

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	141.165	281.052	1) Gujrat	-0.013	1.565
2) Hydro	16.163	34.104	2) Madhya Pradesh	12.402	22.090
3) Gas	10.470	20.922	3) Chattisgarh	7.990	15.330
Total MSPGCL	167.798	336.078	4) Maharashtra Net	135.725	270.771
B) 1) APLM	74.961	148.713	5) Goa (Amona)	-0.662	-1.324
2) JSWEL	8.415	18.607	Total	155.442	308.432
3) VIPL	7.044	14.188	a) Mumbai Schedule	22.144	43.577
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	23.703	47.738
5) WPCL	2.739	6.809	c) MSEDCL Bilateral *	34.989	73.073
6) PGPL	0.000	0.000	Include PX	8.400	16.898
7) Other IPP	6.313	12.676	d) Mumbai Bilateral *	22.144	43.577
C) 1) TPCL Thermal	15.588	31.430	Include PX	9.638	18.570
2) TPCL Hydro	4.696	9.768	Include Standby	0.000	0.000
3) TPCL Gas	4.440	7.954	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.622	21.568	1) MSEDCL	405.782	810.789
D) STATE			2) Mumbai Discoms	59.049	118.463
1) Thermal	266.847	535.043	TOTAL STATE	464.831	929.252
(A1+C1+C4+(B1-B6))					
2) Hydro	20.859	43.872			
(A2+C2)					
3) Gas	14.910	28.876			
(A3+B6+C3)					
4) Wind	5.472	10.378			
6) SOLAR	1.301	2.646			
TOTAL STATE	309.389	620.815			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6053	6120	5996	5677
MSPGCL Hydro	1232	1178	348	127
MSPGCL Gas	424	426	445	451
MSPGCL Total Generation	7709	7724	6789	6255
Central Sector Receipt	7557	7541	6315	5369
WIND	152	70	338	197
CPP / IPP Thermal	4091	4071	4103	4221
CPP / IPP Gas	0	0	0	0
SOLAR	189	182	0	0
Exchange with Mumbai	-1119	-1096	-1149	-657
MSEDCL DEMAND MET	18579	18492	16396	15385
Load Shedding	0	0	0	0
MSEDCL DEMAND	18579	18492	16396	15385
TPCL GENERATION	1385	1387	1226	708
R-INFRA GENERATION	490	499	386	387
MUMBAI DEMAND	2994	2982	2761	1752
STATE DEMAND MET	21573	21474	19157	17137
STATE DEMAND	21573	21474	19157	17137
Frequency (Hz)	49.95	49.95	50.00	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 22.00 Hrs	49.78 Hz at 06.13 Hrs	49.96	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/Mar/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	13.71	27.97	611	500
Unit 9	9.44	19.06	409	373
Unit 10	0.00	0.00	0	0
Total	23.16	47.03		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.96	7.92	170	160
Unit 4	11.41	23.23	510	370
Unit 5	11.42	23.20	510	375
Total	26.79	54.36		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.67	11.33	250	201
Unit 7	5.22	10.40	252	158
Unit 8	0.00	0.00	0	0
Total	10.89	21.72		
Chandrapur				
Unit 3	4.64	9.36	197	188
Unit 4	4.72	9.37	200	193
Unit 5	10.63	21.21	450	430
Unit 6	10.38	20.59	450	408
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Unit 9	10.35	17.82	470	373
Total	40.72	78.35		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.98	12.05	260	209
Total	5.98	12.05		
Khaparkheda				
Unit 1	2.06	6.32	165	0
Unit 2	2.08	2.08	180	0
Unit 3	4.62	9.22	201	160
Unit 4	4.39	8.70	191	160
Unit 5	11.80	23.79	520	389
Total	24.95	50.11		
Nasik				
Unit 3	4.32	8.64	200	165
Unit 4	4.36	8.78	203	162
Unit 5	0.00	0.00	0	0
Total	8.68	17.43		
Uran				
All Units	10.47	20.92	456	407
Total	10.47	20.92		
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)	0.16	0.27	40	0
Total	0.16	0.27		
Koyna				
Stage 1-2	3.53	8.38	475	35
Stage 4	5.38	10.89	750	0
Stage 3	1.64	3.85	160	0
Total	10.55	23.12		
Hydro				
KDPH	0.86	1.73	36	36
VTRNA	0.51	0.98	60	0
TILLARI	0.43	0.86	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	0.48	70	0
RNGR+BHTSA	0.34	0.69	15	14
BHANDARDRA	0.52	0.86	41	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.54	1.10	23	22
GHATGHAR	2.15	4.29	250	0
Total	5.62	10.98		
Wind				
Total	5.47	10.38	0	0
Total	5.47	10.38		
CPP				
APML(Mus)	74.96	148.71	0	0
JSWEL(Mus)	8.42	18.61	0	0
VIPL(Mus)	7.04	14.19	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.74	6.81	0	0
Other(Mus)	6.31	12.68	0	0
Total	99.47	200.99		
SOLAR				
Total	1.30	2.65	0	0
Total	1.30	2.65		
Tata				
Trombay 5	10.07	20.44	491	307
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.83	5.14	123	95
Trombay 7B	1.61	2.82	69	60
Trombay 8	5.52	10.99	250	199
TATA Hydro	4.70	9.77	459	0
Total	24.72	49.15		
R-INFRA				
1-2	10.62	21.57	511	386
Total	10.62	21.57		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	141.16	281.05
MSPGCL Thml+Gas	151.64	301.97
MSPGCL Hydro	16.16	34.10

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	167.80	336.08
Koyna 1,2 & 4 Total	8.91	19.28
State Total	309.39	620.82

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 02/Mar/2017

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	5879	132	436	6447	169	4226	0	0	6038	5822	-1026	15638	0	15638	2115	17753	49.96
2	5916	132	436	6484	172	4218	0	0	5910	5828	-851	15851	0	15851	1940	17791	49.96
3	5903	137	450	6490	193	4230	0	0	5836	5379	-738	15554	0	15554	1831	17385	49.94
4	5677	127	451	6255	197	4221	0	0	5763	5369	-657	15385	0	15385	1752	17137	49.98
5	5609	132	451	6192	198	4223	0	0	5745	5805	-637	15781	0	15781	1732	17513	49.96
6	5841	331	443	6615	170	4226	0	0	5810	5769	-665	16115	0	16115	1864	17979	49.95
7	5940	1124	447	7511	172	4214	0	0	6090	6010	-501	17406	0	17406	1986	19392	49.95
8	5993	1228	448	7669	252	4208	0	15	6901	6451	-618	17977	0	17977	2176	20153	49.98
9	5975	1292	456	7723	245	4164	0	60	7223	7252	-796	18648	0	18648	2379	21027	49.95
10	5986	986	431	7403	331	4147	0	117	6874	6582	-1024	17556	0	17556	2770	20326	49.93
11	5923	902	422	7247	225	4102	0	151	6995	7009	-1061	17673	0	17673	2898	20571	49.98
12	6053	1232	424	7709	152	4091	0	189	7506	7557	-1119	18579	0	18579	2994	21573	49.95
13	6120	1178	426	7724	70	4071	0	182	7497	7541	-1096	18492	0	18492	2982	21474	49.95
14	5941	1355	407	7703	59	4093	0	177	7232	7491	-1110	18413	0	18413	2883	21296	49.97
15	5946	1462	419	7827	91	4107	0	164	7209	7312	-1155	18346	0	18346	2953	21299	49.93
16	6031	1481	418	7930	146	4107	0	129	7519	7310	-1186	18436	0	18436	2957	21393	49.96
17	6015	983	425	7423	214	4118	0	84	7319	7219	-1126	17932	0	17932	2919	20851	49.97
18	6006	537	423	6966	237	4115	0	32	6496	6647	-1116	16881	0	16881	2860	19741	49.96
19	6021	318	439	6778	283	4117	0	1	6480	6342	-1161	16360	0	16360	2737	19097	49.95
20	5996	348	445	6789	338	4103	0	0	6496	6315	-1149	16396	0	16396	2761	19157	50.00
21	5923	267	443	6633	474	4117	0	0	6457	6088	-1247	16065	0	16065	2588	18653	49.99
22	5636	184	434	6254	433	4107	0	0	6391	5874	-1321	15347	0	15347	2446	17793	50.01
23	5413	164	446	6023	372	4044	0	0	6346	6253	-1231	15461	0	15461	2313	17774	49.99
24	5422	131	450	6003	279	4098	0	0	6183	6217	-1112	15485	0	15485	2213	17698	49.98
MUs	141.16	16.16	10.47	167.80	5.47	99.47	0.00	1.30	158.32	155.44	-23.70	405.78	0.00	405.78	59.05	464.83	49.96

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/Mar/2017

Position as on 6.30 Hrs of 03/Mar/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	Koyna Unit 7	80	10/02/2017	11.20		Continued.	Maintenance Work.	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	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	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		Continued.	No PPA	
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	
RGPPL	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	Koradi Unit 10	660	07/02/2017	00.10		Continued.	Work Of PG Test.	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 02/Mar/2017

Position as on 6.30 Hrs of 03/Mar/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	Koradi Unit 7	210	15/02/2017	14.18		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Nasik Unit 5	210	24/02/2017	14.30		Continued.	Zero Schedule.	
MSPGCL	Chandrapur Unit-8	500	27/02/2017	12.24		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 2	210	28/02/2017	22.51	02/03/2017	10.51	Boiler Tube Leakage	
CPP	SWPGL U-3	135	01/03/2017	16.51		Continued.	Flame Failure	
MSPGCL	Khaparkheda Unit 1	210	02/03/2017	13.08		Continued.	zero schedule.	
MSPGCL	Bhusawal Unit 3	210	03/03/2017	06.42		Continued.	zero schedule	

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

Statement-VII

Position as on 6.30 Hrs of 03/Mar/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi-III - Akola-II ckt-I	IntraState	02/03/2017	08.45	02/03/2017	19.39	PO	Annual Maintenance Work
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	01/03/2017	08.42	02/03/2017	06.46	PO	Relay Testing Work.RFC 18.18HRS
Dhule Sar'Sarovar II	InterState	02/03/2017	21.27		Continued.	HT	Over Voltage
Main Bus - II @ Kalwa	IntraState	24/02/2017	08.55	02/03/2017	18.16	PO	Conductor Replacement Work.
Nagothane - Dabhol-II	IntraState	28/02/2017	13.26		Continued.	T	DP TRIP.
Kalwa - Talegaon(PG)	IntraState	01/03/2017	06.58	02/03/2017	16.18	PO	taken on tbc for conductor replacement.
karad -kolhapur-II	IntraState	01/03/2017	16.41	02/03/2017	06.47	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	01/03/2017	18.23	02/03/2017	06.24	HT	Over Voltage
Chandrapur2-Parali 2 ckt1	IntraState	02/03/2017	08.06	02/03/2017	18.18	PO	LILO work at Nanded
Padghe - Kalwa-II	IntraState	02/03/2017	20.23	02/03/2017	20.27	EO	Heavy sparking on Isolator
Bhusawal-Aurangabad	IntraState	02/03/2017	21.24		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33kv 315MVA ICT-I @Lonikand	IntraState	24/02/2017	14.25	02/03/2017	19.25	PO	R Ph Unit Overhauling 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.
Pophli Pedhmbe Line- 2	IntraState	13/02/2017	03.40		Continued.	T	Distance Protection at pedhmbe end
Trombay MSETCL Tie 2	IntraState	22/02/2017	09.24		Continued.	PO	protection panel replacement work.
Miraj - Mhaishal	IntraState	01/03/2017	19.41	02/03/2017	06.55	T	Distance Protection
Apta - Tambati	IntraState	02/03/2017	07.57	02/03/2017	11.00	PO	Testing Work
Jejuri-Phursungi 2	IntraState	02/03/2017	09.30	02/03/2017	19.38	PO	Half yearly maintenance work
512 Khadki- Century Enka	IntraState	02/03/2017	10.00	02/03/2017	18.23	PO	Line Maintenance work
Chinchwad-Hinjewadi I	IntraState	02/03/2017	10.01	02/03/2017	20.30	HT	H/T for Telco outage
Bhosari 2 - Telco	IntraState	02/03/2017	10.14	02/03/2017	20.03	PO	To attend Air Leakage
Phulambri-Bhokardan	IntraState	02/03/2017	13.25	02/03/2017	18.53	T	Distance Protection
220KV Sawangi- Bhokardan	IntraState	02/03/2017	13.25	02/03/2017	18.33	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)
220/132kv 100mva Ptr 1 @Kharepatan	IntraState	01/03/2017	10.00	02/03/2017	00.05	PO	breaker overhauling work.
220/132KV 100MVA ICT-I@Kathapur	IntraState	02/03/2017	11.47	02/03/2017	14.14	PO	Testing Work
110 KV LINE Outages/Trippings							
Miraj-Tasgaon	IntraState	01/03/2017	19.41	02/03/2017	06.50	T	Distance Protection

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