

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/Dec/2016 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	131.849	3819.748	1) Gujrat	-1.700	-72.148
2) Hydro	15.438	550.432	2) Madhya Pradesh	8.929	217.657
3) Gas	10.939	276.286	3) Chattisgarh	8.070	207.380
Total MSPGCL	158.226	4646.466	4) Maharashtra Net	103.165	3070.636
B) 1) APML	49.817	1325.986	5) Goa (Amona)	-0.560	-17.642
2) JSWEL	11.806	311.240	Total	117.904	3405.883
3) VIPL	7.214	312.838	a) Mumbai Schedule	15.414	553.641
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	17.716	614.745
5) WPCL	3.989	107.786	c) MSEDCL Bilateral *	23.971	726.910
6) PGPL	3.034	33.099	Include PX	1.372	20.945
7) Other IPP	9.003	255.933	d) Mumbai Bilateral *	15.414	553.641
C) 1) TPCL Thermal	14.499	313.213	Include PX	3.584	89.248
2) TPCL Hydro	3.991	116.501	Include Standby	0.000	0.000
3) TPCL Gas	3.370	110.635	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.502	293.230	1) MSEDCL	353.517	10044.068
D) STATE			2) Mumbai Discoms	50.076	1448.319
1) Thermal	238.679	6739.974	TOTAL STATE	403.593	11492.387
(A1+C1+C4+(B1-B6))					
2) Hydro	19.429	666.933			
(A2+C2)					
3) Gas	17.343	420.020			
(A3+B6+C3)					
4) Wind	9.003	225.682			
6) SOLAR	1.237	33.900			
TOTAL STATE	285.691	8086.509			

* 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 24 Hrs
MSPGCL Thermal	5932	5863	5716	5178
MSPGCL Hydro	1667	1289	273	227
MSPGCL Gas	441	440	444	471
MSPGCL Total Generation	8040	7592	6433	5876
Central Sector Receipt	6155	5990	5394	3214
WIND	279	176	147	301
CPP / IPP Thermal	3549	3558	3534	3157
CPP / IPP Gas	233	232	186	0
SOLAR	180	187	0	0
Exchange with Mumbai	-915	-848	-1078	-808
MSEDCL DEMAND MET	17521	16887	14616	11740
Load Shedding	0	0	0	0
MSEDCL DEMAND	17521	16887	14616	11740
TPCL GENERATION	1195	1227	1069	629
R-INFRA GENERATION	505	508	385	385
MUMBAI DEMAND	2615	2583	2532	1822
STATE DEMAND MET	20136	19470	17148	13562
STATE DEMAND	20136	19470	17148	13562
Frequency (Hz)	49.98	49.96	49.97	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 17:02 Hrs	49.78 Hz at 22:09 Hrs	49.98	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 28/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	251.38	355	350
Total	8.47	436.69		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.47	286.64	510	355
Unit 5	10.57	285.10	510	350
Total	21.04	571.75		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.41	146.48	250	195
Unit 7	5.30	143.06	252	187
Unit 8	0.00	0.00	0	0
Total	10.70	289.54		
Chandrapur				
Unit 3	4.52	112.17	199	163
Unit 4	0.00	114.26	0	0
Unit 5	9.76	255.25	445	362
Unit 6	9.49	208.80	430	359
Unit 7	9.26	257.64	420	343
Unit 8	0.05	208.45	50	0
Unit 9	7.97	177.75	362	268
Total	41.03	1334.32		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.40	148.44	260	196
Total	5.40	148.44		
Khaparkhedra				
Unit 1	4.36	108.39	205	160
Unit 2	4.29	118.56	200	160
Unit 3	4.38	121.48	205	165
Unit 4	2.17	116.54	192	0
Unit 5	10.69	295.97	500	363
Total	25.89	760.94		
Nasik				
Unit 3	0.00	45.35	0	0
Unit 4	4.01	84.86	189	162
Unit 5	4.03	99.10	188	164
Total	8.04	229.31		
Uran				
All Units	10.94	276.29	478	418
Total	10.94	276.29		
PGPL				
Unit 1	1.83	20.29	143	0
Unit 2	1.21	12.81	92	0
Total	3.03	33.10		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.28	5.93	34	0
Total	0.28	5.93		
Koyna				
Stage 1-2	2.90	150.90	535	40
Stage 4	7.65	213.47	931	0
Stage 3	2.07	77.20	240	0
Total	12.62	441.56		
Hydro				
KDPH	0.00	12.03	0	0
VTRNA	0.45	12.08	60	0
TILLARI	0.00	5.64	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	6.68	40	0
RNGR+BHTSA	0.36	9.55	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.60	19.04	35	22
GHATGHAR	1.18	43.86	125	0
Total	2.82	108.87		
Wind				
Total	9.00	225.68	0	0
Total	9.00	225.68		
CPP				
APML(Mus)	49.82	1325.99	0	0
JSWEL(Mus)	11.81	311.24	0	0
VIPL(Mus)	7.21	312.84	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	3.99	107.79	0	0
Other(Mus)	9.00	255.93	0	0
Total	81.83	2313.78		
SOLAR				
Total	1.24	33.90	0	0
Total	1.24	33.90		
Tata				
Trombay 5	9.16	258.66	468	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.02	68.80	115	63
Trombay 7B	1.35	41.83	68	48
Trombay 8	5.34	54.56	251	199
TATA Hydro	3.99	116.50	403	13
Total	21.86	540.35		
R-INFRA				
1-2	10.50	293.23	509	384
Total	10.50	293.23		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Koradi 10	11.27	48.75	MSPGCL Thermal	131.85	3819.75	MSPGCL Total	158.23	4646.47
			MSPGCL Thml+Gas	142.79	4096.03	Koyna 1,2 & 4 Total	10.55	364.37
			MSPGCL Hydro	15.44	550.43	State Total	285.69	8086.51

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/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	4963	94	465	5522	732	3165	0	0	3641	3427	-617	12229	0	12229	1637	13866	49.98
2	5051	79	475	5605	781	3162	0	0	3559	3034	-481	12101	0	12101	1497	13598	49.99
3	4937	78	467	5482	761	3161	0	0	3323	3306	-410	12300	0	12300	1428	13728	49.98
4	4904	93	476	5473	754	3167	0	0	3042	3314	-369	12339	0	12339	1386	13725	49.98
5	4891	83	476	5450	721	3163	31	0	3352	3759	-383	12741	0	12741	1400	14141	49.98
6	5022	93	476	5591	593	3297	83	0	4660	4445	-459	13550	0	13550	1474	15024	50.01
7	5794	93	478	6365	514	3537	173	0	5324	5138	-547	15179	0	15179	1603	16782	49.98
8	5925	838	469	7232	530	3553	222	7	5453	5580	-475	16648	0	16648	1780	18428	49.97
9	6001	1232	474	7707	464	3553	232	60	5799	5743	-665	17093	0	17093	2153	19246	49.97
10	6053	1451	467	7971	438	3575	232	122	5954	5785	-640	17483	0	17483	2316	19799	49.94
11	6056	1620	440	8116	356	3550	232	159	5984	5916	-883	17446	0	17446	2580	20026	49.99
12	5932	1667	441	8040	279	3549	233	180	6073	6155	-915	17521	0	17521	2615	20136	49.98
13	5863	1289	440	7592	176	3558	232	187	6143	5990	-848	16887	0	16887	2583	19470	49.96
14	5699	1241	418	7358	117	3534	232	178	6131	6203	-719	16903	0	16903	2446	19349	49.99
15	5717	1231	420	7368	95	3567	233	154	6119	6280	-730	16967	0	16967	2457	19424	49.98
16	5637	1319	442	7398	70	3563	232	115	6097	6074	-721	16731	0	16731	2470	19201	49.97
17	5724	1250	425	7399	44	3536	232	64	5910	5813	-729	16359	0	16359	2472	18831	49.85
18	5799	560	444	6803	91	3504	232	11	5418	5078	-930	14789	0	14789	2481	17270	50.03
19	5716	273	444	6433	147	3534	186	0	5275	5394	-1078	14616	0	14616	2532	17148	49.97
20	5461	225	450	6136	274	3528	17	0	5492	5306	-1102	14158	0	14158	2482	16640	49.99
21	5242	167	453	5862	273	3407	0	0	5116	5139	-1169	13512	0	13512	2347	15859	49.97
22	5130	146	465	5741	233	3335	0	0	4464	4194	-1077	12426	0	12426	2144	14570	50.00
23	5154	89	463	5706	259	3180	0	0	4051	3617	-961	11801	0	11801	1973	13774	49.96
24	5178	227	471	5876	301	3157	0	0	3555	3214	-808	11740	0	11740	1822	13562	49.99
MUs	131.85	15.44	10.94	158.23	9.00	81.83	3.03	1.24	119.94	117.90	-17.72	353.52	0.00	353.52	50.08	403.59	49.98

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 28/Dec/2016

Position as on 6.30 Hrs of 29/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 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	
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 28/Dec/2016

Position as on 6.30 Hrs of 29/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	
MSPGCL	Ghatghar Unit-1	125	25/12/2016	21.00	28/12/2016	23.10	Generator Air Cooler Leakage	
MSPGCL	Chandrapur Unit-8	500	26/12/2016	18.31	28/12/2016	23.21	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 4	210	27/12/2016	09.39		Continued.	Boiler Tube Leakage	
PGPL	PGPL U1	262	27/12/2016	19.14	28/12/2016	04.00	no schedule.	
PGPL	PGPL U2	126	27/12/2016	19.15	28/12/2016	05.00	no schedule.	
MSPGCL	Khaparkhedda Unit 4	210	28/12/2016	12.22		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit-8	500	29/12/2016	04.22		Continued.	Electrical fault.	
MSPGCL	Koradi Unit 10	660	29/12/2016	04.54		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 28/Dec/2016

Statement-VII

Position as on 6.30 Hrs of 29/Dec/2016

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 I	InterState	27/12/2016	19.10	28/12/2016	06.48	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	28/12/2016	17.32		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	27/12/2016	16.06	28/12/2016	09.40	HT	Over Voltage
Karad - Jaigad - II	IntraState	27/12/2016	16.08	28/12/2016	09.41	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	27/12/2016	17.08	28/12/2016	06.47	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	27/12/2016	17.09	28/12/2016	07.39	HT	Over Voltage
Padghe - Kalwa-II	IntraState	28/12/2016	07.01	28/12/2016	08.36	PO	PMU connection work.
Kalwa - Talegaon(PG)	IntraState	28/12/2016	15.32	28/12/2016	16.39	PO	CODE:2612 PMU comissioning work.
karad -kolhapur-II	IntraState	28/12/2016	16.39		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	28/12/2016	16.42		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	28/12/2016	17.09		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	28/12/2016	20.57		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 kV 315 MVA ICT-I @Chandrapur	IntraState	21/12/2016	16.31	28/12/2016	15.36	EO	Oil leakage on bushing.
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.
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	28/12/2016	16.00	PO	Construction Work.
Vita - Mhaishal	IntraState	28/12/2016	09.30	28/12/2016	13.07	PO	To attend Hot Spot
Bapgaon - Kalwa	IntraState	28/12/2016	10.18	28/12/2016	19.49	PO	Testing Work
Chalisingaon -Babhaleshwar	IntraState	28/12/2016	11.18	28/12/2016	15.36	PO	Line Maintenance work
Oni Kharepatan Line	IntraState	28/12/2016	11.59	28/12/2016	12.21	T	Distance Protection
Kalmeshwar-Kalmeshwar Rly Tss 1	IntraState	28/12/2016	19.46	28/12/2016	22.55	PO	Problem in Y-PH CT.
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 200 MVA ICT IV @Padghe	IntraState	27/12/2016	17.30		Continued.	PO	Testing Work
220/132 Kv 150 Mva Emco Ict 1 @Ambazari	IntraState	28/12/2016	11.11	28/12/2016	11.42	PO	Led B/B switching panel commissioning work.
220/132 Kv 200 MVA ICT III @Ambazari	IntraState	28/12/2016	11.44	28/12/2016	12.13	PO	Led B/B switching panel commissioning work.
220/132 Kv 200 Mva Emco Ict 2 @Ambazari	IntraState	28/12/2016	12.15	28/12/2016	13.18	PO	Led B/B switching panel commissioning work.
132 KV LINE Outages/Trippings							
Daund-Alegaon	IntraState	25/12/2016	07.30		Continued.	PO	CONSTRUCTION WORK.
Paranda - Kallamb	IntraState	28/12/2016	16.55	28/12/2016	17.15	T	Attending Oil Leakage

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