

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Oct/2016 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	91.364	881.379	1) Gujrat	8.387	59.794
2) Hydro	8.040	67.128	2) Madhya Pradesh	11.851	113.033
3) Gas	10.640	96.538	3) Chattisgarh	7.020	70.620
Total MSPGCL	110.044	1045.045	4) Maharashtra Net	95.734	815.830
B) 1) APML	63.655	609.414	5) Goa (Amona)	-0.798	-6.644
2) JSWEL	20.242	205.361	Total	122.194	1052.633
3) VIPL	11.808	108.742	a) Mumbai Schedule	19.190	185.626
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	26.904	255.953
5) WPCL	4.343	33.351	c) MSEDCL Bilateral *	24.471	210.795
6) PGPL	0.000	0.000	Include PX	-2.858	-63.663
7) Other IPP	2.695	26.434	d) Mumbai Bilateral *	19.190	185.626
C) 1) TPCL Thermal	14.618	132.775	Include PX	0.726	1.996
2) TPCL Hydro	4.666	30.946	Include Standby	0.000	0.000
3) TPCL Gas	4.433	43.873	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.385	95.729	1) MSEDCL	314.399	2982.170
D) STATE			2) Mumbai Discoms	61.006	559.287
1) Thermal	219.110	2093.185	TOTAL STATE	375.405	3541.457
(A1+C1+C4+(B1-B6))					
2) Hydro	12.706	98.074			
(A2+C2)					
3) Gas	15.073	140.411			
(A3+B6+C3)					
4) Wind	5.058	148.426			
6) SOLAR	1.264	8.717			
TOTAL STATE	253.211	2488.813			

* 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 4 Hrs
MSPGCL Thermal	3962	3765	4117	3617
MSPGCL Hydro	482	106	1592	355
MSPGCL Gas	440	428	444	457
MSPGCL Total Generation	4884	4299	6153	4429
Central Sector Receipt	5599	5816	5057	3822
WIND	114	130	206	268
CPP / IPP Thermal	4536	4217	4553	3781
CPP / IPP Gas	0	0	0	0
SOLAR	138	192	0	0
Exchange with Mumbai	-1136	-1559	-1141	-699
MSEDCL DEMAND MET	14136	13096	14828	11601
Load Shedding	0	0	0	0
MSEDCL DEMAND	14136	13096	14828	11601
TPCL GENERATION	1249	1111	1264	698
R-INFRA GENERATION	507	384	510	386
MUMBAI DEMAND	2892	3054	2915	1783
STATE DEMAND MET	17028	16150	17743	13384
STATE DEMAND	17028	16150	17743	13384
Frequency (Hz)	50.00	50.01	50.04	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 13:04 Hrs	49.81 Hz at 17:47 Hrs	50	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 10/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	10.16	95.71	501	353
Total	10.16	95.71		
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	4.17	23.22	190	163
Unit 4	4.19	27.88	190	165
Unit 5	9.28	89.81	425	365
Unit 6	9.52	90.79	450	355
Unit 7	9.21	88.57	428	349
Unit 8	9.52	89.05	472	320
Total	45.89	409.31		
Paras				
Unit 3	4.92	48.56	247	184
Unit 4	4.98	48.42	243	186
Total	9.90	96.98		
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	10.93	98.83	500	360
Total	10.93	117.16		
Nasik				
Unit 3	4.20	13.52	200	165
Unit 4	4.20	41.34	205	165
Unit 5	0.00	27.27	0	0
Total	8.40	82.13		
Uran				
All Units	10.64	96.54	460	417
Total	10.64	96.54		
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)	1.04	6.40	53	20
Total	1.04	6.40		
Koyna				
Stage 1-2	2.96	25.54	425	35
Stage 4	1.37	7.88	618	0
Stage 3	0.74	8.66	160	0
Total	5.06	42.08		
Hydro				
KDPH	0.87	5.24	37	36
VTRNA	0.00	4.81	0	0
TILLARI	0.36	2.91	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	2.87	80	0
RNGR+BHTSA	0.01	1.30	2	0
BHANDARDRA	0.00	1.12	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.73	3.94	31	30
GHATGHAR	0.77	2.86	250	0
Total	2.98	25.05		
Wind				
Total	5.06	148.43	0	0
Total	5.06	148.43		
CPP				
APML(Mus)	63.66	609.41	0	0
JSWEL(Mus)	20.24	205.36	0	0
VIPL(Mus)	11.81	108.74	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.34	33.35	0	0
Other(Mus)	2.70	26.43	0	0
Total	102.74	983.30		
SOLAR				
Total	1.26	8.72	0	0
Total	1.26	8.72		
Tata				
Trombay 5	9.25	82.14	487	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	27.77	120	114
Trombay 7B	1.63	16.10	69	66
Trombay 8	5.37	50.64	251	199
TATA Hydro	4.67	30.95	448	16
Total	23.72	207.59		
R-INFRA				
1-2	10.38	95.73	511	384
Total	10.38	95.73		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.00	35.34
Koradi 9	6.08	44.74
Koradi 10	0.00	0.00
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	91.36	881.38
MSPGCL Thml+Gas	102.00	977.92
MSPGCL Hydro	8.04	67.13

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	110.04	1045.04
Koyna 1,2 & 4 Total	4.32	33.42
State Total	253.21	2488.81

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 10/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	3677	120	457	4254	371	4111	0	0	4340	4276	-1077	11935	0	11935	2156	14091	50.00
2	3654	105	446	4205	258	3908	0	0	3919	4382	-884	11869	0	11869	1970	13839	49.99
3	3651	300	447	4398	264	3787	0	0	3602	4056	-770	11735	0	11735	1852	13587	50.00
4	3617	355	457	4429	268	3781	0	0	3433	3822	-699	11601	0	11601	1783	13384	50.01
5	3601	174	449	4224	259	3913	0	0	4415	4308	-697	12007	0	12007	1779	13786	49.98
6	3626	279	452	4357	241	4107	0	0	4647	4677	-747	12635	0	12635	1876	14511	49.97
7	4008	298	449	4755	180	4409	0	0	5157	4887	-688	13543	0	13543	2017	15560	50.06
8	3918	125	460	4503	164	4524	0	25	5438	5548	-801	13963	0	13963	2241	16204	50.01
9	3867	143	433	4443	141	4529	0	73	5553	5556	-918	13824	0	13824	2455	16279	50.02
10	3962	482	440	4884	114	4536	0	138	5628	5599	-1136	14136	0	14136	2892	17028	50.00
11	3941	195	431	4567	111	4533	0	170	5740	5716	-1253	13844	0	13844	3088	16932	50.00
12	3826	166	438	4430	151	4405	0	154	5859	5720	-1503	13357	0	13357	3119	16476	49.98
13	3765	106	428	4299	130	4217	0	192	5874	5816	-1559	13096	0	13096	3054	16150	50.01
14	3656	106	450	4212	137	4204	0	179	5865	5794	-1505	13021	0	13021	2951	15972	50.03
15	3480	177	417	4074	158	4223	0	149	5553	5621	-1491	12735	0	12735	2985	15720	49.97
16	3453	246	443	4142	147	4200	0	110	5359	5617	-1488	12729	0	12729	2979	15708	50.00
17	3655	153	423	4231	200	4217	0	61	5563	5554	-1469	12794	0	12794	2926	15720	49.98
18	3813	116	438	4367	160	4252	0	13	5575	5480	-1355	12917	0	12917	2864	15781	49.91
19	4021	1049	428	5498	233	4432	0	0	5151	5384	-1192	14355	0	14355	2931	17286	49.94
20	4117	1592	444	6153	206	4553	0	0	5007	5057	-1141	14828	0	14828	2915	17743	50.04
21	4108	1091	447	5646	225	4580	0	0	5007	4968	-1086	14334	0	14334	2743	17077	50.01
22	4156	408	457	5021	313	4571	0	0	5075	4972	-1092	13785	0	13785	2620	16405	49.99
23	4050	143	459	4652	323	4478	0	0	5164	4795	-1087	13162	0	13162	2436	15598	50.01
24	3742	111	447	4300	304	4270	0	0	4595	4589	-1266	12197	0	12197	2374	14571	49.99
MUs	91.36	8.04	10.64	110.04	5.06	102.74	0.00	1.26	121.52	122.19	-26.90	314.40	0.00	314.40	61.01	375.40	50.00

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 10/Oct/2016

Position as on 6.30 Hrs of 11/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 10/Oct/2016

Position as on 6.30 Hrs of 11/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	
IPP	WPCL U-3	135	07/10/2016	21.00	10/10/2016	03.05	ID Fan Problem	
MSPGCL	Chandrapur Unit 9	500	09/10/2016	10.37		Continued.	Coal Shortage	
IPP	JSW (J) U4	300	10/10/2016	11.17	10/10/2016	15.57	Turbine oil Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 11/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	09/10/2016	23.58	10/10/2016	07.42	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	11/10/2016	00.53		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	11/10/2016	02.58	11/10/2016	06.53	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	Attending Hot Spot
Main Bus-I @ Koradi III	IntraState	10/10/2016	09.28	10/10/2016	19.45	PO	Routine Maintenance Work
Bhusawal-Aurangabad	IntraState	10/10/2016	10.42	10/10/2016	15.45	PO	Quarterly Maintainance Work
Lonikand I - Koyna stage-IV	IntraState	11/10/2016	03.03		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 500 Mva Ict 1 @Lamboti	IntraState	10/10/2016	13.19	10/10/2016	15.30	T	OLTC Buccholz tripped.
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
Badnera - Nandgaonpeth	IntraState	10/10/2016	10.00	10/10/2016	17.50	PO	Measurment of CBtiming and CRM measurement of TAN delta of CTs and CCs.
Abhijeet-Wardha-li	IntraState	10/10/2016	10.55	10/10/2016	19.28	PO	Measurment of TAN delta of CTs and CCs Measurment of CB timing and CRM.
Tembhurni - Jeur	IntraState	10/10/2016	13.57	10/10/2016	19.05	PO	Routine Maintenance Work
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 @Bableshwar	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 2 @Hinganghat	IntraState	10/10/2016	09.50	10/10/2016	16.21	PO	Routine Maintenance Work
220/132Kv 200MVA ICT-I @ Akola	IntraState	10/10/2016	10.10	10/10/2016	16.52	PO	Replacement of Jumper work.
132 KV LINE Outages/Trippings							
Malegaon-Washim	IntraState	09/10/2016	17.30		Continued.	T	R Ph CT Burst @ Washim End.

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