

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 04/Oct/2016 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	87.348	336.344	1) Gujrat	5.306	14.704
2) Hydro	7.493	25.094	2) Madhya Pradesh	11.635	41.859
3) Gas	7.380	39.576	3) Chattisgarh	6.580	27.310
Total MSPGCL	102.221	401.014	4) Maharashtra Net	77.856	320.831
B) 1) APML	57.680	234.449	5) Goa (Amona)	-0.662	-2.442
2) JSWEL	20.772	81.288	Total	100.715	402.262
3) VIPL	10.074	43.117	a) Mumbai Schedule	18.082	73.696
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	27.163	97.587
5) WPCL	4.750	14.552	c) MSEDCL Bilateral *	21.890	95.249
6) PGPL	0.000	0.000	Include PX	-6.453	-18.173
7) Other IPP	2.585	10.298	d) Mumbai Bilateral *	18.082	73.696
C) 1) TPCL Thermal	12.382	52.093	Include PX	0.181	0.616
2) TPCL Hydro	4.023	11.902	Include Standby	0.000	0.000
3) TPCL Gas	4.361	17.506	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	8.334	37.547	1) MSEDCL	295.340	1158.939
D) STATE			2) Mumbai Discoms	56.263	216.636
1) Thermal	203.925	809.688	TOTAL STATE	351.603	1375.575
(A1+C1+C4+(B1-B6))					
2) Hydro	11.516	36.996			
(A2+C2)					
3) Gas	11.741	57.082			
(A3+B6+C3)					
4) Wind	23.124	67.342			
6) SOLAR	0.582	2.204			
TOTAL STATE	250.888	973.312			

* 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 3 Hrs
MSPGCL Thermal	3700	3604	3667	3582
MSPGCL Hydro	291	560	1325	188
MSPGCL Gas	304	301	303	302
MSPGCL Total Generation	4295	4465	5295	4072
Central Sector Receipt	4891	4455	5219	2785
WIND	1022	1029	939	791
CPP / IPP Thermal	3994	4018	4387	3868
CPP / IPP Gas	0	0	0	0
SOLAR	73	1	0	0
Exchange with Mumbai	-1319	-1443	-1451	-582
MSEDCL DEMAND MET	12956	12525	14390	10934
Load Shedding	0	0	0	0
MSEDCL DEMAND	12956	12525	14390	10934
TPCL GENERATION	1008	1033	1084	695
R-INFRA GENERATION	384	192	234	386
MUMBAI DEMAND	2711	2668	2769	1663
STATE DEMAND MET	15667	15193	17159	12597
STATE DEMAND	15667	15193	17159	12597
Frequency (Hz)	50.00	49.95	50.00	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 14:02 Hrs	49.81 Hz at 06:14 Hrs	49.98	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 04/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	12.01	25.77	505	496
Total	12.01	25.77		
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	3.52	15.36	170	0
Unit 5	8.84	35.41	380	362
Unit 6	8.73	35.35	380	341
Unit 7	8.71	34.87	377	349
Unit 8	7.62	33.10	365	248
Total	37.42	163.55		
Paras				
Unit 3	4.62	19.47	203	182
Unit 4	4.64	19.14	199	187
Total	9.26	38.62		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	3.91	14.81	170	160
Unit 4	0.00	0.00	0	0
Unit 5	9.95	35.73	500	390
Total	13.86	50.54		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.94	16.28	169	157
Unit 5	3.97	16.28	172	160
Total	7.92	32.56		
Uran				
All Units	7.38	39.58	320	301
Total	7.38	39.58		
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)	0.79	2.80	42	0
Total	0.79	2.80		
Koyna				
Stage 1-2	2.48	9.80	405	40
Stage 4	0.93	3.82	475	0
Stage 3	1.16	3.65	160	0
Total	4.56	17.27		
Hydro				
KDPH	0.44	0.44	37	0
VTRNA	0.72	2.57	59	0
TILLARI	0.49	0.98	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.32	1.20	80	0
RNGR+BHTSA	0.00	0.18	0	0
BHANDARDRA	0.23	0.23	15	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.73	1.62	39	27
GHATGHAR	0.00	0.60	0	0
Total	2.93	7.83		
Wind				
Total	23.12	67.34	0	0
Total	23.12	67.34		
CPP				
APML(Mus)	57.68	234.45	0	0
JSWEL(Mus)	20.77	81.29	0	0
VIPL(Mus)	10.07	43.12	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.75	14.55	0	0
Other(Mus)	2.58	10.30	0	0
Total	95.86	383.70		
SOLAR				
Total	0.58	2.20	0	0
Total	0.58	2.20		
Tata				
Trombay 5	7.55	32.21	317	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	11.08	116	114
Trombay 7B	1.60	6.42	68	66
Trombay 8	4.84	19.88	203	201
TATA Hydro	4.02	11.90	387	14
Total	20.77	81.50		
R-INFRA				
1-2	8.33	37.55	386	192
Total	8.33	37.55		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	2.11	16.59
Koradi 9	4.78	8.73
Koradi 10	0.00	0.00
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	87.35	336.34
MSPGCL Thml+Gas	94.73	375.92
MSPGCL Hydro	7.49	25.09

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	102.22	401.01
Koyna 1,2 & 4 Total	3.40	13.61
State Total	250.89	973.31

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/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	3769	124	320	4213	792	3939	0	0	3230	3046	-873	11117	0	11117	1954	13071	49.99
2	3660	169	304	4133	804	3873	0	0	2628	2793	-662	10940	0	10940	1746	12686	49.98
3	3582	188	302	4072	791	3868	0	0	2637	2785	-582	10934	0	10934	1663	12597	50.00
4	3573	68	312	3953	834	3885	0	0	2631	2872	-535	11008	0	11008	1619	12627	49.99
5	3559	68	314	3941	846	3869	0	0	3293	3160	-530	11286	0	11286	1612	12898	49.97
6	3659	68	303	4030	910	3881	0	0	4064	3906	-664	12062	0	12062	1747	13809	49.95
7	3721	311	316	4348	872	3890	0	2	4236	4411	-790	12734	0	12734	1887	14621	49.94
8	3774	382	305	4461	984	3935	0	17	4631	5025	-1018	13404	0	13404	2116	15520	49.98
9	3768	222	312	4302	1045	3984	0	34	5125	4948	-1144	13169	0	13169	2326	15495	50.01
10	3700	291	304	4295	1022	3994	0	73	4886	4891	-1319	12956	0	12956	2711	15667	50.00
11	3727	272	303	4302	1080	4225	0	78	4688	4421	-1386	12721	0	12721	2851	15572	50.01
12	3694	236	303	4233	1087	4087	0	67	4607	4231	-1514	12191	0	12191	2886	15077	49.99
13	3705	157	301	4163	870	3824	0	82	4153	4547	-1529	11957	0	11957	2868	14825	49.98
14	3701	185	310	4196	887	3837	0	91	4097	3884	-1361	11533	0	11533	2695	14228	49.96
15	3625	186	303	4114	988	3829	0	71	4077	4088	-1315	11776	0	11776	2686	14462	50.00
16	3512	220	314	4046	1080	3816	0	48	4078	4376	-1461	11904	0	11904	2658	14562	49.98
17	3481	445	310	4236	1064	3833	0	18	3992	4193	-1418	11927	0	11927	2658	14585	49.94
18	3604	560	301	4465	1029	4018	0	1	4324	4455	-1443	12525	0	12525	2668	15193	49.95
19	3773	797	301	4871	979	4350	0	0	5196	5178	-1532	13846	0	13846	2779	16625	49.94
20	3667	1325	303	5295	939	4387	0	0	5218	5219	-1451	14390	0	14390	2769	17159	50.00
21	3580	462	314	4356	1087	4355	0	0	5235	5107	-1213	13693	0	13693	2596	16289	50.00
22	3494	290	305	4089	1104	4282	0	0	5047	4987	-1287	13175	0	13175	2464	15639	49.99
23	3499	259	315	4073	998	3996	0	0	4550	4562	-1157	12472	0	12472	2239	14711	49.98
24	3521	208	305	4034	1032	3902	0	0	3989	3630	-979	11619	0	11619	2065	13684	50.01
MUs	87.35	7.49	7.38	102.22	23.12	95.86	0.00	0.58	100.61	100.71	-27.16	295.34	0.00	295.34	56.26	351.60	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 04/Oct/2016

Position as on 6.30 Hrs of 05/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	
MSPGCL	Uran Unit 5	108	04/10/2016	00.13		Continued.	Maintenance work	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 04/Oct/2016

Position as on 6.30 Hrs of 05/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 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	
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	
MSPGCL	Chandrapur Unit 4	210	04/10/2016	14.45	04/10/2016	17.18	Stator Rotor Flow Problem.	
RINFRA-G	REL Unit 1	250	04/10/2016	15.12	04/10/2016	19.34	Generator Elect. Fault	
MSPGCL	Chandrapur Unit 9	500	04/10/2016	19.15	05/10/2016	00.25	Electrical Protection Operated.	
CPP	WPCL U-4	135	05/10/2016	04.00		Continued.	Esp Back Filter Problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 05/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	03/10/2016	02.01	04/10/2016	07.29	T	Over Voltage
Koradi Satpur	InterState	03/10/2016	10.46	04/10/2016	21.35	PO	Replacement work
Kolhapur Solapur(PG) I	InterState	04/10/2016	21.00		Continued.	T	Over Voltage
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
Bhusawal-Aurangabad	IntraState	01/10/2016	17.17		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	01/10/2016	23.06		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	03/10/2016	23.55	04/10/2016	06.36	HT	Over Voltage
Deepnagar Waluj 1	IntraState	04/10/2016	08.01	04/10/2016	18.57	PO	Annual Maintenance Work
Padghe - Nagothane - II	IntraState	04/10/2016	11.40	04/10/2016	16.53	PO	To Attend C Bus Isolator Problem.
Khadka-Aurangabad (Waluj)	IntraState	04/10/2016	19.59	05/10/2016	06.47	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	04/10/2016	23.27		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
220 KV LINE Outages/Trippings							
Mudshingi - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Chikodi end)
Talandage - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Talandage 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- 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
Taloja II - OCIL-I	IntraState	03/10/2016	08.42		Continued.	PO	Routine Maintenance Work
Pophali - Pedambe II	IntraState	04/10/2016	08.05	04/10/2016	18.40	PO	Annual Maintenance Work
New Koyna - Niwali	IntraState	04/10/2016	09.32	04/10/2016	20.18	PO	Diagnostic Work.
Uran - Kharghar I	IntraState	04/10/2016	09.38	04/10/2016	18.55	PO	LA Replacement.
Theur-Jejuri	IntraState	04/10/2016	14.53	04/10/2016	19.19	PO	Relay testing Work.
Shivajinagar - Malegaon	IntraState	04/10/2016	22.37	04/10/2016	23.54	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		Continued.	PO	Augmentation work.
220/132 Kv 200 Mva Vijai Ict 1 @Babhleshwar	IntraState	03/10/2016	14.45		Continued.	PO	Dismantling of ICT 1 And transfer to 220KV Amalner s/s.

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 04/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 05/Oct/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/110kv 100MVA ICT-II @Miraj	IntraState	04/10/2016	11.01	04/10/2016	16.10	PO	Diagnostic Work.
100 KV LINE Outages/Trippings							
Vasai-Ii - Vasai 2 Line	IntraState	13/08/2016	08.53		Continued.	HT	ICT Problem.

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