

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Feb/2017 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.292	1213.862	1) Gujrat	0.795	11.382
2) Hydro	20.479	153.638	2) Madhya Pradesh	13.001	118.611
3) Gas	10.816	73.388	3) Chattisgarh	8.050	71.752
Total MSPGCL	164.587	1440.888	4) Maharashtra Net	143.559	1266.455
B) 1) APML	45.586	411.317	5) Goa (Amona)	-0.642	-5.420
2) JSWEL	9.821	81.201	Total	164.763	1462.780
3) VIPL	7.201	60.296	a) Mumbai Schedule	14.605	151.153
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	17.020	183.085
5) WPCL	2.683	35.139	c) MSEDCL Bilateral *	45.671	384.122
6) PGPL	0.000	7.780	Include PX	9.016	70.764
7) Other IPP	7.048	62.250	d) Mumbai Bilateral *	14.605	151.153
C) 1) TPCL Thermal	15.345	103.771	Include PX	3.479	53.133
2) TPCL Hydro	3.700	37.926	Include Standby	0.000	0.000
3) TPCL Gas	3.918	32.877	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.100	97.988	1) MSEDCL	389.022	3425.011
D) STATE			2) Mumbai Discoms	51.084	455.648
1) Thermal	232.076	2065.824	TOTAL STATE	440.106	3880.659
(A1+C1+C4+(B1-B6))					
2) Hydro	24.179	191.564			
(A2+C2)					
3) Gas	14.734	114.045			
(A3+B6+C3)					
4) Wind	3.145	35.034			
6) SOLAR	1.208	11.411			
TOTAL STATE	275.342	2417.878			

* 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 3 Hrs
MSPGCL Thermal	5733	5775	5557	5344
MSPGCL Hydro	1904	1912	846	133
MSPGCL Gas	451	422	448	467
MSPGCL Total Generation	8088	8109	6851	5944
Central Sector Receipt	7646	7696	6979	5784
WIND	50	20	123	149
CPP / IPP Thermal	2993	3003	3042	2978
CPP / IPP Gas	0	0	0	0
SOLAR	173	185	0	0
Exchange with Mumbai	-818	-781	-918	-409
MSEDCL DEMAND MET	18132	18232	16077	14446
Load Shedding	0	0	0	0
MSEDCL DEMAND	18132	18232	16077	14446
TPCL GENERATION	1314	1315	1062	632
R-INFRA GENERATION	507	508	511	388
MUMBAI DEMAND	2639	2604	2491	1429
STATE DEMAND MET	20771	20836	18568	15875
STATE DEMAND	20771	20836	18568	15875
Frequency (Hz)	49.99	49.97	49.96	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18.00 Hrs	49.82 Hz at 12.08 Hrs	49.99	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 09/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	3.92	24.83	172	150
Unit 8	13.94	118.76	602	550
Unit 9	9.10	30.23	387	351
Unit 10	0.00	66.63	0	0
Total	26.96	240.44		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	11.76	100.48	515	370
Unit 5	0.00	69.14	0	0
Total	11.76	169.62		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.19	47.04	249	185
Unit 7	5.82	49.70	252	223
Unit 8	0.00	0.00	0	0
Total	11.01	96.74		
Chandrapur				
Unit 3	4.70	41.58	199	191
Unit 4	4.72	41.65	201	194
Unit 5	10.87	93.82	460	445
Unit 6	0.00	24.25	0	0
Unit 7	0.00	0.00	0	0
Unit 8	10.92	73.48	481	400
Unit 9	11.08	96.32	490	442
Total	42.29	371.09		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.91	49.36	255	203
Total	5.91	49.36		
Khaparkheda				
Unit 1	4.20	38.06	185	160
Unit 2	4.37	38.43	200	160
Unit 3	4.53	33.90	202	160
Unit 4	2.47	35.84	190	0
Unit 5	10.91	61.83	500	370
Total	26.48	208.07		
Nasik				
Unit 3	4.44	39.01	200	165
Unit 4	0.00	0.00	0	0
Unit 5	4.44	39.53	205	165
Total	8.88	78.54		
Uran				
All Units	10.82	73.39	468	422
Total	10.82	73.39		
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)	0.49	3.92	48	0
Total	0.49	3.92		
Koyna				
Stage 1-2	4.24	36.43	535	40
Stage 4	8.07	46.77	830	0
Stage 3	2.54	17.97	240	0
Total	14.86	101.16		
Hydro				
KDPH	0.68	6.61	37	18
VTRNA	0.47	9.34	59	0
TILLARI	0.47	4.28	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	2.31	40	0
RNGR+BHTSA	0.36	2.46	15	15
BHANDARDRA	0.51	1.28	34	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.80	5.94	41	30
GHATGHAR	2.14	20.26	250	0
Total	5.62	52.47		
Wind				
Total	3.14	35.03	0	0
Total	3.14	35.03		
CPP				
APML(Mus)	45.59	411.32	0	0
JSWEL(Mus)	9.82	81.20	0	0
VIPL(Mus)	7.20	60.30	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.68	35.14	0	0
Other(Mus)	7.05	62.25	0	0
Total	72.34	650.20		
SOLAR				
Total	1.21	11.41	0	0
Total	1.21	11.41		
Tata				
Trombay 5	9.91	55.75	487	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.42	20.14	120	64
Trombay 7B	1.50	12.74	69	50
Trombay 8	5.43	48.02	248	201
TATA Hydro	3.70	37.93	414	0
Total	22.96	174.57		
R-INFRA				
1-2	11.10	97.99	511	386
Total	11.10	97.99		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	133.29	1213.86	MSPGCL Total	164.59	1440.89
			MSPGCL Thml+Gas	144.11	1287.25	Koyna 1,2 & 4 Total	12.32	83.20
			MSPGCL Hydro	20.48	153.64	State Total	275.34	2417.88

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/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	5638	137	463	6238	172	2965	0	0	5869	5908	-613	14670	0	14670	1632	16302	49.99
2	5401	147	465	6013	125	2977	0	0	5863	6069	-483	14701	0	14701	1501	16202	49.99
3	5344	133	467	5944	149	2978	0	0	5840	5784	-409	14446	0	14446	1429	15875	49.98
4	5204	123	467	5794	207	2989	0	0	5838	5953	-374	14569	0	14569	1392	15961	49.98
5	5348	118	467	5933	200	3020	0	0	5835	6064	-392	14825	0	14825	1409	16234	50.02
6	5694	536	466	6696	250	3041	0	0	5882	5956	-324	15619	0	15619	1534	17153	49.99
7	5745	791	465	7001	266	3033	0	0	6856	6871	-363	16808	0	16808	1772	18580	49.98
8	5788	1783	468	8039	266	3020	0	12	7079	6999	-364	17972	0	17972	1929	19901	50.01
9	5797	1869	456	8122	200	3012	0	57	7222	7508	-536	18363	0	18363	2194	20557	49.98
10	5775	1519	464	7758	99	3025	0	105	7357	7400	-783	17604	0	17604	2535	20139	50.01
11	5763	1495	442	7700	81	2998	0	151	7475	7469	-848	17551	0	17551	2623	20174	50.03
12	5733	1904	451	8088	50	2993	0	173	7841	7646	-818	18132	0	18132	2639	20771	49.99
13	5775	1912	422	8109	20	3003	0	185	7799	7696	-781	18232	0	18232	2604	20836	49.97
14	5747	1370	430	7547	34	3016	0	169	7985	8039	-793	18012	0	18012	2467	20479	49.98
15	5566	1136	426	7128	40	3000	0	147	8219	8253	-816	17752	0	17752	2499	20251	49.98
16	5556	1274	433	7263	63	3015	0	115	7958	7939	-771	17624	0	17624	2525	20149	49.97
17	5536	923	439	6898	69	3027	0	72	7750	7704	-821	16949	0	16949	2516	19465	49.96
18	5537	837	435	6809	86	3014	0	22	6968	7059	-839	16151	0	16151	2480	18631	49.99
19	5557	846	448	6851	123	3042	0	0	6686	6979	-918	16077	0	16077	2491	18568	49.96
20	5601	750	452	6803	147	3041	0	0	6609	6706	-935	15762	0	15762	2504	18266	50.00
21	5369	287	440	6096	113	3037	0	0	6793	6627	-1187	14686	0	14686	2391	17077	50.02
22	5189	235	448	5872	111	3043	0	0	6335	6345	-1089	14282	0	14282	2174	16456	50.01
23	5241	198	460	5899	129	3031	0	0	5840	5928	-987	14000	0	14000	2045	16045	49.99
24	5388	156	442	5986	145	3023	0	0	5657	5860	-776	14238	0	14238	1798	16036	50.02
MUs	133.29	20.48	10.82	164.59	3.15	72.34	0.00	1.21	163.56	164.76	-17.02	389.02	0.00	389.02	51.08	440.10	49.99

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 09/Feb/2017

Position as on 6.30 Hrs of 10/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 09/Feb/2017

Position as on 6.30 Hrs of 10/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	Khaparkheda Unit 4	210	09/02/2017	13.52		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Feb/2017

Statement-VII

Position as on 6.30 Hrs of 10/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 I	InterState	08/02/2017	20.19	09/02/2017	07.48	HT	Over Voltage
Padgha Tarapur II	InterState	09/02/2017	10.35		Continued.	PO	Overhauling of CB(Shifted on TBC @ Padgha End)
Kolhapur Solapur(PG) I	InterState	09/02/2017	17.03	09/02/2017	18.56	HT	Attending Hot Spot
Dhule Sar'Sarovar II	InterState	09/02/2017	19.40		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	08/02/2017	16.36	09/02/2017	08.57	HT	Over Voltage
Karad-Jaigad - I	IntraState	08/02/2017	16.37	09/02/2017	09.10	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	08/02/2017	19.23	09/02/2017	06.06	HT	Over Voltage
Padghe - Kalwa- I	IntraState	09/02/2017	06.40		Continued.	PO	Old Rusted Conductor Replacement Work.
Bhusawal-Aurangabad	IntraState	09/02/2017	19.33		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	09/02/2017	20.27		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220KV 500MVA ICT-I @Nanded	IntraState	09/02/2017	16.12	09/02/2017	17.50	PO	Attend Y Ph Bushing Hotspot.
400/220/33 Kv 500 MVA ICT-III @Girwali	IntraState	09/02/2017	18.29	10/02/2017	04.10	PO	Cold Welding Work,Bay Maint. & Testing Work.
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.
Chinchwad- Parvati	IntraState	08/02/2017	11.55		Continued.	PO	Construction Work
Pophali - Pedambe II	IntraState	09/02/2017	06.25	09/02/2017	19.20	PO	R Phase CT Replacement Work.
Telco- Chinchwad	IntraState	09/02/2017	07.48	09/02/2017	14.16	PO	Conductor Stringing Work.
Bhugaon-WardhaPG (Deoli)	IntraState	09/02/2017	09.33	09/02/2017	18.30	PO	Insulator Replacement Work
Valve-Jamde	IntraState	09/02/2017	11.10	09/02/2017	12.46	PO	Relay Testing Work.
Pohali-Nerle	IntraState	09/02/2017	11.59		Continued.	T	Distance Protection
Karad(400kv) - Ogalewadi Ckt 2	IntraState	09/02/2017	12.41	09/02/2017	13.35	T	Distance Protection
karad - Dasgaon	IntraState	09/02/2017	12.41	09/02/2017	15.14	T	Distance Protection
Ranjangaon-Lonikand	IntraState	09/02/2017	15.13	09/02/2017	18.35	PO	Testing Work
Jejuri (400 Kv)-Jejuri- I	IntraState	09/02/2017	19.31	09/02/2017	22.24	PO	C T Tan Delta Measurement.
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 Ict 1 @Virur	IntraState	26/06/2016	19.25		Continued.	HT	Abnormal Sound Observed.
220/100 Kv 50 Mva Gec Ict 1 @Kandalgaon	IntraState	15/12/2016	12.15		Continued.	PO	Augumentation Work(Outage for 3 Months).
220/100 Kv 200 Mva Aval Ict 2 @Taloja	IntraState	09/02/2017	09.53	09/02/2017	Continued.	PO	Testing Work
220/132 KV 100 MVA ICT - II @ Ghatodi	IntraState	09/02/2017	10.07	09/02/2017	15.11	PO	Quarterly Maintainance Work
220/132 Kv 200 Mva Emco Ict 2 @Ambazari	IntraState	09/02/2017	10.19	09/02/2017	13.00	PO	Attending Hot Spot on Bus-2 Isolator.
220/132 Kv 100 Mva Ict 1 @Bhokardan	IntraState	09/02/2017	11.30	09/02/2017	17.02	PO	Conservator Tank to Breaker Pipe Valve Crack.

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