

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 06/Oct/2016 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	89.196	513.557	1) Gujrat	7.608	29.842
2) Hydro	9.001	40.611	2) Madhya Pradesh	11.737	66.895
3) Gas	7.315	54.327	3) Chattisgarh	6.850	40.810
Total MSPGCL	105.512	608.495	4) Maharashtra Net	72.732	469.482
B) 1) APML	65.922	358.756	5) Goa (Amona)	-0.732	-3.796
2) JSWEL	20.945	122.691	Total	98.195	603.233
3) VIPL	11.111	64.457	a) Mumbai Schedule	19.833	112.298
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	27.009	151.100
5) WPCL	4.126	20.236	c) MSEDCL Bilateral *	10.009	125.458
6) PGPL	0.000	0.000	Include PX	-15.899	-39.896
7) Other IPP	2.704	15.750	d) Mumbai Bilateral *	19.833	112.298
C) 1) TPCL Thermal	13.497	78.106	Include PX	0.124	0.944
2) TPCL Hydro	3.331	18.910	Include Standby	0.000	0.000
3) TPCL Gas	4.367	26.245	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.804	56.708	1) MSEDCL	299.238	1755.101
D) STATE			2) Mumbai Discoms	58.008	331.079
1) Thermal	217.305	1230.261	TOTAL STATE	357.246	2086.180
(A1+C1+C4+(B1-B6))					
2) Hydro	12.332	59.521			
(A2+C2)					
3) Gas	11.682	80.572			
(A3+B6+C3)					
4) Wind	16.668	108.284			
6) SOLAR	1.064	4.299			
TOTAL STATE	259.051	1482.937			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 18 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4031	3496	3885	3369
MSPGCL Hydro	487	246	1375	100
MSPGCL Gas	305	297	310	313
MSPGCL Total Generation	4823	4039	5570	3782
Central Sector Receipt	4613	4811	4801	3010
WIND	724	844	837	689
CPP / IPP Thermal	4423	4326	4563	4184
CPP / IPP Gas	0	0	0	0
SOLAR	97	14	0	0
Exchange with Mumbai	-1149	-1354	-1301	-603
MSEDCL DEMAND MET	13531	12680	14470	11062
Load Shedding	0	0	0	0
MSEDCL DEMAND	13531	12680	14470	11062
TPCL GENERATION	821	1025	1082	698
R-INFRA GENERATION	384	389	503	386
MUMBAI DEMAND	2354	2768	2886	1687
STATE DEMAND MET	15885	15448	17356	12749
STATE DEMAND	15885	15448	17356	12749
Frequency (Hz)	49.95	49.94	49.99	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 13.06 Hrs	49.83 Hz at 17.39 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 06/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	12.23	50.08	551	490
Total	12.23	50.08		
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	9.45	0	0
Unit 4	0.00	17.77	0	0
Unit 5	9.29	53.72	455	360
Unit 6	9.50	53.89	455	360
Unit 7	9.13	52.83	417	353
Unit 8	10.38	52.23	500	248
Total	38.29	239.90		
Paras				
Unit 3	5.00	29.11	241	187
Unit 4	5.04	28.88	250	185
Total	10.04	57.99		
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	11.44	56.91	500	400
Total	11.44	75.24		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.28	24.62	199	170
Unit 5	4.23	24.55	197	170
Total	8.51	49.17		
Uran				
All Units	7.32	54.33	334	296
Total	7.32	54.33		
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)	0.90	4.26	54	11
Total	0.90	4.26		
Koyna				
Stage 1-2	3.49	15.48	405	40
Stage 4	0.91	4.95	603	0
Stage 3	1.09	5.38	240	0
Total	5.49	25.81		
Hydro				
KDPH	0.88	2.21	37	36
VTRNA	0.96	3.98	58	0
TILLARI	0.36	1.72	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.33	1.87	80	0
RNGR+BHTSA	0.00	0.56	0	0
BHANDARDRA	0.34	0.92	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.24	2.17	19	7
GHATGHAR	0.39	1.36	120	0
Total	3.51	14.80		
Wind				
Total	16.67	108.28	0	0
Total	16.67	108.28		
CPP				
APML(Mus)	65.92	358.76	0	0
JSWEL(Mus)	20.94	122.69	0	0
VIPL(Mus)	11.11	64.46	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.13	20.24	0	0
Other(Mus)	2.70	15.75	0	0
Total	104.81	581.89		
SOLAR				
Total	1.06	4.30	0	0
Total	1.06	4.30		
Tata				
Trombay 5	8.37	48.22	478	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	16.61	116	114
Trombay 7B	1.61	9.64	68	66
Trombay 8	5.13	29.89	247	199
TATA Hydro	3.33	18.91	378	11
Total	21.20	123.26		
R-INFRA				
1-2	9.80	56.71	509	384
Total	9.80	56.71		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	3.88	21.54
Koradi 9	4.79	19.65
Koradi 10	0.00	0.00
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	89.20	513.56
MSPGCL Thml+Gas	96.51	567.88
MSPGCL Hydro	9.00	40.61

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	105.51	608.50
Koyna 1,2 & 4 Total	4.40	20.43
State Total	259.05	1482.94

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/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	3291	100	302	3693	757	4159	0	0	3492	3373	-894	11088	0	11088	1977	13065	50.01
2	3376	105	304	3785	715	4170	0	0	3081	3208	-698	11181	0	11181	1780	12961	49.98
3	3369	100	313	3782	689	4184	0	0	2646	3010	-603	11062	0	11062	1687	12749	49.97
4	3388	99	302	3789	755	4260	0	0	3009	2929	-557	11176	0	11176	1641	12817	50.00
5	3393	99	313	3805	835	4217	0	0	3606	3360	-554	11662	0	11662	1636	13298	49.97
6	3456	349	313	4118	805	4251	0	0	3363	3782	-669	12287	0	12287	1754	14041	49.94
7	3768	544	304	4616	800	4272	0	2	3854	4085	-811	12964	0	12964	1894	14858	49.95
8	3984	581	303	4868	777	4295	0	37	4125	4248	-1041	13185	0	13185	2137	15322	49.98
9	4031	487	305	4823	724	4423	0	97	4247	4613	-1149	13531	0	13531	2354	15885	49.95
10	4034	342	296	4672	759	4443	0	148	4748	4578	-1508	13092	0	13092	2761	15853	49.96
11	3819	316	297	4432	632	4322	0	137	4785	4680	-1576	12627	0	12627	2958	15585	49.94
12	3739	493	308	4540	516	4288	0	150	4257	4444	-1511	12427	0	12427	2979	15406	49.95
13	3751	438	299	4488	462	4423	0	133	3906	3850	-1491	11865	0	11865	2937	14802	49.97
14	3764	205	307	4276	426	4384	0	108	3975	4068	-1404	11858	0	11858	2783	14641	50.01
15	3764	285	298	4347	465	4409	0	105	3861	4053	-1387	11992	0	11992	2815	14807	49.94
16	3759	356	298	4413	550	4395	0	92	3719	3853	-1388	11915	0	11915	2815	14730	49.98
17	3604	175	298	4077	745	4366	0	39	4487	4448	-1438	12237	0	12237	2785	15022	49.98
18	3496	246	297	4039	844	4326	0	14	4630	4811	-1354	12680	0	12680	2768	15448	49.94
19	3771	1089	310	5170	826	4499	0	2	4816	4929	-1251	14175	0	14175	2909	17084	49.94
20	3885	1375	310	5570	837	4563	0	0	4817	4801	-1301	14470	0	14470	2886	17356	49.99
21	4044	644	301	4989	811	4589	0	0	4696	4876	-1173	14092	0	14092	2659	16751	49.98
22	3948	264	301	4513	660	4593	0	0	4623	4433	-1173	13026	0	13026	2586	15612	49.94
23	4034	155	302	4491	656	4567	0	0	4098	4067	-1040	12741	0	12741	2367	15108	49.99
24	3728	154	334	4216	622	4409	0	0	3970	3695	-1038	11904	0	11904	2140	14044	49.99
MUs	89.20	9.00	7.31	105.51	16.67	104.81	0.00	1.06	96.81	98.19	-27.01	299.24	0.00	299.24	58.01	357.25	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 06/Oct/2016

Position as on 6.30 Hrs of 07/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	
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	Nasik Unit 3	210	28/08/2016	21.45		Continued.	Zero Shedule By MSEDCL.	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 06/Oct/2016

Position as on 6.30 Hrs of 07/Oct/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 5	500	17/09/2016	13.51		Continued.	Zero Schedule by MSEDCL	
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	Koyna Unit 11	80	24/09/2016	03.20		Continued.	Stator Earth Fault	
MSPGCL	Parli Unit 6	250	30/09/2016	21.51		Continued.	Zero scheduling.from 30/09/2016.	
MSPGCL	Chandrapur Unit 3	210	03/10/2016	08.23		Continued.	Boiler Tube Leakage	
IPP	WPCL U-3	135	05/10/2016	07.26	06/10/2016	06.35	Wet Coal Problem	
MSPGCL	Chandrapur Unit 9	500	05/10/2016	09.47	06/10/2016	04.21	Generator Protection operated	
MSPGCL	Chandrapur Unit 4	210	05/10/2016	14.20		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 3	210	05/10/2016	20.56		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Uran Unit 5	108	05/10/2016	21.09	06/10/2016	23.33	Maintenance work	
MSPGCL	Koyna Unit 1	75	06/10/2016	01.35	07/10/2016	03.15	TGB oil cooler leakage	
MSPGCL	Uran Unit 5	108	07/10/2016	02.13	07/10/2016	02.27	Tripped	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 07/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) II	InterState	05/10/2016	15.47	06/10/2016	08.31	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	06/10/2016	22.00	07/10/2016	06.28	HT	Over Voltage
karad -kolhapur-I	IntraState	17/09/2016	03.43		Continued.	T	Over Voltage,B Pole of Breaker Burst.
Karad-Jaigad - I	IntraState	30/09/2016	20.35		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	01/10/2016	09.53		Continued.	HT	Over Voltage
N.Koyna-Karad -Ckt II	IntraState	03/10/2016	09.52		Continued.	PO	R.M Work (RFC at 17.48 hrs at 03/10/2016) Kept open for overvoltage
Lonikand I - Koyna stage-IV	IntraState	05/10/2016	21.57	06/10/2016	07.05	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	05/10/2016	22.14	06/10/2016	06.47	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	06/10/2016	04.01		Continued.	T	Distance Protection
Jejuri- Koynastage-IV	IntraState	06/10/2016	08.12	06/10/2016	18.14	PO	Disc Insulator Replacement Work
Bus Coupler @ Koradi	IntraState	06/10/2016	10.49	06/10/2016	18.25	PO	Testing Work
Lonikand I - Koyna stage-IV	IntraState	07/10/2016	00.50		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	20/08/2016	11.06		Continued.	PO	Shifted on TBC, by hot line jumper open for construction of kudus bay ektuni CKT-2 will remain off during this outage period.
400/220KV 500MVA ICT1@koradi 2	IntraState	28/09/2016	11.02		Continued.	EO	Attending Oil Leakage
400/220/33 Kv 315 MVA ICT I @Babhleshwar	IntraState	05/10/2016	09.15	06/10/2016	05.16	PO	LV side CT Replacement work
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
Babhaleshwar - Degaon Rangari	IntraState	06/10/2016	05.45	06/10/2016	18.13	PO	Work at BBLSR end
Vsnl-512 Khadki	IntraState	06/10/2016	08.50	06/10/2016	18.08	PO	Line Maintenance work
New Koyna - Pedambe	IntraState	06/10/2016	09.17	06/10/2016	16.30	PO	Testing Work
Adlabs - Pedambe	IntraState	06/10/2016	09.30	06/10/2016	18.10	PO	Line Maintenance work
Bhaveghar - Kolshet	IntraState	06/10/2016	09.38	06/10/2016	20.28	PO	Construction work
Waluj - Chitegaon li	IntraState	06/10/2016	10.09	06/10/2016	22.09	PO	CT Replacement
Parli 3 (Old Gcr)-Osmanabad	IntraState	06/10/2016	10.24	06/10/2016	18.08	PO	To attend Flashover
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)

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 06/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 07/Oct/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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.
100 KV LINE Outages/Trippings							
Vasai-Ii - Vasai 2 Line	IntraState	13/08/2016	08.53		Continued.	HT	ICT Problem.
Vasai-Ii - Vasai 1 Line	IntraState	06/10/2016	18.45	06/10/2016	20.00	T	Backup Protection

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