

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Jan/2017 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.991	3497.930	1) Gujrat	-0.970	-16.781
2) Hydro	8.921	433.521	2) Madhya Pradesh	11.365	264.192
3) Gas	6.548	231.035	3) Chattisgarh	7.770	215.770
Total MSPGCL	149.460	4162.486	4) Maharashtra Net	121.414	3125.544
B) 1) APML	47.024	1226.735	5) Goa (Amona)	-0.492	-16.302
2) JSWEL	8.699	240.517	Total	139.087	3572.423
3) VIPL	6.083	164.758	a) Mumbai Schedule	15.949	439.809
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	26.021	601.440
5) WPCL	3.876	97.758	c) MSEDCL Bilateral *	32.355	890.366
6) PGPL	0.000	24.068	Include PX	4.048	98.463
7) Other IPP	7.301	213.620	d) Mumbai Bilateral *	15.949	439.809
C) 1) TPCL Thermal	4.988	164.635	Include PX	6.226	136.720
2) TPCL Hydro	2.422	133.276	Include Standby	0.000	0.000
3) TPCL Gas	2.124	83.826	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.596	270.734	1) MSEDCL	343.228	9277.211
D) STATE			2) Mumbai Discoms	45.151	1253.922
1) Thermal	221.558	5876.687	TOTAL STATE	388.379	10531.133
(A1+C1+C4+(B1-B6))					
2) Hydro	11.343	566.797			
(A2+C2)					
3) Gas	8.672	338.929			
(A3+B6+C3)					
4) Wind	6.723	146.526			
6) SOLAR	0.996	29.760			
TOTAL STATE	249.292	6958.699			

* 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 14 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	5589	6225	5317	5008
MSPGCL Hydro	1002	436	317	289
MSPGCL Gas	199	208	313	310
MSPGCL Total Generation	6790	6869	5947	5607
Central Sector Receipt	7011	6938	5597	3775
WIND	51	64	464	609
CPP / IPP Thermal	3103	3107	2978	2802
CPP / IPP Gas	0	0	0	0
SOLAR	153	136	0	0
Exchange with Mumbai	-1240	-1149	-1228	-1162
MSEDCL DEMAND MET	15868	15965	13758	11631
Load Shedding	0	0	0	0
MSEDCL DEMAND	15868	15965	13758	11631
TPCL GENERATION	436	431	423	291
R-INFRA GENERATION	387	388	387	387
MUMBAI DEMAND	2063	1968	2038	1840
STATE DEMAND MET	17931	17933	15796	13471
STATE DEMAND	17931	17933	15796	13471
Frequency (Hz)	50.00	50.01	49.99	50.18

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.29 Hz at 23.59 Hrs	49.8 Hz at 07.37 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 26/Jan/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	3.70	50.54	170	140
Unit 8	5.55	5.55	470	11
Unit 9	13.19	299.10	660	452
Unit 10	13.37	137.06	660	440
Total	35.81	492.25		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.04	239.84	510	365
Unit 5	10.01	267.80	510	360
Total	20.05	507.64		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.21	118.94	250	190
Unit 7	5.22	135.13	252	191
Unit 8	0.00	0.00	0	0
Total	10.43	254.07		
Chandrapur				
Unit 3	4.39	115.69	199	163
Unit 4	4.39	114.80	196	166
Unit 5	0.00	235.14	0	0
Unit 6	8.75	188.12	401	346
Unit 7	0.00	180.92	0	0
Unit 8	10.04	217.45	485	360
Unit 9	10.17	206.76	494	361
Total	37.74	1258.88		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.28	129.34	255	190
Total	5.28	129.34		
Khaparkheda				
Unit 1	4.06	106.14	190	155
Unit 2	4.18	108.04	200	160
Unit 3	4.21	108.16	202	160
Unit 4	4.11	69.64	190	161
Unit 5	0.00	247.50	0	0
Total	16.56	639.48		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.05	108.94	200	160
Unit 5	4.07	107.33	199	164
Total	8.12	216.27		
Uran				
All Units	6.55	231.04	317	196
Total	6.55	231.04		
PGPL				
Unit 1	0.00	14.50	0	0
Unit 2	0.00	9.57	0	0
Total	0.00	24.07		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.08	10.34	33	0
Total	0.08	10.34		
Koyna				
Stage 1-2	2.68	101.96	540	40
Stage 4	1.04	150.53	427	0
Stage 3	0.68	51.94	160	0
Total	4.40	304.44		
Hydro				
KDPH	0.64	11.37	37	18
VTRNA	1.13	17.91	59	0
TILLARI	0.37	10.19	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.21	7.72	80	0
RNGR+BHTSA	0.35	7.78	15	14
BHANDARDRA	0.00	5.14	0	0
ELDARY	0.00	2.76	0	0
SMLHY_PTN	0.60	14.94	35	22
GHATGHAR	1.21	51.28	250	0
Total	4.52	129.08		
Wind				
Total	6.72	146.53	0	0
Total	6.72	146.53		
CPP				
APML(Mus)	47.02	1226.74	0	0
JSWEL(Mus)	8.70	240.52	0	0
VIPL(Mus)	6.08	164.76	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	3.88	97.76	0	0
Other(Mus)	7.30	213.62	0	0
Total	72.98	1943.39		
SOLAR				
Total	1.00	29.76	0	0
Total	1.00	29.76		
Tata				
Trombay 5	0.00	26.38	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.18	50.36	49	49
Trombay 7B	0.95	33.47	41	39
Trombay 8	4.99	138.25	249	200
TATA Hydro	2.42	133.28	171	66
Total	9.53	381.74		
R-INFRA				
1-2	9.60	270.73	510	385
Total	9.60	270.73		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	133.99	3497.93	MSPGCL Total	149.46	4162.49
			MSPGCL Thml+Gas	140.54	3728.96	Koyna 1,2 & 4 Total	3.72	252.50
			MSPGCL Hydro	8.92	433.52	State Total	249.29	6958.70

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/Jan/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	5086	268	308	5662	294	3060	0	0	5610	5780	-1138	13658	0	13658	1813	15471	50.00
2	5158	173	310	5641	245	3061	0	0	5750	5623	-1022	13548	0	13548	1699	15247	49.97
3	4998	149	308	5455	211	3051	0	0	5660	5715	-906	13526	0	13526	1584	15110	49.99
4	4975	115	298	5388	213	3045	0	0	5640	5708	-859	13495	0	13495	1533	15028	50.01
5	5034	220	310	5564	235	3061	0	0	5654	5957	-862	13955	0	13955	1537	15492	49.99
6	5766	345	309	6420	298	3122	0	0	5749	5904	-818	14926	0	14926	1618	16544	49.92
7	6197	1033	310	7540	334	3133	0	0	6082	6113	-769	16351	0	16351	1750	18101	50.00
8	6247	854	308	7409	218	3139	0	15	6594	6462	-775	16468	0	16468	1766	18234	49.97
9	6005	347	267	6619	130	3144	0	52	7070	7030	-951	16024	0	16024	1872	17896	49.97
10	5690	327	242	6259	86	3134	0	100	6881	6561	-1145	14995	0	14995	1965	16960	49.99
11	5278	462	196	5936	60	3132	0	136	6794	6798	-1185	14877	0	14877	2027	16904	49.99
12	5589	1002	199	6790	51	3103	0	153	6745	7011	-1240	15868	0	15868	2063	17931	50.00
13	6184	563	203	6950	46	3131	0	145	6900	6726	-1207	15791	0	15791	2047	17838	49.95
14	6225	436	208	6869	64	3107	0	136	6804	6938	-1149	15965	0	15965	1968	17933	50.01
15	6253	309	214	6776	85	3083	0	117	6485	6345	-1111	15295	0	15295	1932	17227	50.06
16	6337	282	205	6824	85	3117	0	89	6107	6301	-1095	15321	0	15321	1903	17224	49.99
17	6312	216	218	6746	220	3127	0	42	6049	5818	-1106	14847	0	14847	1906	16753	49.98
18	5375	152	264	5791	387	3066	0	11	5952	5819	-1112	13962	0	13962	1927	15889	50.01
19	5317	317	313	5947	464	2978	0	0	5391	5597	-1228	13758	0	13758	2038	15796	49.99
20	5343	390	316	6049	553	2856	0	0	4893	4899	-1328	13029	0	13029	2173	15202	49.98
21	5280	290	305	5875	609	2860	0	0	4780	4597	-1333	12608	0	12608	2153	14761	49.97
22	5277	151	310	5738	622	2829	0	0	4552	3817	-1299	11707	0	11707	2072	13779	50.06
23	5057	231	317	5605	604	2841	0	0	3539	3793	-1221	11622	0	11622	1965	13587	50.02
24	5008	289	310	5607	609	2802	0	0	3430	3775	-1162	11631	0	11631	1840	13471	50.18
MUs	133.99	8.92	6.55	149.46	6.72	72.98	0.00	1.00	139.11	139.09	-26.02	343.23	0.00	343.23	45.15	388.38	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 26/Jan/2017

Position as on 6.30 Hrs of 27/Jan/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	Koradi Unit-8	660	12/12/2016	23.59	26/01/2017	00.39	Annual Overhaul	
TPC-G	Trombay 5	500	03/01/2017	21.49		Continued.	Annual Overhaul	
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	
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.	
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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 26/Jan/2017

Position as on 6.30 Hrs of 27/Jan/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Nasik Unit 3	210	11/12/2016	16.50		Continued.	withdraw on BTL ,converted to zero schedule w.e.f 16.12.2016 at 00:00 Hrs	
IPP	VIPL U-1	300	03/01/2017	00.45		Continued.	turbine bearing temprature high.	
PGPL	PGPL U1	262	13/01/2017	19.15		Continued.	No schedule.	
PGPL	PGPL U2	126	13/01/2017	19.15		Continued.	No schedule.	
MSPGCL	Koyna STG- IV Unit - 1	250	19/01/2017	17.00		Continued.	GV Bolt Replacement.	
MSPGCL	Uran Unit 7	108	21/01/2017	07.20		Continued.	Gas shortage	
MSPGCL	Uran Unit B0	120	21/01/2017	07.22		Continued.	Gas shortage	
MSPGCL	Khaparkheda Unit 5	500	24/01/2017	21.31		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 5	500	24/01/2017	23.55		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 7	500	25/01/2017	19.32		Continued.	Turbine Problem.	
MSPGCL	Uran Unit 6	108	27/01/2017	06.00		Continued.	Gas shortage	
MSPGCL	Koradi Unit-8	660	27/01/2017	06.30		Continued.	ID Fan Problem	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Jan/2017

Statement-VII

Position as on 6.30 Hrs of 27/Jan/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	25/01/2017	19.20	26/01/2017	06.45	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	26/01/2017	09.22	27/01/2017	07.06	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	26/01/2017	23.09	27/01/2017	05.23	HT	Over Voltage
karad -kolhapur-II	IntraState	25/01/2017	17.51		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	25/01/2017	20.17	26/01/2017	06.40	HT	Over Voltage
Karad-Jaigad - I	IntraState	25/01/2017	21.18		Continued.	HT	Over Voltage
New Koyna - Koyna Stage IV-II	IntraState	26/01/2017	1634		Continued.	T	Over Voltage
Bhusawal-Aurangabad	IntraState	26/01/2017	18.14	27/01/2017	06.41	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220KV 315MVA ICT3@Bhusawal II (khadaka)	IntraState	26/01/2017	10.25		Continued.	PO	Overhauling of OLTC Y Ph & B Ph.
400/220 KV 500MVA ICT II @ Nanded	IntraState	26/01/2017	12.23	26/01/2017	16.50	EO	Y Phase CT Replacement.
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.
Bhugaon-WardhaPG (Deoli)	IntraState	25/01/2017	12.07		Continued.	PO	Inline Tower Erection,Destringing & Restringing for Diversion of Bhugaon Wardha & Bhugaon Hinganghat @ Line in UGML Premises.
Koradi-Ambazari-Ii	IntraState	26/01/2017	09.29	26/01/2017	11.12	T	Attending Leakage of CC.
Nanded-Parbhani	IntraState	26/01/2017	12.09	26/01/2017	17.20	HT	In View of Nanded ICT Outage.
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)
220/100 Kv 50 Mva Gec Ict 1 @Kandalgaon	IntraState	15/12/2016	12.15		Continued.	PO	Augmentation Work(Outage for 3 Months).
220/132 Kv 100 Mva Gec Ict 1 @Pusad	IntraState	13/01/2017	15.23		Continued.	PO	Work of tap changer.

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