

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Feb/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.716	948.181	1) Gujrat	0.322	9.750
2) Hydro	20.241	109.575	2) Madhya Pradesh	11.439	94.315
3) Gas	7.568	51.837	3) Chattisgarh	7.880	55.672
Total MSPGCL	161.525	1109.593	4) Maharashtra Net	139.104	983.810
B) 1) APML	45.379	319.471	5) Goa (Amona)	-0.654	-4.076
2) JSWEL	9.361	61.486	Total	158.091	1139.471
3) VIPL	6.677	45.889	a) Mumbai Schedule	16.266	122.745
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	15.534	149.677
5) WPCL	4.512	29.148	c) MSEDCL Bilateral *	42.796	294.723
6) PGPL	2.627	7.780	Include PX	6.664	55.207
7) Other IPP	7.201	48.145	d) Mumbai Bilateral *	16.266	122.745
C) 1) TPCL Thermal	15.368	72.676	Include PX	5.560	47.085
2) TPCL Hydro	3.311	30.374	Include Standby	0.000	0.000
3) TPCL Gas	4.424	25.318	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.967	75.599	1) MSEDCL	384.488	2648.295
D) STATE			2) Mumbai Discoms	49.604	353.644
1) Thermal	233.181	1600.595	TOTAL STATE	434.092	3001.939
(A1+C1+C4+(B1-B6))					
2) Hydro	23.552	139.949			
(A2+C2)					
3) Gas	14.619	84.935			
(A3+B6+C3)					
4) Wind	3.335	28.044			
6) SOLAR	1.314	8.945			
TOTAL STATE	276.001	1862.468			

* 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 15 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6213	5510	5468	5300
MSPGCL Hydro	1539	1573	778	174
MSPGCL Gas	322	304	298	326
MSPGCL Total Generation	8074	7387	6544	5800
Central Sector Receipt	7265	7497	6857	5342
WIND	182	26	143	273
CPP / IPP Thermal	3129	3089	3109	2849
CPP / IPP Gas	231	232	0	0
SOLAR	61	165	0	0
Exchange with Mumbai	-413	-729	-964	-278
MSEDCL DEMAND MET	18529	17667	15689	13986
Load Shedding	0	0	0	0
MSEDCL DEMAND	18529	17667	15689	13986
TPCL GENERATION	1163	1212	1058	697
R-INFRA GENERATION	510	509	418	387
MUMBAI DEMAND	2086	2450	2440	1362
STATE DEMAND MET	20615	20117	18129	15348
STATE DEMAND	20615	20117	18129	15348
Frequency (Hz)	49.96	49.92	49.92	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 04.58 Hrs	49.78 Hz at 09.12 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 07/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	3.85	17.02	165	150
Unit 8	13.17	91.21	632	480
Unit 9	8.54	12.39	393	340
Unit 10	0.07	66.63	68	0
Total	25.64	187.24		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	11.46	76.51	515	365
Unit 5	4.94	69.14	490	0
Total	16.40	145.65		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.72	36.16	250	0
Unit 7	5.63	38.13	252	191
Unit 8	0.00	0.00	0	0
Total	10.35	74.28		
Chandrapur				
Unit 3	4.56	32.19	196	166
Unit 4	4.60	32.24	196	175
Unit 5	10.51	72.12	455	365
Unit 6	0.00	24.25	0	0
Unit 7	0.00	0.00	0	0
Unit 8	8.85	52.48	460	330
Unit 9	10.10	74.59	466	355
Total	38.62	287.88		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.65	38.29	250	200
Total	5.65	38.29		
Khaparkheda				
Unit 1	4.26	29.55	195	155
Unit 2	4.40	29.64	200	160
Unit 3	4.49	24.75	205	160
Unit 4	4.31	29.07	192	160
Unit 5	10.72	40.63	500	375
Total	28.17	153.65		
Nasik				
Unit 3	4.42	30.58	205	162
Unit 4	0.00	0.00	0	0
Unit 5	4.46	30.61	202	165
Total	8.88	61.19		
Uran				
All Units	7.57	51.84	334	292
Total	7.57	51.84		
PGPL				
Unit 1	1.62	4.70	144	0
Unit 2	1.01	3.08	90	0
Total	2.63	7.78		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.62	3.08	52	0
Total	0.62	3.08		
Koyna				
Stage 1-2	6.06	27.08	525	40
Stage 4	5.85	28.97	562	0
Stage 3	2.66	12.06	240	0
Total	14.57	68.11		
Hydro				
KDPH	0.44	5.48	19	18
VTRNA	0.90	8.36	60	0
TILLARI	0.43	3.34	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	1.95	40	0
RNGR+BHTSA	0.36	1.74	15	14
BHANDARDRA	0.26	0.26	11	10
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.77	4.46	41	29
GHATGHAR	2.32	15.88	250	0
Total	5.67	41.46		
Wind				
Total	3.34	28.04	0	0
Total	3.34	28.04		
CPP				
APML(Mus)	45.38	319.47	0	0
JSWEL(Mus)	9.36	61.49	0	0
VIPL(Mus)	6.68	45.89	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.51	29.15	0	0
Other(Mus)	7.20	48.14	0	0
Total	73.13	504.14		
SOLAR				
Total	1.31	8.94	0	0
Total	1.31	8.94		
Tata				
Trombay 5	10.13	35.53	496	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.82	15.50	120	115
Trombay 7B	1.61	9.82	68	65
Trombay 8	5.23	37.14	249	198
TATA Hydro	3.31	30.37	360	15
Total	23.10	128.37		
R-INFRA				
1-2	10.97	75.60	510	386
Total	10.97	75.60		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	133.72	948.18	MSPGCL Total	161.52	1109.59
			MSPGCL Thml+Gas	141.28	1000.02	Koyna 1,2 & 4 Total	11.91	56.06
			MSPGCL Hydro	20.24	109.58	State Total	276.00	1862.47

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/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	5439	407	326	6172	118	2851	0	0	5417	5751	-469	14423	0	14423	1551	15974	49.97
2	5416	173	317	5906	197	2854	0	0	5415	5591	-324	14224	0	14224	1405	15629	49.97
3	5300	174	326	5800	273	2849	0	0	5456	5342	-278	13986	0	13986	1362	15348	49.97
4	5110	179	317	5606	264	2853	0	0	5550	5896	-243	14376	0	14376	1322	15698	49.98
5	5117	179	326	5622	236	2871	42	0	5556	5702	-261	14212	0	14212	1344	15556	49.99
6	5755	538	327	6620	239	2936	85	0	5587	5740	-270	15350	0	15350	1497	16847	49.99
7	6199	823	327	7349	228	3115	119	0	6201	5980	-257	16534	0	16534	1694	18228	49.94
8	6281	1278	330	7889	225	3142	230	10	6686	6526	-383	17639	0	17639	1922	19561	49.95
9	6213	1539	322	8074	182	3129	231	61	6806	7265	-413	18529	0	18529	2086	20615	49.96
10	6198	1344	309	7851	164	3095	231	118	6714	6634	-660	17434	0	17434	2405	19839	49.96
11	6060	1314	334	7708	149	3099	230	164	6716	6568	-753	17165	0	17165	2534	19699	50.01
12	6015	1442	318	7775	171	3096	231	181	7321	7365	-789	18030	0	18030	2568	20598	49.98
13	5662	1359	301	7322	79	3088	231	189	7515	7453	-812	17550	0	17550	2540	20090	49.98
14	5546	1214	304	7064	49	3095	231	186	7450	7716	-744	17597	0	17597	2436	20033	49.98
15	5510	1573	304	7387	26	3089	232	165	7393	7497	-729	17667	0	17667	2450	20117	49.92
16	5521	1569	292	7382	33	3100	232	133	7409	7401	-777	17503	0	17503	2444	19947	49.93
17	5489	1251	310	7050	53	3109	225	81	7067	7292	-768	17042	0	17042	2452	19494	49.93
18	5523	1184	300	7007	73	3093	76	26	6777	7001	-872	16403	0	16403	2438	18841	49.96
19	5468	778	298	6544	143	3109	0	0	6881	6857	-964	15689	0	15689	2440	18129	49.92
20	5261	736	312	6309	133	3108	0	0	6862	7132	-1141	15541	0	15541	2454	17995	50.00
21	4997	380	305	5682	119	3116	0	0	6846	7033	-1156	14794	0	14794	2333	17127	49.97
22	4997	121	318	5436	76	3128	0	0	6418	6643	-1076	14207	0	14207	2162	16369	49.96
23	5200	493	317	6010	54	3091	0	0	5981	5952	-896	14211	0	14211	1991	16202	49.96
24	5439	193	328	5960	51	3118	0	0	5911	5754	-499	14384	0	14384	1774	16158	49.99
MUs	133.72	20.24	7.57	161.52	3.34	73.13	2.63	1.31	155.93	158.09	-15.53	384.49	0.00	384.49	49.60	434.09	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 07/Feb/2017

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

Position as on 6.30 Hrs of 08/Feb/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 5	108	26/01/2017	09.35	07/02/2017	10.07	Gas shortage	
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.	
PGPL	PGPL U1	262	06/02/2017	17.45	07/02/2017	03.59	No Schedule	
PGPL	PGPL U2	126	06/02/2017	17.48	07/02/2017	04.48	No Schedule	
MSPGCL	Koradi Unit 10	660	07/02/2017	00.10		Continued.	Work Of PG Test.	
MSPGCL	Uran Unit 5	108	07/02/2017	11.38	07/02/2017	23.38	Boiler feed sation shut off valve leakage	
MSPGCL	Bhusawal Unit 5	500	07/02/2017	12.12		Continued.	Bottom ash gate problem	
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	Parli Unit 6	250	07/02/2017	19.50	07/02/2017	22.55	Flame Failure	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 07/Feb/2017

Statement-VII

Position as on 6.30 Hrs of 08/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	06/02/2017	19.13	07/02/2017	06.03	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	07/02/2017	18.18		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	06/02/2017	17.30	07/02/2017	08.52	HT	Over Voltage
Karad-Jaigad - I	IntraState	06/02/2017	17.40	07/02/2017	08.50	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	06/02/2017	19.57	07/02/2017	06.07	HT	Over Voltage
Bus Coupler @ New Koyna	IntraState	07/02/2017	10.31	07/02/2017	16.58	PO	Testing Work
Solapur - Parli(PG) I	IntraState	07/02/2017	17.15	07/02/2017	18.02	PO	Take a line reactor but Tripped line charge with out reactor
Karad - Jaigad - II	IntraState	07/02/2017	18.06		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	07/02/2017	18.33		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	07/02/2017	22.04		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
Mudshingi - Chikodi	InterState	03/02/2017	05.17	07/02/2017	20.00	T	Distance protection(Line charged from Mudshingi end only at 22.10Hrs Dt. 04-02-2017, Breaker problem at Chikodi end)
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.
Kadegaon-Miraj	IntraState	07/02/2017	09.06	07/02/2017	18.38	PO	Faulty String Replacement work
Apta - Hoc	IntraState	07/02/2017	10.26	07/02/2017	17.30	PO	Testing Work
Vita - Ghatnandre	IntraState	07/02/2017	11.00	07/02/2017	13.09	PO	Annual Maintenance Work
220KV Borivali (M) - Borivali (T) ckt I	IntraState	07/02/2017	12.48	07/02/2017	18.43	PO	Testing Work
Karad - Vita Ckt- I	IntraState	07/02/2017	16.26	07/02/2017	18.27	PO	Testing 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)
220/132 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).

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