

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Oct/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	111.462	1480.097	1) Gujrat	10.932	103.276
2) Hydro	5.946	124.866	2) Madhya Pradesh	10.372	180.211
3) Gas	10.355	159.660	3) Chattisgarh	6.740	113.260
Total MSPGCL	127.763	1764.623	4) Maharashtra Net	94.117	1349.669
B) 1) APML	64.509	995.113	5) Goa (Amona)	-0.584	-10.924
2) JSWEL	19.605	324.137	Total	121.577	1735.492
3) VIPL	12.761	181.937	a) Mumbai Schedule	21.235	309.766
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	21.942	402.515
5) WPCL	4.889	62.226	c) MSEDCL Bilateral *	26.918	366.931
6) PGPL	0.000	0.000	Include PX	-0.290	-74.298
7) Other IPP	3.106	43.328	d) Mumbai Bilateral *	21.235	309.766
C) 1) TPCL Thermal	15.422	221.254	Include PX	0.085	5.426
2) TPCL Hydro	1.146	52.811	Include Standby	0.000	0.000
3) TPCL Gas	4.440	70.476	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.795	158.650	1) MSEDCL	337.484	4891.336
D) STATE			2) Mumbai Discoms	53.745	905.718
1) Thermal	242.549	3466.742	TOTAL STATE	391.229	5797.054
(A1+C1+C4+(B1-B6))					
2) Hydro	7.092	177.677			
(A2+C2)					
3) Gas	14.795	230.136			
(A3+B6+C3)					
4) Wind	4.072	170.453			
6) SOLAR	1.144	16.542			
TOTAL STATE	269.652	4061.550			

* 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	4723	5062	5132	3996
MSPGCL Hydro	756	103	1235	70
MSPGCL Gas	432	420	431	428
MSPGCL Total Generation	5911	5585	6798	4494
Central Sector Receipt	5453	5210	5146	4407
WIND	85	141	208	196
CPP / IPP Thermal	4500	4523	4510	3853
CPP / IPP Gas	0	0	0	0
SOLAR	85	16	0	0
Exchange with Mumbai	-824	-835	-869	-766
MSEDCL DEMAND MET	15210	14640	15793	12184
Load Shedding	0	0	0	0
MSEDCL DEMAND	15210	14640	15793	12184
TPCL GENERATION	952	939	1096	698
R-INFRA GENERATION	504	506	502	386
MUMBAI DEMAND	2280	2280	2467	1850
STATE DEMAND MET	17490	16920	18260	14034
STATE DEMAND	17490	16920	18260	14034
Frequency (Hz)	50.00	49.97	49.99	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 15.02 Hrs	49.78 Hz at 18.10 Hrs	49.98	49.98 % 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 16/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	10.80	159.01	530	358
Total	10.80	159.01		
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	0.53	31.39	134	0
Unit 4	4.25	53.27	189	161
Unit 5	10.13	147.61	450	367
Unit 6	10.23	150.71	465	360
Unit 7	9.45	143.93	426	354
Unit 8	11.01	151.97	500	375
Total	45.61	678.88		
Paras				
Unit 3	5.39	80.66	250	185
Unit 4	5.49	81.28	255	192
Total	10.88	161.94		
Khaparkheda				
Unit 1	2.04	2.04	185	0
Unit 2	1.08	1.08	140	0
Unit 3	4.56	25.44	210	165
Unit 4	3.96	5.79	187	156
Unit 5	10.60	162.65	500	363
Total	22.25	197.01		
Nasik				
Unit 3	4.34	39.20	200	165
Unit 4	4.36	67.28	206	160
Unit 5	0.00	27.27	0	0
Total	8.69	133.75		
Uran				
All Units	10.36	159.66	461	414
Total	10.36	159.66		
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)	0.93	12.40	47	33
Total	0.93	12.40		
Koyna				
Stage 1-2	2.00	44.55	420	40
Stage 4	1.42	27.38	633	0
Stage 3	0.47	17.53	160	0
Total	3.89	89.46		
Hydro				
KDPH	0.00	5.41	0	0
VTRNA	0.00	4.81	0	0
TILLARI	0.31	4.92	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	4.39	80	0
RNGR+BHTSA	0.32	1.97	14	13
BHANDARDRA	0.00	1.46	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.25	6.48	18	7
GHATGHAR	0.98	5.97	250	0
Total	2.05	35.41		
Wind				
Total	4.07	170.45	0	0
Total	4.07	170.45		
CPP				
APML(Mus)	64.51	995.11	0	0
JSWEL(Mus)	19.60	324.14	0	0
VIPL(Mus)	12.76	181.94	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.89	62.23	0	0
Other(Mus)	3.11	43.33	0	0
Total	104.87	1606.74		
SOLAR				
Total	1.14	16.54	0	0
Total	1.14	16.54		
Tata				
Trombay 5	10.01	138.64	487	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.82	44.66	120	114
Trombay 7B	1.62	25.82	69	66
Trombay 8	5.42	82.61	242	198
TATA Hydro	1.15	52.81	207	8
Total	21.01	344.54		
R-INFRA				
1-2	10.80	158.65	508	386
Total	10.80	158.65		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	5.03	60.64
Koradi 9	8.21	88.87
Koradi 10	0.00	0.00
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	111.46	1480.10
MSPGCL Thml+Gas	121.82	1639.76
MSPGCL Hydro	5.95	124.87

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	127.76	1764.62
Koyna 1,2 & 4 Total	3.42	71.93
State Total	269.65	4061.55

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/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	4171	70	436	4677	237	4279	0	0	4935	4737	-1157	12772	0	12772	2235	15007	49.98
2	4000	60	426	4486	183	4090	0	0	4846	4685	-1009	12436	0	12436	2091	14527	49.97
3	3994	60	447	4501	189	3853	0	0	4830	4814	-846	12511	0	12511	1932	14443	49.99
4	3996	70	428	4494	196	3853	0	0	4612	4407	-766	12184	0	12184	1850	14034	49.98
5	3961	60	451	4472	171	3856	0	0	4583	4817	-767	12550	0	12550	1853	14403	49.96
6	4055	65	452	4572	147	4179	0	0	5004	4912	-816	12995	0	12995	1900	14895	49.99
7	4241	65	461	4767	124	4360	0	0	5313	5465	-812	13904	0	13904	1916	15820	49.97
8	4638	119	450	5207	111	4488	0	23	5266	5454	-678	14606	0	14606	1969	16575	49.98
9	4671	245	436	5352	66	4514	0	59	5359	5720	-655	15056	0	15056	2079	17135	49.98
10	4723	756	432	5911	85	4500	0	85	5237	5453	-824	15210	0	15210	2280	17490	50.00
11	4764	437	425	5626	132	4496	0	133	5183	5327	-912	14803	0	14803	2393	17196	49.98
12	4705	154	435	5294	147	4509	0	171	5180	5182	-937	14366	0	14366	2465	16830	49.97
13	4752	61	414	5227	144	4529	0	174	5248	5098	-1046	14126	0	14126	2458	16584	49.96
14	4804	66	421	5291	117	4513	0	177	5137	5360	-1087	14372	0	14372	2398	16770	49.99
15	4848	71	414	5333	151	4497	0	153	5072	5238	-1033	14339	0	14339	2404	16743	49.97
16	4978	71	417	5466	176	4508	0	96	5168	5109	-905	14450	0	14450	2359	16809	49.98
17	5113	66	415	5594	160	4523	0	57	5339	4928	-859	14403	0	14403	2307	16710	49.96
18	5062	103	420	5585	141	4523	0	16	5255	5210	-835	14640	0	14640	2280	16920	49.97
19	5131	1295	418	6844	174	4522	0	0	5006	4955	-900	15594	0	15594	2424	18018	49.98
20	5132	1235	431	6798	208	4510	0	0	5123	5146	-869	15793	0	15793	2467	18260	49.99
21	5230	581	423	6234	266	4514	0	0	4951	5010	-847	15177	0	15177	2472	17649	49.98
22	5260	112	439	5811	290	4514	0	0	5029	4833	-922	14526	0	14526	2454	16980	50.02
23	4844	62	437	5343	252	4456	0	0	5039	4819	-1202	13668	0	13668	2414	16082	50.00
24	4389	62	427	4878	205	4282	0	0	4983	4896	-1258	13003	0	13003	2345	15348	50.00
MUs	111.46	5.95	10.35	127.76	4.07	104.87	0.00	1.14	121.70	121.58	-21.94	337.48	0.00	337.48	53.75	391.23	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 16/Oct/2016

Position as on 6.30 Hrs of 17/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 16/Oct/2016

Position as on 6.30 Hrs of 17/Oct/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	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	Chandrapur Unit 9	500	16/10/2016	23.23	17/10/2016	01.44	Drum level high.	
MSPGCL	Koradi Unit 9	660	17/10/2016	00.01		Continued.	Commissioning of HCSD System.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 16/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 17/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	17/10/2016	01.39	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							
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-Bableswhar ckt I	IntraState	09/10/2016	12.29		Continued.	PO	Hot Spot on Isolator(RFC from 17.36HrsDt.10-10-2016)
karad -kolhapur-II	IntraState	15/10/2016	12.07	16/10/2016	09.39	PO	Flashover String repl.work(RFC 16.55Hrs)
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	17/10/2016	06.36	HT	Over Voltage
karad -kolhapur-I	IntraState	16/10/2016	23.04		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)
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.
Bableswhar- Ranjangaon	IntraState	06/06/2016	07.22		Continued.	HT	Hand Tripped for Ranjangaon End.
Bableswhar- 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-PGGL	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
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.

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