

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 12/Oct/2016 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	99.745	1068.431	1) Gujrat	8.890	78.359
2) Hydro	10.801	82.384	2) Madhya Pradesh	9.419	133.419
3) Gas	10.637	117.772	3) Chattisgarh	7.110	84.420
Total MSPGCL	121.183	1268.587	4) Maharashtra Net	80.509	975.685
B) 1) APML	62.411	731.939	5) Goa (Amona)	-0.640	-8.152
2) JSWEL	19.195	244.164	Total	105.288	1263.731
3) VIPL	11.120	129.907	a) Mumbai Schedule	17.801	221.862
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	25.655	308.197
5) WPCL	4.453	41.985	c) MSEDCL Bilateral *	21.330	257.983
6) PGPL	0.000	0.000	Include PX	-3.790	-67.452
7) Other IPP	2.558	31.439	d) Mumbai Bilateral *	17.801	221.862
C) 1) TPCL Thermal	13.617	158.733	Include PX	0.642	3.095
2) TPCL Hydro	5.123	36.258	Include Standby	0.000	0.000
3) TPCL Gas	4.451	52.707	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.834	114.821	1) MSEDCL	305.804	3571.913
D) STATE			2) Mumbai Discoms	58.680	670.728
1) Thermal	222.933	2521.419	TOTAL STATE	364.484	4242.641
(A1+C1+C4+(B1-B6))					
2) Hydro	15.924	118.642			
(A2+C2)					
3) Gas	15.088	170.479			
(A3+B6+C3)					
4) Wind	3.912	157.016			
6) SOLAR	1.339	11.342			
TOTAL STATE	259.196	2978.898			

* 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 18 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4437	4343	4389	3915
MSPGCL Hydro	807	348	1959	60
MSPGCL Gas	435	417	433	449
MSPGCL Total Generation	5679	5108	6781	4424
Central Sector Receipt	4955	5045	4868	2399
WIND	85	161	162	233
CPP / IPP Thermal	4304	4459	4507	3684
CPP / IPP Gas	0	0	0	0
SOLAR	154	14	0	0
Exchange with Mumbai	-1202	-1190	-998	-767
MSEDCL DEMAND MET	13975	13597	15320	9973
Load Shedding	0	0	0	0
MSEDCL DEMAND	13975	13597	15320	9973
TPCL GENERATION	1085	1170	1289	694
R-INFRA GENERATION	385	386	508	386
MUMBAI DEMAND	2672	2746	2795	1847
STATE DEMAND MET	16647	16343	18115	11820
STATE DEMAND	16647	16343	18115	11820
Frequency (Hz)	49.93	49.97	50.00	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18.00 Hrs	49.81 Hz at 10.19 Hrs	49.97	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 12/Oct/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	0.00	0	0
Unit 8	11.82	116.84	530	459
Total	11.82	116.84		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	3.63	30.86	192	0
Unit 4	4.22	36.11	187	162
Unit 5	9.32	108.02	410	360
Unit 6	9.97	109.68	450	365
Unit 7	9.00	106.28	397	347
Unit 8	10.36	108.74	500	366
Total	46.49	499.69		
Paras				
Unit 3	5.53	58.90	256	191
Unit 4	5.53	58.74	260	187
Total	11.06	117.64		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.00	18.33	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.44	118.33	500	360
Total	10.44	136.66		
Nasik				
Unit 3	4.17	21.66	200	160
Unit 4	4.16	49.46	204	163
Unit 5	0.00	27.27	0	0
Total	8.32	98.39		
Uran				
All Units	10.64	117.77	460	416
Total	10.64	117.77		
PGPL				
Unit 1	0.00	0.00	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	1.06	8.44	48	40
Total	1.06	8.44		
Koyna				
Stage 1-2	3.39	30.80	450	40
Stage 4	4.26	12.21	1000	0
Stage 3	1.86	11.23	240	0
Total	9.52	54.23		
Hydro				
KDPH	0.00	5.41	0	0
VTRNA	0.00	4.81	0	0
TILLARI	0.38	3.66	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	3.24	40	0
RNGR+BHTSA	0.00	1.30	0	0
BHANDARDRA	0.00	1.12	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.35	5.42	15	14
GHATGHAR	0.34	3.20	250	0
Total	1.29	28.15		
Wind				
Total	3.91	157.02	0	0
Total	3.91	157.02		
CPP				
APML(Mus)	62.41	731.94	0	0
JSWEL(Mus)	19.20	244.16	0	0
VIPL(Mus)	11.12	129.91	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.45	41.98	0	0
Other(Mus)	2.56	31.44	0	0
Total	99.74	1179.43		
SOLAR				
Total	1.34	11.34	0	0
Total	1.34	11.34		
Tata				
Trombay 5	8.59	98.24	484	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.82	33.36	120	115
Trombay 7B	1.63	19.34	69	66
Trombay 8	5.02	60.49	246	199
TATA Hydro	5.12	36.26	459	4
Total	23.19	247.70		
R-INFRA				
1-2	9.83	114.82	508	384
Total	9.83	114.82		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	4.89	41.03
Koradi 9	6.73	58.18
Koradi 10	0.00	0.00
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	99.74	1068.43
MSPGCL Thml+Gas	110.38	1186.20
MSPGCL Hydro	10.80	82.38

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	121.18	1268.59
Koyna 1,2 & 4 Total	7.66	43.01
State Total	259.20	2978.90

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 12/Oct/2016

Annexure-2

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	3856	55	444	4355	246	3677	0	0	3195	3054	-1027	10305	0	10305	2108	12413	49.99
2	3885	60	447	4392	237	3667	0	0	2471	2648	-879	10065	0	10065	1960	12025	49.98
3	3915	60	449	4424	233	3684	0	0	2331	2399	-767	9973	0	9973	1847	11820	49.99
4	3919	60	447	4426	272	3684	0	0	2481	2501	-703	10180	0	10180	1784	11964	50.00
5	3913	60	458	4431	277	3669	0	0	2762	2772	-691	10459	0	10459	1771	12230	49.98
6	3925	55	450	4430	319	3667	0	0	3787	3350	-765	11000	0	11000	1845	12845	50.00
7	3910	105	448	4463	247	3683	0	1	4082	4425	-847	11972	0	11972	1933	13905	49.98
8	3966	540	458	4964	178	3796	0	34	4239	4615	-913	12674	0	12674	2063	14737	49.96
9	4030	772	444	5246	111	4020	0	89	4557	5113	-1084	13495	0	13495	2395	15890	49.95
10	4437	807	435	5679	85	4304	0	154	4956	4955	-1202	13975	0	13975	2672	16647	49.93
11	4336	472	438	5246	73	4334	0	156	5223	5176	-1376	13610	0	13610	2924	16534	49.90
12	4203	311	437	4951	34	4343	0	198	5134	5404	-1388	13543	0	13543	2950	16493	49.97
13	4219	220	425	4864	21	4341	0	188	5426	5292	-1391	13315	0	13315	2903	16218	49.99
14	4286	171	437	4894	31	4330	0	169	5186	5122	-1373	13174	0	13174	2810	15984	49.96
15	4336	159	416	4911	63	4332	0	148	5058	5288	-1352	13390	0	13390	2838	16228	49.95
16	4444	239	460	5143	99	4329	0	117	5040	5047	-1345	13390	0	13390	2816	16206	49.97
17	4320	304	451	5075	172	4347	0	71	5015	5101	-1279	13487	0	13487	2787	16274	49.94
18	4343	348	417	5108	161	4459	0	14	4859	5045	-1190	13597	0	13597	2746	16343	49.97
19	4367	1194	440	6001	168	4509	0	0	4802	5112	-1053	14737	0	14737	2816	17553	49.95
20	4389	1959	433	6781	162	4507	0	0	4822	4868	-998	15320	0	15320	2795	18115	50.00
21	4355	1348	454	6157	152	4519	0	0	4783	4524	-965	14387	0	14387	2661	17048	49.97
22	4208	937	447	5592	143	4536	0	0	4728	4707	-1004	13974	0	13974	2529	16503	49.99
23	4237	471	451	5159	202	4545	0	0	4499	4320	-988	13238	0	13238	2409	15647	49.96
24	3946	94	451	4491	226	4455	0	0	4519	4450	-1075	12547	0	12547	2318	14865	49.95
MUs	99.75	10.80	10.64	121.18	3.91	99.74	0.00	1.34	103.95	105.29	-25.65	305.80	0.00	305.80	58.68	364.48	49.97

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 12/Oct/2016

Position as on 6.30 Hrs of 13/Oct/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	
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 6	250	25/06/2015	15.03		Continued.	Water Shortage (Zero Schedule by MSEDCL at 21:51 Hrs on 30.09.2016)	
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.	
CPP	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	
IPP	RPL(AMT) U-5	270	24/05/2016	00.05		Continued.	Zero Schedule By MSEDCL.	
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	
MSPGCL	Koyna Unit 8	80	19/08/2016	11.00		Continued.	High Vibration On LGB & UGB.	
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	
IPP	RPL(AMT) U-2	270	12/09/2016	00.03		Continued.	Zero Schedule by MSEDCL	
PGPL	PGPL U2	126	14/09/2016	00.16		Continued.	Due To No Shedule.	
PGPL	PGPL U1	262	14/09/2016	00.20		Continued.	Due To No Shedule.	
IPP	RPL(AMT) U-1	270	14/09/2016	23.55		Continued.	Zero Schedule by MSEDCL	
IPP	RPL(AMT) U-4	270	15/09/2016	18.09		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Bhusawal Unit 4	500	15/09/2016	23.59		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Bhusawal Unit 3	210	16/09/2016	00.02		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Koradi Unit 7	210	16/09/2016	00.06		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Khaparkheda Unit 1	210	17/09/2016	13.39		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Khaparkheda Unit 2	210	17/09/2016	13.43		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Bhusawal Unit 5	500	17/09/2016	13.51		Continued.	Zero Schedule by MSEDCL	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 12/Oct/2016

Position as on 6.30 Hrs of 13/Oct/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 4	210	17/09/2016	20.48		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Parli Unit 7	250	22/09/2016	13.47		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Koyana Unit 11	80	24/09/2016	03.20		Continued.	Stator Earth Fault	
MSPGCL	Khaparkheda Unit 3	210	05/10/2016	20.56		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Nasik Unit 5	210	07/10/2016	16.30		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Chandrapur Unit 9	500	12/10/2016	10.29	12/10/2016	13.20	Drum level low	
MSPGCL	Chandrapur Unit 3	210	12/10/2016	21.08		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 13/Oct/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							
Kolhapur Solapur(PG) I	InterState	11/10/2016	00.53	12/10/2016	06.45	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	11/10/2016	23.06	12/10/2016	08.07	T	Over Voltage
karad -kolhapur-I	IntraState	17/09/2016	03.43	12/10/2016	09.00	T	Over Voltage,B Pole of Breaker Burst.RFC @1905 DT 20.09.2016.
Karad - Jaigad - II	IntraState	08/10/2016	17.20		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	08/10/2016	21.30		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	09/10/2016	12.29		Continued.	PO	Hot Spot on Isolator(RFC from 17.36HrsDt.10-10-2016)
Lonikand I - Koyrna stage-IV	IntraState	11/10/2016	22.46	12/10/2016	07.16	HT	Over Voltage
karad -kolhapur-II	IntraState	11/10/2016	23.37	12/10/2016	07.58	T	Over Voltage
Koradi-Khaperkheda li	IntraState	12/10/2016	08.54	12/10/2016	14.53	PO	Carrying Out Signature Test.
karad -kolhapur-II	IntraState	12/10/2016	17.23	12/10/2016	18.28	HT	Over Voltage
karad -kolhapur-I	IntraState	12/10/2016	18.29		Continued.	T	Due to Heavy Sparking on 29D Isolator.
Lonikand I - Koyrna stage-IV	IntraState	13/10/2016	01.05		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Talandage end) (QM work done from 13:05Hrs to 17:23Hrs on 5/10/2016)
Mudshingi - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Chikodi end)
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.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Bableshwar- Ranjangaon	IntraState	06/06/2016	07.22		Continued.	HT	Hand Tripped for Ranjangaon End.
Bableshwar- Alephata	IntraState	26/08/2016	20.54		Continued.	HT	Hand tripped.
Kalwa - Borivali	IntraState	28/09/2016	08.02		Continued.	PO	Balance tower erection work
Bhugaon-WardhaPG (Deoli)	IntraState	11/10/2016	14.34	13/10/2016	02.00	HT	B Phase Wave Trap Jumper Opened @ Bhugaon End.
Peth- Mudshingi -I	IntraState	12/10/2016	10.10	12/10/2016	12.28	PO	Quarterly Maintanance Work
Kharghar - Tss Panvel	IntraState	12/10/2016	13.06		Continued.	PO	Bunching Work & Height Raising of Towers for Cidco's Metro Rail Bridge Near Kharghar.
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)
220/132 Kv 200 Mva Vijai Ict 1 @Babhleshwar	IntraState	03/09/2016	14.45		Continued.	PO	Dismantling of ICT 1 &transfer to 220kv Amalner S/S.
220/132kv 100MVA ICT-1@ Amalner	IntraState	26/09/2016	09.30		Continued.	PO	Augmentation work.
132 KV LINE Outages/Trippings							
Killari Tap On Ujani-Omerga	IntraState	12/10/2016	12.23	12/10/2016	17.21	T	Distance Protection
Harnkul - Chakur	IntraState	12/10/2016	14.00	12/10/2016	14.09	T	Distance Protection

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