4 @Phursungi	IntraState	16/02/2017	09.15	16/02/2017	18.30	PO	Diagnostic Testing.
220/33kv 100 MVA Transformer 3 @Versova R/S	IntraState	16/02/2017	10.17	16/02/2017	22.02	PO	Routine Maintenance Work
220/132kv 150MVA ICT-II @ Satana	IntraState	16/02/2017	10.22	16/02/2017	10.35	PO	For Tap Changing.
220/33 KV 100MVA T/F-II @ Chakan	IntraState	16/02/2017	13.41	16/02/2017	16.09	PO	Diagnostic Testing.
132 KV LINE Outages/Trippings							
Pusad-Jambazar	IntraState	16/02/2017	15.20	16/02/2017	15.30	T	Distance Protection

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