

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Dec/2016 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	123.706	3562.163	1) Gujrat	-0.422	-68.640
2) Hydro	20.348	514.005	2) Madhya Pradesh	12.759	197.311
3) Gas	10.889	254.746	3) Chattisgarh	7.450	191.360
Total MSPGCL	154.943	4330.914	4) Maharashtra Net	111.478	2866.015
B) 1) APML	45.269	1226.456	5) Goa (Amona)	-0.528	-16.740
2) JSWEL	11.480	287.462	Total	130.737	3169.306
3) VIPL	7.347	298.081	a) Mumbai Schedule	15.712	522.966
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	16.836	579.242
5) WPCL	3.915	99.733	c) MSEDCL Bilateral *	35.711	663.402
6) PGPL	0.000	27.691	Include PX	2.368	14.347
7) Other IPP	9.546	237.770	d) Mumbai Bilateral *	15.712	522.966
C) 1) TPCL Thermal	14.538	283.995	Include PX	3.959	82.010
2) TPCL Hydro	4.303	108.821	Include Standby	0.000	0.000
3) TPCL Gas	4.172	103.422	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.484	272.226	1) MSEDCL	353.005	9337.987
D) STATE			2) Mumbai Discoms	50.333	1347.703
1) Thermal	226.285	6267.886	TOTAL STATE	403.338	10685.690
(A1+C1+C4+(B1-B6))					
2) Hydro	24.651	622.826			
(A2+C2)					
3) Gas	15.061	385.859			
(A3+B6+C3)					
4) Wind	5.339	208.392			
6) SOLAR	1.265	31.424			
TOTAL STATE	272.601	7516.387			

* 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 4 Hrs
MSPGCL Thermal	5750	5720	4643	4717
MSPGCL Hydro	1913	1724	810	115
MSPGCL Gas	434	435	449	476
MSPGCL Total Generation	8097	7879	5902	5308
Central Sector Receipt	6522	6570	5883	4171
WIND	167	76	211	220
CPP / IPP Thermal	3499	3652	3568	2675
CPP / IPP Gas	0	0	0	0
SOLAR	180	185	0	0
Exchange with Mumbai	-860	-852	-933	-333
MSEDCL DEMAND MET	17605	17510	14631	12041
Load Shedding	0	0	0	0
MSEDCL DEMAND	17605	17510	14631	12041
TPCL GENERATION	1285	1213	1180	668
R-INFRA GENERATION	502	508	386	388
MUMBAI DEMAND	2647	2573	2499	1389
STATE DEMAND MET	20252	20083	17130	13430
STATE DEMAND	20252	20083	17130	13430
Frequency (Hz)	49.91	49.95	49.94	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 03:52 Hrs	49.69 Hz at 09:15 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 26/Dec/2016

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	41.25	0	0
Unit 8	0.00	144.07	0	0
Unit 9	8.47	234.44	355	349
Total	8.47	419.75		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.12	265.84	505	350
Unit 5	10.34	264.18	510	355
Total	20.46	530.01		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.35	135.58	250	196
Unit 7	5.33	132.43	248	198
Unit 8	0.00	0.00	0	0
Total	10.68	268.02		
Chandrapur				
Unit 3	4.39	103.20	200	166
Unit 4	4.28	112.66	192	167
Unit 5	0.14	236.33	118	0
Unit 6	9.73	189.77	450	352
Unit 7	8.85	239.49	404	319
Unit 8	6.56	208.40	414	0
Unit 9	8.37	161.24	390	280
Total	42.33	1251.08		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.42	137.68	258	200
Total	5.42	137.68		
Khaparkheda				
Unit 1	4.25	99.79	200	160
Unit 2	4.23	109.96	200	160
Unit 3	4.38	112.72	205	165
Unit 4	4.28	110.12	195	164
Unit 5	10.45	277.90	500	370
Total	27.59	710.50		
Nasik				
Unit 3	0.00	45.35	0	0
Unit 4	4.24	76.64	201	160
Unit 5	4.24	90.83	200	165
Total	8.48	212.83		
Uran				
All Units	10.89	254.75	476	421
Total	10.89	254.75		
PGPL				
Unit 1	0.00	17.05	0	0
Unit 2	0.00	10.64	0	0
Total	0.00	27.69		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.32	5.55	51	0
Total	0.32	5.55		
Koyna				
Stage 1-2	5.58	143.02	505	40
Stage 4	8.12	195.54	960	0
Stage 3	3.25	72.44	240	0
Total	16.95	411.00		
Hydro				
KDPH	0.89	11.62	37	37
VTRNA	0.45	11.19	60	0
TILLARI	0.00	5.64	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	6.28	40	0
RNGR+BHTSA	0.36	8.83	17	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.59	17.87	34	21
GHATGHAR	0.98	41.58	125	0
Total	3.40	103.01		
Wind				
Total	5.34	208.39	0	0
Total	5.34	208.39		
CPP				
APML(Mus)	45.27	1226.46	0	0
JSWEL(Mus)	11.48	287.46	0	0
VIPL(Mus)	7.35	298.08	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	3.92	99.73	0	0
Other(Mus)	9.55	237.77	0	0
Total	77.56	2149.50		
SOLAR				
Total	1.26	31.42	0	0
Total	1.26	31.42		
Tata				
Trombay 5	9.22	240.12	469	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.62	64.41	115	93
Trombay 7B	1.55	39.01	68	59
Trombay 8	5.32	43.88	251	200
TATA Hydro	4.30	108.82	448	62
Total	23.01	496.24		
R-INFRA				
1-2	10.48	272.23	510	382
Total	10.48	272.23		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Koradi 10	0.27	32.29

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	123.71	3562.16
MSPGCL Thml+Gas	134.60	3816.91
MSPGCL Hydro	20.35	514.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	154.94	4330.91
Koyna 1,2 & 4 Total	13.70	338.56
State Total	272.60	7516.39

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/Dec/2016

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	4730	175	461	5366	182	2679	0	0	4323	4317	-576	11968	0	11968	1628	13596	50.02
2	4741	115	474	5330	188	2682	0	0	4524	4276	-481	11995	0	11995	1536	13531	49.99
3	4763	115	464	5342	183	2667	0	0	4515	4208	-372	12028	0	12028	1429	13457	50.02
4	4717	115	476	5308	220	2675	0	0	4528	4171	-333	12041	0	12041	1389	13430	50.05
5	4750	120	466	5336	274	2674	0	0	4977	4349	-341	12292	0	12292	1396	13688	50.02
6	4977	220	476	5673	387	2760	0	0	5080	4995	-402	13413	0	13413	1458	14871	49.97
7	5539	372	464	6375	379	3041	0	0	5560	5261	-474	14582	0	14582	1617	16199	49.98
8	5687	1361	476	7524	320	3108	0	7	5709	5829	-322	16466	109	16575	1771	18346	49.88
9	5730	1589	465	7784	207	3113	0	76	6157	5988	-501	16667	246	16913	2074	18987	49.90
10	5791	1729	472	7992	208	3159	0	105	6400	6311	-701	17074	44	17118	2465	19583	49.85
11	5762	1755	442	7959	231	3236	0	173	6512	6558	-807	17350	0	17350	2576	19926	49.97
12	5750	1913	434	8097	167	3499	0	180	6405	6522	-860	17605	0	17605	2647	20252	49.91
13	5720	1724	435	7879	76	3652	0	185	6240	6570	-852	17510	0	17510	2573	20083	49.95
14	5659	1584	425	7668	64	3740	0	183	6223	6603	-843	17415	0	17415	2493	19908	49.99
15	5659	1515	421	7595	65	3766	0	159	6201	6496	-808	17273	0	17273	2496	19769	49.95
16	5618	1739	423	7780	30	3624	0	120	6204	6456	-783	17227	0	17227	2500	19727	49.92
17	5571	1330	453	7354	41	3588	0	67	6007	6494	-771	16773	0	16773	2498	19271	49.93
18	5171	444	427	6042	113	3566	0	10	5669	5669	-865	14535	0	14535	2455	16990	49.92
19	4643	810	449	5902	211	3568	0	0	5462	5883	-933	14631	0	14631	2499	17130	49.94
20	4475	695	450	5620	327	3564	0	0	5466	5860	-1020	14351	0	14351	2451	16802	49.97
21	4464	422	453	5339	334	3564	0	0	5188	5303	-1069	13471	0	13471	2345	15816	49.96
22	4513	274	463	5250	291	3318	0	0	4806	4610	-1027	12442	0	12442	2176	14618	49.98
23	4595	128	455	5178	386	3170	0	0	4491	4210	-886	12058	0	12058	1970	14028	49.97
24	4681	104	465	5250	455	3152	0	0	4198	3798	-809	11846	0	11846	1891	13737	50.02
MUs	123.71	20.35	10.89	154.94	5.34	77.56	0.00	1.26	130.84	130.74	-16.84	353.00	0.40	353.40	50.33	403.74	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 26/Dec/2016

Position as on 6.30 Hrs of 27/Dec/2016

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		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 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	
MSPGCL	Koyna Unit 11	80	24/09/2016	03.20		Continued.	Stator Earth Fault	
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/Dec/2016

Position as on 6.30 Hrs of 27/Dec/2016

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.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 7	210	19/12/2016	21.52		Continued.	Zero Schedule BY MSEDCL	
PGPL	PGPL U1	262	20/12/2016	18.30		Continued.	No Schedule	
PGPL	PGPL U2	126	20/12/2016	18.32		Continued.	No Schedule	
IPP	Adani U-2	660	21/12/2016	11.02	26/12/2016	10.17	Air preheater problem	
MSPGCL	Koradi Unit 10	660	22/12/2016	13.10	26/12/2016	21.42	Main steam line leakage.	
MSPGCL	Chandrapur Unit 5	500	25/12/2016	07.44	26/12/2016	22.49	Economizer Tube Leakage.	
MSPGCL	Chandrapur Unit-8	500	26/12/2016	18.31		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Dec/2016

Statement-VII

Position as on 6.30 Hrs of 27/Dec/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400kV 1500MVA ICT @ Akola-II	IntraState	26/12/2016	10.10	26/12/2016	18.55	PO	Routine Maintenance Work
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar II	InterState	25/12/2016	17.23		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	25/12/2016	21.42	26/12/2016	22.00	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	26/12/2016	16.56	27/12/2016	06.53	HT	Over Voltage
karad -kolhapur-II	IntraState	25/12/2016	16.32	26/12/2016	10.14	HT	Over Voltage
Karad-Jaigad - I	IntraState	25/12/2016	16.36	26/12/2016	10.17	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	25/12/2016	17.16	26/12/2016	07.26	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	25/12/2016	20.47	26/12/2016	09.20	HT	Over Voltage
karad -kolhapur-II	IntraState	26/12/2016	16.32		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	26/12/2016	16.37		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	26/12/2016	17.42		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	26/12/2016	21.21		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 kV 315 MVA ICT-I @Chandrapur	IntraState	21/12/2016	16.31		Continued.	EO	Oil leakage on bushing.
220 KV LINE Outages/Trippings							
Badnera - Deoli (PG)	InterState	26/12/2016	07.49	26/12/2016	08.24	PO	LINE OPEN BY WRLDC DUE TO HIGH O/DI.
Badnera - Deoli (PG)	InterState	26/12/2016	11.17	26/12/2016	18.41	PO	Replacement work
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.
Kalwa - Borivali	IntraState	27/10/2016	08.32		Continued.	HT	Outage availed on28.10.2016 at 08:09 hrs for construction activity of Mumbai strenghtning work
Mulund - GIS Bhandup	IntraState	27/10/2016	08.53		Continued.	HT	outage availed on 28.10.2016 at 09:30hrs for construction activity of mumbai strenghtning work.
karad - Dasgaon	IntraState	20/12/2016	09.37		Continued.	PO	Construction Work.
Kalwa 52B Interconnector CB	IntraState	26/12/2016	10.50	26/12/2016	14.00	PO	Attending Hot Spot
Pophali - Nerale	IntraState	26/12/2016	12.15	26/12/2016	18.30	T	TRIPPED ON DP.
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	Augumentation Work(Outage for 3 Months).
220/100 Kv 200MVA ICT-I @Padghe	IntraState	26/12/2016	09.30	26/12/2016	18.39	PO	Annual Maintenance Work
132 KV LINE Outages/Trippings							
Daund-Alegaon	IntraState	25/12/2016	07.30		Continued.	PO	CONSTRUCTION WORK.

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