

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 11/Oct/2016 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	87.307	968.686	1) Gujrat	9.675	69.469
2) Hydro	4.455	71.583	2) Madhya Pradesh	10.967	124.000
3) Gas	10.597	107.135	3) Chattisgarh	6.690	77.310
Total MSPGCL	102.359	1147.404	4) Maharashtra Net	79.346	895.176
B) 1) APML	60.114	669.528	5) Goa (Amona)	-0.868	-7.512
2) JSWEL	19.608	224.969	Total	105.810	1158.443
3) VIPL	10.045	118.787	a) Mumbai Schedule	18.435	204.061
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	26.589	282.542
5) WPCL	4.181	37.532	c) MSEDCL Bilateral *	25.858	236.653
6) PGPL	0.000	0.000	Include PX	0.000	-63.663
7) Other IPP	2.447	28.881	d) Mumbai Bilateral *	18.435	204.061
C) 1) TPCL Thermal	12.341	145.116	Include PX	0.457	2.453
2) TPCL Hydro	0.189	31.135	Include Standby	0.000	0.000
3) TPCL Gas	4.383	48.256	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.258	104.987	1) MSEDCL	283.939	3266.109
D) STATE			2) Mumbai Discoms	52.761	612.048
1) Thermal	205.301	2298.486	TOTAL STATE	336.700	3878.157
(A1+C1+C4+(B1-B6))					
2) Hydro	4.644	102.718			
(A2+C2)					
3) Gas	14.980	155.391			
(A3+B6+C3)					
4) Wind	4.678	153.104			
6) SOLAR	1.286	10.003			
TOTAL STATE	230.889	2719.702			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	3542	3540	4045	3566
MSPGCL Hydro	236	96	316	103
MSPGCL Gas	449	424	442	445
MSPGCL Total Generation	4227	4060	4803	4114
Central Sector Receipt	5009	4594	4791	3378
WIND	106	60	177	289
CPP / IPP Thermal	4199	3774	4230	4085
CPP / IPP Gas	0	0	0	0
SOLAR	138	176	0	0
Exchange with Mumbai	-1168	-1285	-1332	-862
MSEDCL DEMAND MET	12512	11379	12669	11004
Load Shedding	0	0	0	0
MSEDCL DEMAND	12512	11379	12669	11004
TPCL GENERATION	698	697	722	695
R-INFRA GENERATION	386	386	386	387
MUMBAI DEMAND	2252	2368	2440	1944
STATE DEMAND MET	14764	13747	15109	12948
STATE DEMAND	14764	13747	15109	12948
Frequency (Hz)	50.01	49.98	50.02	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 18:01 Hrs	49.83 Hz at 18:12 Hrs	49.99	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 11/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	9.31	105.02	484	325
Total	9.31	105.02		
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	4.01	27.23	180	163
Unit 4	4.01	31.89	176	163
Unit 5	8.89	98.70	415	355
Unit 6	8.92	99.71	430	355
Unit 7	8.72	97.28	404	344
Unit 8	9.33	98.38	466	349
Total	43.89	453.20		
Paras				
Unit 3	4.81	53.37	225	188
Unit 4	4.79	53.22	233	188
Total	9.60	106.59		
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	9.07	107.90	455	360
Total	9.07	126.23		
Nasik				
Unit 3	3.97	17.48	175	155
Unit 4	3.96	45.31	170	161
Unit 5	0.00	27.27	0	0
Total	7.93	90.06		
Uran				
All Units	10.60	107.14	458	423
Total	10.60	107.14		
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)	0.98	7.38	49	27
Total	0.98	7.38		
Koyna				
Stage 1-2	1.86	27.40	300	40
Stage 4	0.07	7.95	66	0
Stage 3	0.71	9.37	154	0
Total	2.64	44.72		
Hydro				
KDPH	0.16	5.41	19	0
VTRNA	0.00	4.81	0	0
TILLARI	0.37	3.28	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.15	3.02	80	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	1.13	5.07	56	44
GHATGHAR	0.00	2.86	0	0
Total	1.81	26.87		
Wind				
Total	4.68	153.10	0	0
Total	4.68	153.10		
CPP				
APML(Mus)	60.11	669.53	0	0
JSWEL(Mus)	19.61	224.97	0	0
VIPL(Mus)	10.04	118.79	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.18	37.53	0	0
Other(Mus)	2.45	28.88	0	0
Total	96.40	1079.70		
SOLAR				
Total	1.29	10.00	0	0
Total	1.29	10.00		
Tata				
Trombay 5	7.51	89.65	316	311
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.77	30.54	120	115
Trombay 7B	1.61	17.72	69	66
Trombay 8	4.83	55.47	203	200
TATA Hydro	0.19	31.14	63	18
Total	16.91	224.51		
R-INFRA				
1-2	9.26	104.99	387	385
Total	9.26	104.99		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.80	36.14
Koradi 9	6.71	51.44
Koradi 10	0.00	0.00
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	87.31	968.69
MSPGCL Thml+Gas	97.90	1075.82
MSPGCL Hydro	4.46	71.58

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	102.36	1147.40
Koyna 1,2 & 4 Total	1.93	35.35
State Total	230.89	2719.70

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 11/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	3664	133	446	4243	335	4166	0	0	4383	4047	-1157	11634	0	11634	2237	13871	49.96
2	3587	193	456	4236	249	4147	0	0	3961	3916	-995	11552	0	11552	2075	13627	49.99
3	3566	103	445	4114	289	4085	0	0	4014	3378	-862	11004	0	11004	1944	12948	50.02
4	3469	113	447	4029	310	3941	0	0	4030	4269	-784	11766	0	11766	1864	13630	50.00
5	3462	123	450	4035	311	3855	0	0	4015	4290	-757	11734	0	11734	1839	13573	49.97
6	3686	363	455	4504	344	4000	0	0	4395	4652	-819	12681	0	12681	1902	14583	49.98
7	3809	109	451	4369	229	4232	0	1	5093	4775	-856	12750	0	12750	1934	14684	50.01
8	3489	119	441	4049	174	4223	0	32	5114	5238	-894	12823	0	12823	1976	14799	49.98
9	3503	135	438	4076	153	4208	0	85	4905	5036	-955	12603	0	12603	2073	14676	49.98
10	3542	236	449	4227	106	4199	0	138	4908	5009	-1168	12512	0	12512	2252	14764	50.01
11	3535	298	431	4264	68	4177	0	171	4987	4410	-1281	11809	0	11809	2362	14171	49.99
12	3530	231	435	4196	46	3933	0	179	4769	4524	-1343	11534	0	11534	2426	13960	49.98
13	3540	96	424	4060	60	3774	0	176	4457	4594	-1285	11379	0	11379	2368	13747	49.98
14	3539	94	435	4068	73	3755	0	170	4211	4388	-1213	11240	0	11240	2295	13535	50.04
15	3517	89	423	4029	110	3762	0	144	4190	4284	-1181	11147	0	11147	2262	13409	50.01
16	3524	89	458	4071	140	3759	0	115	4083	4246	-1159	11173	0	11173	2241	13414	50.00
17	3551	84	429	4064	228	3758	0	62	3943	4110	-1138	11084	0	11084	2219	13303	49.99
18	3600	106	429	4135	195	3804	0	13	4008	4344	-1119	11372	0	11372	2201	13573	50.00
19	3834	553	425	4812	202	4150	0	0	4448	4535	-1210	12489	0	12489	2328	14817	50.00
20	4045	316	442	4803	177	4230	0	0	4671	4791	-1332	12669	0	12669	2440	15109	50.02
21	3767	337	447	4551	145	4170	0	0	4431	4823	-1270	12419	0	12419	2418	14837	49.97
22	3830	274	447	4551	191	4159	0	0	4291	4570	-1284	12187	0	12187	2411	14598	49.97
23	3853	169	437	4459	269	4110	0	0	4319	3940	-1300	11478	0	11478	2383	13861	49.98
24	3865	92	457	4414	274	3796	0	0	3965	3642	-1227	10899	0	10899	2310	13209	50.02
MUs	87.31	4.46	10.60	102.36	4.68	96.39	0.00	1.29	105.59	105.81	-26.59	283.94	0.00	283.94	52.76	336.70	49.99

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 11/Oct/2016

Position as on 6.30 Hrs of 12/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 11/Oct/2016

Position as on 6.30 Hrs of 12/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	09/10/2016	10.37	11/10/2016	19.56	Coal Shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 12/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	02.58	11/10/2016	06.53	T	Over Voltage
Kolhapur Solapur (PG) II	InterState	11/10/2016	23.06		Continued.	T	Over Voltage
karad -kolhapur-I	IntraState	17/09/2016	03.43		Continued.	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 - Koyna stage-IV	IntraState	11/10/2016	03.03	11/10/2016	07.25	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	11/10/2016	08.20	11/10/2016	17.57	PO	Replacement of Disc Insulators Under LE Scheme.
Lonikand I - Koyna stage-IV	IntraState	11/10/2016	22.46		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	11/10/2016	23.37		Continued.	T	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT-II @Waluj	IntraState	11/10/2016	10.40	11/10/2016	13.12	PO	Attending Hot Spot
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		Continued.	HT	B Phase Wave Trap Jumper Opened @ Bhugaon End.
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.
220/132 Kv 100 Mva Ict 1 @Tuljapur	IntraState	11/10/2016	09.08	11/10/2016	11.42	PO	Quarterly Maintainance Work
132 KV LINE Outages/Trippings							
Paras-Warwat Bakal	IntraState	11/10/2016	07.58	11/10/2016	08.26	T	Distance Protection
Pbn-li - Jintoor	IntraState	11/10/2016	12.25	11/10/2016	15.49	T	Distance Protection
Padegaon - Sawangi	IntraState	11/10/2016	12.50	11/10/2016	13.07	T	Distance Protection

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