

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Feb/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	141.245	2347.871	1) Gujrat	0.869	18.137
2) Hydro	8.511	248.053	2) Madhya Pradesh	11.695	211.606
3) Gas	10.559	157.805	3) Chattisgarh	7.930	133.302
Total MSPGCL	160.315	2753.729	4) Maharashtra Net	131.356	2362.510
B) 1) APML	49.184	768.619	5) Goa (Amona)	-0.530	-10.280
2) JSWEL	9.114	157.861	Total	151.320	2715.275
3) VIPL	5.570	110.695	a) Mumbai Schedule	18.126	285.766
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	26.730	339.605
5) WPCL	4.289	67.292	c) MSEDCL Bilateral *	48.518	756.341
6) PGPL	0.000	7.780	Include PX	5.980	107.321
7) Other IPP	6.621	116.192	d) Mumbai Bilateral *	18.126	285.766
C) 1) TPCL Thermal	13.083	220.183	Include PX	8.340	103.571
2) TPCL Hydro	3.871	64.547	Include Standby	0.000	0.000
3) TPCL Gas	3.896	64.387	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.627	181.441	1) MSEDCL	380.744	6495.204
D) STATE			2) Mumbai Discoms	57.202	870.155
1) Thermal	238.733	3970.154	TOTAL STATE	437.946	7365.359
(A1+C1+C4+(B1-B6))					
2) Hydro	12.382	312.600			
(A2+C2)					
3) Gas	14.455	229.972			
(A3+B6+C3)					
4) Wind	19.663	116.018			
6) SOLAR	1.398	21.348			
TOTAL STATE	286.631	4650.092			

* 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 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6644	5809	5573	5778
MSPGCL Hydro	666	402	580	140
MSPGCL Gas	449	406	441	457
MSPGCL Total Generation	7759	6617	6594	6375
Central Sector Receipt	7183	6985	6387	5215
WIND	785	1346	484	602
CPP / IPP Thermal	3032	3266	3289	2950
CPP / IPP Gas	0	0	0	0
SOLAR	81	205	0	0
Exchange with Mumbai	-629	-1439	-1405	-650
MSEDCL DEMAND MET	18211	16980	15349	14492
Load Shedding	0	0	0	0
MSEDCL DEMAND	18211	16980	15349	14492
TPCL GENERATION	1181	1083	950	641
R-INFRA GENERATION	505	387	386	388
MUMBAI DEMAND	2315	2909	2741	1679
STATE DEMAND MET	20526	19889	18090	16171
STATE DEMAND	20526	19889	18090	16171
Frequency (Hz)	50.02	50.06	50.01	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.33 Hz at 18:02 Hrs	49.85 Hz at 17:11 Hrs	50.01	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 17/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	13.13	226.06	660	340
Unit 9	9.10	103.73	402	279
Unit 10	0.00	66.63	0	0
Total	22.23	441.99		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.97	9.98	170	165
Unit 4	9.60	185.60	510	360
Unit 5	9.62	146.30	510	370
Total	23.19	341.88		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.27	86.70	250	196
Unit 7	5.26	93.28	252	194
Unit 8	0.00	0.00	0	0
Total	10.53	179.98		
Chandrapur				
Unit 3	4.37	77.71	199	166
Unit 4	4.36	77.96	195	171
Unit 5	9.55	175.28	465	355
Unit 6	9.59	71.16	450	356
Unit 7	0.00	0.00	0	0
Unit 8	8.18	153.97	372	304
Unit 9	10.20	179.76	495	350
Total	46.24	735.84		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.87	93.67	258	201
Total	5.87	93.67		
Khaparkheda				
Unit 1	3.82	70.22	190	140
Unit 2	3.86	71.09	185	145
Unit 3	3.87	60.69	200	145
Unit 4	3.73	61.40	164	145
Unit 5	9.78	144.30	500	380
Total	25.05	407.70		
Nasik				
Unit 3	4.06	73.12	200	160
Unit 4	0.00	0.00	0	0
Unit 5	4.06	73.69	204	160
Total	8.12	146.81		
Uran				
All Units	10.56	157.80	473	401
Total	10.56	157.80		
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)	0.27	6.31	47	0
Total	0.27	6.31		
Koyna				
Stage 1-2	2.84	61.18	365	40
Stage 4	0.19	65.92	189	0
Stage 3	0.35	27.19	80	0
Total	3.38	154.29		
Hydro				
KDPH	0.88	13.29	37	36
VTRNA	0.58	13.13	60	0
TILLARI	0.42	7.97	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	3.72	40	0
RNGR+BHTSA	0.34	5.19	14	13
BHANDARDRA	0.52	5.76	40	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.82	12.73	44	31
GHATGHAR	1.35	31.97	250	0
Total	5.14	93.76		
Wind				
Total	19.66	116.02	0	0
Total	19.66	116.02		
CPP				
APML(Mus)	49.18	768.62	0	0
JSWEL(Mus)	9.11	157.86	0	0
VIPL(Mus)	5.57	110.70	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.29	67.29	0	0
Other(Mus)	6.62	116.19	0	0
Total	74.78	1220.66		
SOLAR				
Total	1.40	21.35	0	0
Total	1.40	21.35		
Tata				
Trombay 5	8.14	130.35	479	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.39	39.79	115	66
Trombay 7B	1.50	24.59	68	52
Trombay 8	4.94	89.84	248	164
TATA Hydro	3.87	64.55	389	22
Total	20.85	349.12		
R-INFRA				
1-2	9.63	181.44	511	384
Total	9.63	181.44		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	141.24	2347.87	MSPGCL Total	160.32	2753.73
			MSPGCL Thml+Gas	151.80	2505.68	Koyna 1,2 & 4 Total	3.02	127.10
			MSPGCL Hydro	8.51	248.05	State Total	286.63	4650.09

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/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	5819	144	455	6418	506	2994	0	0	5789	5674	-921	14671	0	14671	1945	16616	50.01
2	5648	175	456	6279	552	2960	0	0	5472	5765	-741	14815	0	14815	1769	16584	50.03
3	5778	140	457	6375	602	2950	0	0	5379	5215	-650	14492	0	14492	1679	16171	50.03
4	5828	162	457	6447	664	2954	0	0	5366	5232	-595	14702	0	14702	1623	16325	50.01
5	5975	170	457	6602	668	2964	0	0	5623	5353	-609	14978	0	14978	1636	16614	50.01
6	6268	196	470	6934	704	2990	0	0	5727	5851	-710	15769	0	15769	1740	17509	50.01
7	6455	469	460	7384	776	3046	0	0	6237	6203	-611	16798	0	16798	1916	18714	50.02
8	6537	781	473	7791	773	3031	0	12	6813	6636	-586	17657	0	17657	2135	19792	49.99
9	6644	666	449	7759	785	3032	0	81	7090	7183	-629	18211	0	18211	2315	20526	50.02
10	6389	474	453	7316	942	3049	0	106	7024	7087	-1240	17260	0	17260	2696	19956	50.04
11	6067	526	421	7014	1367	3033	0	161	7121	6534	-1356	16753	0	16753	2871	19624	50.03
12	5852	584	421	6857	1524	3157	0	192	7280	7065	-1473	17322	0	17322	2939	20261	50.03
13	5809	402	406	6617	1346	3266	0	205	7333	6985	-1439	16980	0	16980	2909	19889	50.06
14	5851	229	401	6481	1200	3319	0	194	7114	6970	-1417	16747	0	16747	2786	19533	50.10
15	5847	146	405	6398	1195	3283	0	173	7014	7055	-1504	16601	0	16601	2845	19446	49.99
16	5822	196	415	6433	1072	3250	0	145	7251	7107	-1520	16487	0	16487	2863	19350	50.01
17	5761	231	437	6429	857	3234	0	94	7038	7026	-1450	16190	0	16190	2853	19043	50.00
18	5705	371	429	6505	692	3177	0	35	6385	6647	-1407	15649	0	15649	2802	18451	50.00
19	5581	404	433	6418	518	3211	0	0	6313	6264	-1332	15079	0	15079	2745	17824	49.96
20	5573	580	441	6594	484	3289	0	0	6364	6387	-1405	15349	0	15349	2741	18090	50.01
21	5525	346	441	6312	524	3289	0	0	6378	6185	-1419	14891	0	14891	2560	17451	50.01
22	5456	227	442	6125	664	3139	0	0	5883	5636	-1340	14224	0	14224	2426	16650	49.99
23	5491	504	445	6440	644	3001	0	0	5355	5616	-1201	14500	0	14500	2253	16753	49.98
24	5564	388	435	6387	604	3159	0	0	5483	5644	-1175	14619	0	14619	2160	16779	50.00
MUs	141.25	8.51	10.56	160.32	19.66	74.78	0.00	1.40	152.83	151.32	-26.73	380.74	0.00	380.74	57.21	437.95	50.01

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 17/Feb/2017

Position as on 6.30 Hrs of 18/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.	
MSPGCL	Koyana STG-IV Unit-4	250	17/02/2017	09.00	17/02/2017	21.00	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	SWPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPL 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 Shedule 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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 17/Feb/2017

Position as on 6.30 Hrs of 18/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	17/02/2017	10.29	COAL PROBLEM.	
MSPGCL	Koradi Unit 10	660	07/02/2017	00.10		Continued.	Work Of PG Test.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Feb/2017

Statement-VII

Position as on 6.30 Hrs of 18/Feb/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400kV 1500MVA ICT-I@Koradi-III	IntraState	17/02/2017	08.39		Continued.	PO	Routine Maintenance Work
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	16/02/2017	20.23	17/02/2017	07.10	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	17/02/2017	17.55		Continued.	HT	Over Voltage
Jaigad-New Koyna Ckt-I	IntraState	16/02/2017	09.09	17/02/2017	08.23	PO	RMW & Diagnostic Testing.
karad -kolhapur-I	IntraState	16/02/2017	16.49		Continued.	HT	Over Voltage (RFC at 15:10hrs)
Bhusawal-Aurangabad	IntraState	16/02/2017	17.52		Continued.	HT	Over Voltage
Main Bus-II @ Akola	IntraState	17/02/2017	07.16		Continued.	PO	For Canneting 400kv side Jumper of New ICT-II.
Padghe - Kalwa-II	IntraState	17/02/2017	09.50		Continued.	PO	Taken on TBC
Parly(MS)- Nanded	IntraState	17/02/2017	09.51	17/02/2017	18.31	PO	Routine Maintenance Work
N.Koyna-Karad -Ckt I	IntraState	17/02/2017	11.05		Continued.	PO	Taken on TBC
Jaigad-Karad Ckt-II	IntraState	17/02/2017	16.41		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	17/02/2017	17.50	17/02/2017	07.12	HT	Over Voltage
Koradi-India Bulls	IntraState	17/02/2017	19.59	17/02/2017	21.19	T	Distance Protection
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.
Satana-Gangapur	IntraState	17/02/2017	09.15	17/02/2017	11.20	PO	Routine Maintenance Work
Temghar - Kalwa	IntraState	17/02/2017	09.55	17/02/2017	12.01	PO	Taken on TBC
Vsnl-512 Khadki	IntraState	17/02/2017	10.22	17/02/2017	16.17	PO	Testing Work
Dasturi-Kandalgaon Line	IntraState	17/02/2017	10.40	17/02/2017	20.17	PO	overhauling of CB.
New Koyna - Niwali	IntraState	17/02/2017	10.58		Continued.	PO	Taken on TBC
Apta - Kalwa	IntraState	17/02/2017	11.15	17/02/2017	12.11	T	Distance Protection
Nerul - Sonkhar	IntraState	17/02/2017	13.10	17/02/2017	19.40	PO	Attending Hot Spot
Vilebagad-PGPL	IntraState	17/02/2017	13.20	17/02/2017	16.05	T	SCADA 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)
220/33 KV T/F III @ Kolshet	IntraState	17/02/2017	08.30	17/02/2017	18.52	PO	Attending Oil Leakage
220/132 Kv 200 Mva Cgl Ict 1 @Boisar-Ii	IntraState	17/02/2017	10.13	17/02/2017	17.42	PO	Diagnostic testing.
220/22 Kv 50 Mva Imp Ptr 1 @Airoli Knowledge Park	IntraState	17/02/2017	11.15	17/02/2017	17.00	PO	Diagnostic testing.

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