

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Dec/2016 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	127.572	1061.103	1) Gujrat	-5.766	-23.979
2) Hydro	23.956	188.478	2) Madhya Pradesh	6.349	55.213
3) Gas	10.898	85.365	3) Chattisgarh	8.290	62.560
Total MSPGCL	162.426	1334.946	4) Maharashtra Net	117.329	885.402
B) 1) APML	53.723	413.974	5) Goa (Amona)	-0.638	-5.320
2) JSWEL	11.586	90.254	Total	125.564	973.876
3) VIPL	12.879	98.038	a) Mumbai Schedule	22.823	168.461
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	23.319	183.696
5) WPCL	4.023	32.714	c) MSEDCL Bilateral *	19.218	147.273
6) PGPL	2.855	7.652	Include PX	0.304	0.963
7) Other IPP	9.227	71.555	d) Mumbai Bilateral *	22.823	168.461
C) 1) TPCL Thermal	9.835	92.123	Include PX	4.292	24.663
2) TPCL Hydro	5.118	36.417	Include Standby	0.000	0.000
3) TPCL Gas	4.366	33.269	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.180	84.668	1) MSEDCL	365.356	2927.543
D) STATE			2) Mumbai Discoms	53.818	430.170
1) Thermal	240.025	1944.429	TOTAL STATE	419.174	3357.713
(A1+C1+C4+(B1-B6))					
2) Hydro	29.074	224.895			
(A2+C2)					
3) Gas	18.119	126.286			
(A3+B6+C3)					
4) Wind	5.141	78.962			
6) SOLAR	1.251	9.268			
TOTAL STATE	293.610	2383.840			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 14 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5554	5372	5630	4797
MSPGCL Hydro	1911	1623	1635	151
MSPGCL Gas	454	441	435	475
MSPGCL Total Generation	7919	7436	7700	5423
Central Sector Receipt	5950	5872	5296	4053
WIND	164	31	89	580
CPP / IPP Thermal	4038	3991	3985	3270
CPP / IPP Gas	230	231	197	0
SOLAR	134	179	0	0
Exchange with Mumbai	-972	-1121	-1129	-716
MSEDCL DEMAND MET	17463	16619	16138	12610
Load Shedding	135	212	0	0
MSEDCL DEMAND	17598	16831	16138	12610
TPCL GENERATION	989	997	1034	497
R-INFRA GENERATION	506	508	509	385
MUMBAI DEMAND	2467	2626	2672	1598
STATE DEMAND MET	19930	19245	18810	14208
STATE DEMAND	20065	19457	18810	14208
Frequency (Hz)	49.88	49.98	49.98	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 13.02 Hrs	49.75 Hz at 16.45 Hrs	49.95	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 08/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	0.06	0.06	36	0
Unit 8	11.92	100.28	530	480
Unit 9	8.54	74.52	358	351
Total	20.52	174.87		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.66	79.27	500	355
Unit 5	10.62	80.16	500	370
Total	21.28	159.42		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.24	41.42	243	195
Unit 7	5.14	40.78	230	191
Unit 8	0.00	0.00	0	0
Total	10.38	82.20		
Chandrapur				
Unit 3	2.20	23.98	190	0
Unit 4	4.52	35.32	199	173
Unit 5	10.21	74.62	455	363
Unit 6	0.00	32.20	0	0
Unit 7	9.59	75.51	420	362
Unit 8	0.10	39.51	84	0
Unit 9	5.73	37.24	470	0
Total	32.35	318.38		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.52	42.95	250	192
Total	5.52	42.95		
Khaparkheda				
Unit 1	4.29	24.66	195	155
Unit 2	4.34	34.16	200	160
Unit 3	4.49	35.08	200	161
Unit 4	4.37	34.09	195	160
Unit 5	11.09	87.06	500	380
Total	28.59	215.04		
Nasik				
Unit 3	4.44	34.12	200	165
Unit 4	0.00	14.13	0	0
Unit 5	4.49	19.99	203	163
Total	8.93	68.24		
Uran				
All Units	10.90	85.36	475	421
Total	10.90	85.36		
PGPL				
Unit 1	1.78	4.82	143	0
Unit 2	1.08	2.83	90	0
Total	2.86	7.65		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.25	1.86	37	0
Total	0.25	1.86		
Koyna				
Stage 1-2	6.94	51.94	555	40
Stage 4	9.28	76.48	730	0
Stage 3	3.43	27.41	240	0
Total	19.66	155.84		
Hydro				
KDPH	0.44	4.42	19	18
VTRNA	0.45	3.33	60	0
TILLARI	0.36	2.99	64	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.33	1.95	80	0
RNGR+BHTSA	0.37	2.62	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.68	4.72	39	25
GHATGHAR	1.67	12.62	250	0
Total	4.30	32.64		
Wind				
Total	5.14	78.96	0	0
Total	5.14	78.96		
CPP				
APML(Mus)	53.72	413.97	0	0
JSWEL(Mus)	11.59	90.25	0	0
VIPL(Mus)	12.88	98.04	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.02	32.71	0	0
Other(Mus)	9.23	71.56	0	0
Total	91.44	706.54		
SOLAR				
Total	1.25	9.27	0	0
Total	1.25	9.27		
Tata				
Trombay 5	9.84	76.72	464	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	20.93	116	114
Trombay 7B	1.61	12.34	68	66
Trombay 8	0.00	15.40	0	0
TATA Hydro	5.12	36.42	445	13
Total	19.32	161.81		
R-INFRA				
1-2	11.18	84.67	509	384
Total	11.18	84.67		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Koradi 10	0.00	0.00	MSPGCL Thermal	127.57	1061.10	MSPGCL Total	162.43	1334.95
			MSPGCL Thml+Gas	138.47	1146.47	Koyna 1,2 & 4 Total	16.23	128.42
			MSPGCL Hydro	23.96	188.48	State Total	293.61	2383.84

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/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	4916	106	471	5493	645	3341	0	0	4451	4169	-950	12698	0	12698	1830	14528	49.95
2	4800	256	463	5519	611	3294	0	0	3948	3971	-823	12572	0	12572	1705	14277	49.98
3	4797	151	475	5423	580	3270	0	0	4061	4053	-716	12610	0	12610	1598	14208	49.99
4	4814	106	463	5383	526	3288	0	0	4070	4212	-638	12771	0	12771	1537	14308	49.96
5	4838	101	474	5413	429	3344	26	0	4492	4538	-632	13118	0	13118	1537	14655	49.96
6	5235	106	464	5805	391	3562	78	0	4950	4944	-741	14039	0	14039	1635	15674	49.94
7	5661	549	475	6685	392	3740	91	0	5312	5170	-771	15307	0	15307	1859	17166	49.95
8	5596	1819	462	7877	346	3984	122	16	5239	5437	-626	17156	32	17188	1958	19146	49.89
9	5638	1834	472	7944	216	4017	230	69	5383	5550	-884	17142	150	17292	2281	19573	49.92
10	5554	1911	454	7919	164	4038	230	134	5426	5950	-972	17463	135	17598	2467	20065	49.88
11	5159	1611	447	7217	125	4032	231	169	5541	5425	-1189	16010	236	16246	2738	18984	49.95
12	5176	1765	449	7390	58	4026	231	184	5661	5746	-1217	16418	136	16554	2759	19313	49.93
13	5383	1539	436	7358	28	4009	231	183	5833	5852	-1161	16500	221	16721	2720	19441	49.93
14	5372	1623	441	7436	31	3991	231	179	5660	5872	-1121	16619	212	16831	2626	19457	49.98
15	5337	1668	421	7426	28	4020	231	148	5561	5767	-1095	16525	184	16709	2649	19358	49.90
16	5358	1678	434	7470	30	3999	231	109	5819	5637	-1116	16360	121	16481	2652	19133	49.94
17	5367	1673	439	7479	36	3998	230	53	5710	5746	-1047	16495	124	16619	2638	19257	49.89
18	5504	1519	439	7462	57	3999	230	7	5589	5279	-1036	15998	156	16154	2622	18776	49.89
19	5630	1635	435	7700	89	3985	197	0	5597	5296	-1129	16138	0	16138	2672	18810	49.98
20	5745	1192	459	7396	95	3999	35	0	5711	5525	-1084	15966	0	15966	2570	18536	49.99
21	5785	458	447	6690	68	4014	0	0	5725	5539	-1067	15244	0	15244	2432	17676	49.95
22	5766	345	463	6574	42	3997	0	0	5639	5246	-1053	14806	0	14806	2275	17081	50.00
23	5280	133	458	5871	49	3862	0	0	5498	5457	-1198	14041	0	14041	2123	16164	49.96
24	4861	178	457	5496	105	3626	0	0	5345	5183	-1053	13357	0	13357	1935	15292	50.00
MUs	127.57	23.96	10.90	162.43	5.14	91.44	2.86	1.25	126.22	125.56	-23.32	365.36	1.71	367.06	53.82	420.88	49.95

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 08/Dec/2016

Position as on 6.30 Hrs of 09/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	
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	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14:55		Continued.	Water Shortage	
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	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	Koyana 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	Koradi Unit 7	210	18/11/2016	01.17	08/12/2016	21.38	Zero Schedule.	
MSPGCL	Parli Unit 8	250	18/11/2016	16.23		Continued.	w/dn for balance work.	
MSPGCL	Koradi Unit 10	660	30/11/2016	05.05		Continued.	Loss of fuel	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 08/Dec/2016

Position as on 6.30 Hrs of 09/Dec/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	JSW (J) U2	300	01/12/2016	00.00		Continued.	No Schedule.	
TPC_G	Trombay 8	250	03/12/2016	23.43		Continued.	Boiler Recertification & LP Turbine Inspection.	
MSPGCL	Nasik Unit 4	210	04/12/2016	11.35		Continued.	to attend the stuck problem of HPCV -2. Converted to zero schedule from 07.12.2016 at 11:30 Hrs	
MSPGCL	Chandrapur Unit-8	500	04/12/2016	20.11	08/12/2016	22.47	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 3	210	06/12/2016	09.25	08/12/2016	07.54	Boiler feed pump CB hashover.	
MSPGCL	Chandrapur Unit 6	500	06/12/2016	22.34		Continued.	Boiler Tube Leakage	
PGPL	PGPL U1	262	07/12/2016	19.29	08/12/2016	3.59	No Schedule	
PGPL	PGPL U2	126	07/12/2016	19.30	08/12/2016	05.04	No Schedule	
MSPGCL	Chandrapur Unit 9	500	08/12/2016	09.53	08/12/2016	17.18	Drum level low	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Dec/2016

Statement-VII

Position as on 6.30 Hrs of 09/Dec/2016

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							
Ektuni-Akola II Ckt 2	IntraState	08/12/2016	12.55	08/12/2016	13.19	PO	For Taking Line Reactor Out @ Ektuni End.
Ektuni-Akola II Ckt 2	IntraState	08/12/2016	14.37	08/12/2016	16.51	PO	Taking Line Reactor Out @ Ektuni End.
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar II	InterState	07/12/2016	18.44	08/12/2016	06.45	HT	Over Voltage
Akola Aurangabad(PG) II	InterState	08/12/2016	11.47	08/12/2016	16.32	PO	Jumper Tightening Work,Q.M.
Dabhol Nagothane II	InterState	08/12/2016	11.56	08/12/2016	16.09	T	Distance Protection
Dhule Sar'Sarovar II	InterState	08/12/2016	19.27		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	09/10/2016	12.29		Continued.	HT	Hot Spot on Isolator(RFC from 17.36HrsDt.10-10-2016)
Karad - Jaigad - II	IntraState	07/12/2016	20.17	08/12/2016	10.59	HT	Over Voltage
karad -kolhapur-I	IntraState	07/12/2016	20.22	08/12/2016	09.14	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	08/12/2016	06.06	08/12/2016	06.45	T	Distance Protection
Karad-Jaigad - I	IntraState	08/12/2016	18.36		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	08/12/2016	19.48		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 MVA ICT-II @Lonikand 2	IntraState	08/12/2016	11.04	08/12/2016	18.24	PO	Bay Maintenance Work.
220 KV LINE Outages/Trippings							
Tillari Amona	InterState	08/12/2016	13.55	08/12/2016	18.33	PO	Maintenance 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.
Bableshwar- Ranjangaon	IntraState	06/06/2016	07.22		Continued.	HT	Hand Tripped for Ranjangaon End.
Bableshwar -Bhenda	IntraState	24/10/2016	06.57		Continued.	HT	Alephata line loading.
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.
chandrapur-Tadali	IntraState	06/12/2016	14.34		Continued.	HT	Heavy sparking isolator.
Pusad-WardhaPG(Deoli)	IntraState	08/12/2016	03.12	08/12/2016	03.47	T	Distance Protection
Chalisgaon - Deepnagar	IntraState	08/12/2016	09.18	08/12/2016	11.57	PO	Measurement of Tandelta of CT.
Bus Coupler @ Kalwa	IntraState	08/12/2016	09.28	08/12/2016	12.40	PO	Isolator Maintenance WORK.
Lonikand (400 Kv)-Theur li	IntraState	08/12/2016	09.38	08/12/2016	18.44	PO	Providing Addition Jumper @ Cut Point Location.
Baramati- Kalyani	IntraState	08/12/2016	10.12		Continued.	PO	Attending Hot Spot
Nanded-Parbhani	IntraState	08/12/2016	11.54	08/12/2016	15.39	HT	In View of Outage on Nanded-Kumbhargao.
Warora - Warora Rly Tss 2	IntraState	08/12/2016	13.17	08/12/2016	18.51	PO	Retrofitting of Back up Relay.
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 200 MVA ICT-IV@Kalwa	IntraState	08/12/2016	16.19	08/12/2016	17.01	PO	Attending Oil Leakage

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