

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Oct/2016 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	105.155	1368.635	1) Gujrat	2.050	92.344
2) Hydro	13.317	118.920	2) Madhya Pradesh	13.074	169.839
3) Gas	10.221	149.305	3) Chattisgarh	7.110	106.520
Total MSPGCL	128.693	1636.860	4) Maharashtra Net	96.160	1255.552
B) 1) APML	66.222	930.604	5) Goa (Amona)	-0.766	-10.340
2) JSWEL	19.538	304.532	Total	117.628	1613.915
3) VIPL	13.026	169.176	a) Mumbai Schedule	22.079	288.531
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.407	380.573
5) WPCL	5.168	57.337	c) MSEDCL Bilateral *	26.635	340.014
6) PGPL	0.000	0.000	Include PX	-2.285	-74.008
7) Other IPP	3.060	40.222	d) Mumbai Bilateral *	22.079	288.531
C) 1) TPCL Thermal	15.977	205.832	Include PX	0.487	5.341
2) TPCL Hydro	5.192	51.665	Include Standby	0.000	0.000
3) TPCL Gas	4.410	66.036	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.247	147.855	1) MSEDCL	335.625	4553.852
D) STATE			2) Mumbai Discoms	59.233	851.973
1) Thermal	239.393	3224.193	TOTAL STATE	394.858	5405.825
(A1+C1+C4+(B1-B6))					
2) Hydro	18.509	170.585			
(A2+C2)					
3) Gas	14.631	215.341			
(A3+B6+C3)					
4) Wind	3.352	166.381			
6) SOLAR	1.345	15.398			
TOTAL STATE	277.230	3791.898			

* 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 4 Hrs
MSPGCL Thermal	4424	4676	4891	3739
MSPGCL Hydro	1035	819	1824	86
MSPGCL Gas	443	439	449	450
MSPGCL Total Generation	5902	5934	7164	4275
Central Sector Receipt	5377	5039	5232	4270
WIND	72	186	204	135
CPP / IPP Thermal	4517	4540	4533	4244
CPP / IPP Gas	0	0	0	0
SOLAR	138	10	0	0
Exchange with Mumbai	-1021	-1004	-1055	-683
MSEDCL DEMAND MET	14985	14705	16078	12242
Load Shedding	0	0	0	0
MSEDCL DEMAND	14985	14705	16078	12242
TPCL GENERATION	1172	1307	1312	699
R-INFRA GENERATION	504	506	505	385
MUMBAI DEMAND	2697	2817	2872	1767
STATE DEMAND MET	17682	17522	18950	14009
STATE DEMAND	17682	17522	18950	14009
Frequency (Hz)	49.99	49.96	49.98	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 06.01 Hrs	49.81 Hz at 18.08 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 15/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	9.90	148.21	430	400
Total	9.90	148.21		
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	0.00	30.86	0	0
Unit 4	4.31	49.02	186	165
Unit 5	10.00	137.48	460	365
Unit 6	10.27	140.47	465	370
Unit 7	9.63	134.48	428	345
Unit 8	11.17	140.95	500	397
Total	45.40	633.27		
Paras				
Unit 3	5.45	75.27	250	184
Unit 4	5.70	75.79	259	184
Total	11.14	151.06		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	2.54	20.87	204	0
Unit 4	1.84	1.84	170	0
Unit 5	11.30	152.05	500	360
Total	15.68	174.76		
Nasik				
Unit 3	4.44	34.87	205	165
Unit 4	4.58	62.92	208	163
Unit 5	0.00	27.27	0	0
Total	9.02	125.06		
Uran				
All Units	10.22	149.30	463	284
Total	10.22	149.30		
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)	0.87	11.47	53	20
Total	0.87	11.47		
Koyna				
Stage 1-2	3.82	42.56	465	40
Stage 4	5.00	25.96	923	0
Stage 3	2.36	17.05	240	0
Total	11.18	85.57		
Hydro				
KDPH	0.00	5.41	0	0
VTRNA	0.00	4.81	0	0
TILLARI	0.22	4.61	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.32	4.19	80	0
RNGR+BHTSA	0.36	1.66	15	14
BHANDARDRA	0.18	1.46	15	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.25	6.23	20	7
GHATGHAR	0.82	4.98	240	0
Total	2.14	33.35		
Wind				
Total	3.35	166.38	0	0
Total	3.35	166.38		
CPP				
APML(Mus)	66.22	930.60	0	0
JSWEL(Mus)	19.54	304.53	0	0
VIPL(Mus)	13.03	169.18	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	5.17	57.34	0	0
Other(Mus)	3.06	40.22	0	0
Total	107.01	1501.87		
SOLAR				
Total	1.34	15.40	0	0
Total	1.34	15.40		
Tata				
Trombay 5	10.42	128.64	487	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	41.83	120	114
Trombay 7B	1.61	24.20	69	66
Trombay 8	5.55	77.20	248	199
TATA Hydro	5.19	51.66	459	2
Total	25.58	323.53		
R-INFRA				
1-2	11.25	147.86	510	385
Total	11.25	147.86		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	5.02	55.61
Koradi 9	9.00	80.66
Koradi 10	0.00	0.00
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	105.16	1368.64
MSPGCL Thml+Gas	115.38	1517.94
MSPGCL Hydro	13.32	118.92

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	128.69	1636.86
Koyna 1,2 & 4 Total	8.81	68.51
State Total	277.23	3791.90

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/Oct/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	3831	77	455	4363	158	4354	0	0	4537	4645	-1107	12413	0	12413	2189	14602	49.98
2	3745	77	450	4272	169	4250	0	0	4285	4507	-858	12340	0	12340	1942	14282	49.98
3	3740	86	452	4278	154	4244	0	0	4159	4344	-751	12269	0	12269	1836	14105	49.96
4	3739	86	450	4275	135	4244	0	0	4162	4270	-683	12242	0	12242	1767	14009	49.98
5	3724	76	463	4263	115	4250	0	0	4203	4492	-672	12448	0	12448	1761	14209	49.97
6	4037	76	450	4563	114	4360	0	0	4594	4630	-761	12906	0	12906	1878	14784	49.96
7	4273	317	453	5043	107	4518	0	1	4700	4615	-588	13696	0	13696	1939	15635	49.97
8	4409	591	463	5463	111	4512	0	42	4710	4721	-662	14186	0	14186	2091	16277	50.00
9	4436	806	454	5696	95	4511	0	91	4809	5120	-735	14778	0	14778	2288	17066	49.98
10	4424	1035	443	5902	72	4517	0	138	4912	5377	-1021	14985	0	14985	2697	17682	49.99
11	4427	717	432	5576	72	4505	0	183	4999	5158	-1014	14480	0	14480	2828	17308	49.99
12	4460	357	420	5237	56	4528	0	179	5082	5346	-1061	14285	0	14285	2938	17223	49.96
13	4470	347	403	5220	65	4516	0	195	5036	5083	-1088	13991	0	13991	2940	16931	49.98
14	4498	328	284	5110	74	4530	0	183	4998	5114	-977	14034	0	14034	2848	16882	49.95
15	4601	563	318	5482	82	4549	0	150	4994	5023	-1049	14237	0	14237	2884	17121	49.92
16	4568	582	361	5511	95	4538	0	112	5084	5017	-1093	14180	0	14180	2907	17087	49.96
17	4641	563	422	5626	122	4552	0	61	5075	5045	-1048	14358	0	14358	2886	17244	49.95
18	4676	819	439	5934	186	4540	0	10	5054	5039	-1004	14705	0	14705	2817	17522	49.96
19	4722	1825	425	6972	237	4520	0	0	5088	5080	-1023	15787	0	15787	2863	18650	49.97
20	4891	1824	449	7164	204	4533	0	0	5131	5232	-1055	16078	0	16078	2872	18950	49.98
21	4702	1296	438	6436	182	4529	0	0	5127	5205	-976	15376	0	15376	2735	18111	49.98
22	4803	550	438	5791	173	4528	0	0	5090	5180	-914	14757	0	14757	2597	17354	50.00
23	4715	229	432	5376	283	4507	0	0	5094	4816	-1035	13947	0	13947	2392	16339	49.99
24	4623	90	427	5140	291	4381	0	0	4924	4569	-1232	13148	0	13148	2338	15486	49.97
MUs	105.15	13.32	10.22	128.69	3.35	107.01	0.00	1.34	115.85	117.63	-22.41	335.63	0.00	335.63	59.23	394.86	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 15/Oct/2016

Position as on 6.30 Hrs of 16/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	16/10/2016	07.23	Zero Schedule by MSEDCL	
MSPGCL	Khaparkheda Unit 2	210	17/09/2016	13.43	16/10/2016	12.12	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 15/Oct/2016

Position as on 6.30 Hrs of 16/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	15/10/2016	10.25	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	15/10/2016	07.07	Zero Schedule By MSEDCL	
MSPGCL	Nasik Unit 5	210	07/10/2016	16.30		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Chandrapur Unit 3	210	12/10/2016	21.08	16/10/2016	18.18	Boiler Tube Leakage	
IPP	JSW (J) U4	300	14/10/2016	11.51	16/10/2016	21.59	C.W.Duct Leakage	
MSPGCL	Uran Unit 5	108	15/10/2016	12.38	15/10/2016	13.51	Boiler prot.operated	
MSPGCL	Chandrapur Unit 9	500	16/10/2016	23.23		Continued.	Drum level high.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 15/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 16/Oct/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 1	IntraState	15/10/2016	09.12		Continued.	PO	Routine Maintenance Work
Chandrapur - Padghe Hvdc Pole 2	IntraState	16/10/2016	07.57	16/10/2016	20.17	PO	Strining og 765 kv d/c aurangabad padhghe transimission line
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar II	InterState	14/10/2016	21.40	15/10/2016	06.33	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	14/10/2016	21.45	15/10/2016	06.34	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	15/10/2016	22.08	16/10/2016	07.07	HT	Over Voltage
Dhule Khandwa I	InterState	16/10/2016	01.33	16/10/2016	06.19	HT	Over Voltage
Dabhol Nagothane I	InterState	16/10/2016	13.19		Continued.	T	Distance Protection
Ektuni-Bableshwar ckt I	IntraState	09/10/2016	12.29		Continued.	PO	Hot Spot on Isolator(RFC from 17.36HrsDt.10-10-2016)
Karad-Jaigad - I	IntraState	14/10/2016	21.00	15/10/2016	09.01	HT	Over Voltage
karad -kolhapur-II	IntraState	14/10/2016	21.05	15/10/2016	08.47	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	14/10/2016	21.43	15/10/2016	07.11	HT	Over Voltage
Kalwa - Kharghar	IntraState	15/10/2016	09.48	15/10/2016	13.50	PO	Hot Spot(Taken on TBC)
karad -kolhapur-II	IntraState	15/10/2016	12.07	16/10/2016	09.39	PO	Flashover String repl.work(RFC 16.55Hrs)
Koradi-India Bulls	IntraState	15/10/2016	12.28	15/10/2016	16.49	HT	Routine Maintenance Work
Koradi-Bhusawal	IntraState	15/10/2016	12.33	15/10/2016	12.59	T	Over Voltage
Karad-Jaigad - I	IntraState	15/10/2016	21.51	16/10/2016	08.57	HT	Over Voltage
Karad - Jaigad - II	IntraState	16/10/2016	21.36		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	16/10/2016	23.04		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/132 Kv 200 Mva Ict 1 @Khadka	IntraState	15/10/2016	12.33	15/10/2016	13.42	T	Backup Earth Fault
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)
Talandage - Chikodi	InterState	16/10/2016	10.56	16/10/2016	19.27	PO	Outage.
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
Kharghar-PGPL	IntraState	12/10/2016	11.11		Continued.	PO	Bunching work @ Height Raising of Tower for cidco's metro rail bridge near Kharghar.
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.
Telco- Chinchwad	IntraState	13/10/2016	09.06		Continued.	PO	Annual Maintenance Work
Eklahare (Gcr) - Ghatghar	IntraState	15/10/2016	03.50	15/10/2016	04.23	T	Distance Protection

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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 16/Oct/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Khaparkheda-Kalmeshwar	IntraState	15/10/2016	11.05	15/10/2016	17.26	PO	Tan Delta Measurment of CTs
Butibori - Wardha	IntraState	15/10/2016	11.55	15/10/2016	14.28	PO	Oil Leakage of B Phase CT
Eklahare (Gcr) - Airoli Know Park	IntraState	15/10/2016	13.00	15/10/2016	19.10	T	LA Burst at AKP end
Kalwa Salsette III	IntraState	16/10/2016	08.08	16/10/2016	19.52	PO	Outage for shifting of conductor from location no 86 to 26.
Trombay Dharavi 5	IntraState	16/10/2016	10.34	16/10/2016	17.00	PO	Testing of metering CT and CVT
Nagothane - ACCIL	IntraState	16/10/2016	12.17		Continued.	T	Distance Protection
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	15/10/2016	18.03	PO	Augmentation work.
132 KV LINE Outages/Trippings							
Khadka - Savda	IntraState	15/10/2016	12.33	15/10/2016	19.46	T	R Phase Conductor Snapped

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