

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Jan/2017 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	125.738	3363.939	1) Gujrat	-0.777	-15.811
2) Hydro	24.440	424.600	2) Madhya Pradesh	14.482	252.827
3) Gas	7.086	224.487	3) Chattisgarh	9.350	208.000
Total MSPGCL	157.264	4013.026	4) Maharashtra Net	138.170	3004.130
B) 1) APML	48.489	1179.711	5) Goa (Amona)	-0.584	-15.810
2) JSWEL	9.040	231.818	Total	160.641	3433.336
3) VIPL	6.323	158.675	a) Mumbai Schedule	22.347	423.860
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	29.083	575.419
5) WPCL	4.267	93.882	c) MSEDCL Bilateral *	38.783	858.012
6) PGPL	0.000	24.068	Include PX	7.758	94.416
7) Other IPP	7.418	206.319	d) Mumbai Bilateral *	22.347	423.860
C) 1) TPCL Thermal	5.531	159.647	Include PX	9.366	130.493
2) TPCL Hydro	6.635	130.854	Include Standby	0.000	0.000
3) TPCL Gas	2.138	81.702	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.892	261.138	1) MSEDCL	373.487	8933.983
D) STATE			2) Mumbai Discoms	54.279	1208.771
1) Thermal	217.698	5655.129	TOTAL STATE	427.766	10142.754
(A1+C1+C4+(B1-B6))					
2) Hydro	31.075	555.454			
(A2+C2)					
3) Gas	9.224	330.257			
(A3+B6+C3)					
4) Wind	8.046	139.803			
6) SOLAR	1.082	28.764			
TOTAL STATE	267.125	6709.407			

* 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 3 Hrs
MSPGCL Thermal	5091	5555	6213	4474
MSPGCL Hydro	1934	1748	790	198
MSPGCL Gas	282	285	287	309
MSPGCL Total Generation	7307	7588	7290	4981
Central Sector Receipt	8289	7866	6503	5481
WIND	198	92	190	605
CPP / IPP Thermal	3177	3146	3163	3119
CPP / IPP Gas	0	0	0	0
SOLAR	160	163	0	0
Exchange with Mumbai	-1483	-1361	-1373	-876
MSEDCL DEMAND MET	17648	17494	15773	13310
Load Shedding	0	0	0	0
MSEDCL DEMAND	17648	17494	15773	13310
TPCL GENERATION	798	774	784	293
R-INFRA GENERATION	495	511	509	386
MUMBAI DEMAND	2776	2646	2666	1555
STATE DEMAND MET	20424	20140	18439	14865
STATE DEMAND	20424	20140	18439	14865
Frequency (Hz)	49.96	49.96	49.97	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 06.01 Hrs	49.77 Hz at 21.07 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 25/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	3.40	46.84	170	20
Unit 8	0.00	0.00	0	0
Unit 9	10.42	285.91	500	361
Unit 10	12.16	123.68	659	415
Total	25.98	456.44		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.83	229.80	510	370
Unit 5	10.82	257.80	505	370
Total	21.65	487.59		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.43	113.73	250	195
Unit 7	5.17	129.91	248	176
Unit 8	0.00	0.00	0	0
Total	10.60	243.64		
Chandrapur				
Unit 3	4.52	111.30	200	169
Unit 4	4.54	110.41	198	174
Unit 5	0.00	235.14	0	0
Unit 6	3.29	179.37	385	0
Unit 7	8.04	180.92	437	221
Unit 8	7.76	207.41	444	0
Unit 9	10.24	196.59	480	362
Total	38.38	1221.14		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	3.21	124.05	248	0
Total	3.21	124.05		
Khaparkheda				
Unit 1	4.16	102.09	190	145
Unit 2	4.28	103.86	200	160
Unit 3	4.43	103.95	205	160
Unit 4	4.26	65.52	192	160
Unit 5	0.00	247.50	0	0
Total	17.13	622.92		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.41	104.89	200	163
Unit 5	4.38	103.26	201	161
Total	8.78	208.15		
Uran				
All Units	7.09	224.49	310	277
Total	7.09	224.49		
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)	0.16	10.26	47	0
Total	0.16	10.26		
Koyna				
Stage 1-2	6.50	99.28	550	45
Stage 4	8.73	149.50	800	0
Stage 3	3.55	51.26	240	0
Total	18.78	300.04		
Hydro				
KDPH	0.89	10.73	37	37
VTRNA	0.95	16.78	60	0
TILLARI	0.47	9.82	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.40	7.51	80	0
RNGR+BHTSA	0.35	7.43	15	14
BHANDARDRA	0.00	5.14	0	0
ELDARY	0.00	2.76	0	0
SMLHY_PTN	0.58	14.33	32	21
GHATGHAR	2.02	50.06	250	0
Total	5.66	124.56		
Wind				
Total	8.05	139.80	0	0
Total	8.05	139.80		
CPP				
APML(Mus)	48.49	1179.71	0	0
JSWEL(Mus)	9.04	231.82	0	0
VIPL(Mus)	6.32	158.68	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.27	93.88	0	0
Other(Mus)	7.42	206.32	0	0
Total	75.54	1870.40		
SOLAR				
Total	1.08	28.76	0	0
Total	1.08	28.76		
Tata				
Trombay 5	0.00	26.38	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.18	49.18	51	48
Trombay 7B	0.96	32.52	41	39
Trombay 8	5.53	133.26	252	201
TATA Hydro	6.64	130.85	459	13
Total	14.30	372.20		
R-INFRA				
1-2	10.89	261.14	511	386
Total	10.89	261.14		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	125.74	3363.94	MSPGCL Total	157.26	4013.03
			MSPGCL Thml+Gas	132.82	3588.43	Koyna 1,2 & 4 Total	15.22	248.78
			MSPGCL Hydro	24.44	424.60	State Total	267.12	6709.41

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/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	4606	473	307	5386	666	3113	0	0	5408	5492	-1098	13559	0	13559	1774	15333	49.98
2	4662	203	299	5164	671	3118	0	0	5558	5355	-950	13358	0	13358	1631	14989	49.96
3	4474	198	309	4981	605	3119	0	0	5210	5481	-876	13310	0	13310	1555	14865	49.94
4	4389	208	310	4907	582	3098	0	0	5286	5749	-835	13501	0	13501	1514	15015	49.97
5	4531	198	308	5037	568	3101	0	0	5615	5846	-841	13711	0	13711	1520	15231	49.95
6	4847	411	308	5566	581	3145	0	0	5708	6169	-889	14572	0	14572	1680	16252	49.95
7	5198	1187	297	6682	605	3188	0	0	6185	6285	-881	15879	0	15879	1858	17737	49.96
8	5265	1845	310	7420	559	3225	0	5	6799	7022	-840	17391	29	17420	1993	19413	49.92
9	5325	1828	308	7461	379	3189	0	49	7384	7756	-1022	17812	32	17844	2318	20162	49.98
10	5404	1972	298	7674	346	3178	0	96	7270	7155	-1304	17145	8	17153	2564	19717	49.97
11	5442	1662	283	7387	293	3188	0	125	7421	7112	-1470	16635	0	16635	2769	19404	49.93
12	5091	1934	282	7307	198	3177	0	160	7748	8289	-1483	17648	0	17648	2776	20424	49.96
13	5209	1909	278	7396	86	3173	0	153	7770	7978	-1419	17367	0	17367	2723	20090	49.91
14	5555	1748	285	7588	92	3146	0	163	7843	7866	-1361	17494	0	17494	2646	20140	49.96
15	5789	1555	277	7621	52	3181	0	137	7693	7751	-1384	17358	0	17358	2685	20043	49.89
16	5957	1571	286	7814	74	3162	0	111	7708	7620	-1383	17398	0	17398	2684	20082	49.94
17	6065	1466	285	7816	86	3140	0	64	6922	7302	-1366	17042	0	17042	2670	19712	49.96
18	6146	1282	284	7712	107	3142	0	19	6596	6742	-1337	16385	0	16385	2644	19029	49.96
19	6213	790	287	7290	190	3163	0	0	6672	6503	-1373	15773	0	15773	2666	18439	49.97
20	5777	535	300	6612	249	3178	0	0	6655	6623	-1411	15251	0	15251	2667	17918	50.02
21	5203	474	294	5971	266	3130	0	0	6400	6497	-1472	14392	0	14392	2496	16888	49.96
22	4859	439	295	5593	225	3114	0	0	6203	6119	-1432	13619	0	13619	2344	15963	49.97
23	4878	276	295	5449	296	3095	0	0	5951	6001	-1398	13443	0	13443	2153	15596	49.96
24	4853	276	301	5430	270	3074	0	0	5777	5923	-1258	13439	0	13439	1949	15388	49.98
MUs	125.74	24.44	7.09	157.26	8.05	75.54	0.00	1.08	157.78	160.64	-29.08	373.48	0.07	373.55	54.28	427.83	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 25/Jan/2017

Position as on 6.30 Hrs of 26/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 25/Jan/2017

Position as on 6.30 Hrs of 26/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 U2	126	13/01/2017	19.15		Continued.	No schedule.	
PGPL	PGPL U1	262	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	Koradi Unit 7	210	22/01/2017	01.47	25/01/2017	00.24	Water Valve leakage	
MSPGCL	Paras Unit 4	250	23/01/2017	21.00	25/01/2017	08.50	ID Fan Problem	
MSPGCL	Chandrapur Unit 6	500	24/01/2017	06.29	25/01/2017	13.15	air flow porblem.	
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-8	500	25/01/2017	10.55	25/01/2017	13.25	Flame Failure	
MSPGCL	Chandrapur Unit 7	500	25/01/2017	19.32		Continued.	Turbine Problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Jan/2017

Statement-VII

Position as on 6.30 Hrs of 26/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	24/01/2017	19.13	25/01/2017	06.08	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	25/01/2017	10.40	25/01/2017	16.44	PO	AMP Work.
Kolhapur Solapur (PG) II	InterState	25/01/2017	19.09	25/01/2017	19.51	EO	Attending CT Problem.
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		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	26/01/2017	23.09		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	24/01/2017	16.35	25/01/2017	10.24	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	24/01/2017	19.10	25/01/2017	06.46	HT	Over Voltage
Karad - Jaigad - II	IntraState	24/01/2017	19.35	25/01/2017	09.03	HT	Over Voltage
Bus Coupler @ New Koyna	IntraState	25/01/2017	09.27	25/01/2017	17.41	PO	Routine Maintenance Work
Girwali-Solapur (Lamboti)	IntraState	25/01/2017	17.23	25/01/2017	18.59	EO	Attending Hot Spot
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		Continued.	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.
Badnera - Nandgaonpeth	IntraState	25/01/2017	07.11	25/01/2017	09.24	HT	Over Current Protection
Badnera - Amravati	IntraState	25/01/2017	07.11	25/01/2017	09.31	HT	To Control Akola ICT Overloading.
Kamba-Borivali	IntraState	25/01/2017	09.20	25/01/2017	14.08	PO	Diagonstic Testing of C.T.
K'Kheda- Suryalakshmi	IntraState	25/01/2017	10.11	25/01/2017	12.35	PO	Attending Hot Spot
Mudshingi-Belewadi	IntraState	25/01/2017	10.15	25/01/2017	15.50	PO	Annual Maintenance Work
Pandharpur - Hiwarwada	IntraState	25/01/2017	10.16	25/01/2017	15.17	PO	Maintenance Work.
Karkumbh-jeur	IntraState	25/01/2017	10.42	25/01/2017	16.15	PO	Quarterly Maintainance Work
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.
Balapur-Akola I	IntraState	25/01/2017	12.10	25/01/2017	14.32	PO	Y ph Suspension Clamp Clip Fixing Work.
ACCIL - Apta	IntraState	25/01/2017	14.25	25/01/2017	18.15	PO	Diagnostic Testing.
Boisar Versova Line	IntraState	25/01/2017	15.07	25/01/2017	17.52	T	Distance Protection
Pandharpur - Hiwarwada	IntraState	25/01/2017	17.40	25/01/2017	22.40	T	Y Ph.Bus PT Burst @ Hiwarwadi.
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							

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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Jan/2017

Statement-VII

Position as on 6.30 Hrs of 26/Jan/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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	Augumentation 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.
220/100 Kv 200 MVA ICT I @Pal- Dombivali	IntraState	25/01/2017	09.01	25/01/2017	21.15	PO	Tan Delta Testing Work.
132 KV LINE Outages/Trippings							
Midc Akola-Durgwada	IntraState	25/01/2017	07.19	25/01/2017	09.25	HT	To Control Akola ICT Overloading