

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Oct/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	79.681	157.874	1) Gujrat	2.556	4.671
2) Hydro	4.601	12.609	2) Madhya Pradesh	11.454	20.178
3) Gas	10.817	21.457	3) Chattisgarh	6.680	14.130
Total MSPGCL	95.099	191.940	4) Maharashtra Net	77.075	164.974
B) 1) APML	57.366	118.181	5) Goa (Amona)	-0.570	-1.186
2) JSWEL	19.108	39.960	Total	97.195	202.767
3) VIPL	10.125	22.984	a) Mumbai Schedule	18.149	37.478
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	21.274	44.304
5) WPCL	4.086	5.361	c) MSEDCL Bilateral *	25.541	49.681
6) PGPL	0.000	0.000	Include PX	-3.711	-6.864
7) Other IPP	2.999	5.215	d) Mumbai Bilateral *	18.149	37.478
C) 1) TPCL Thermal	12.403	27.337	Include PX	0.000	0.187
2) TPCL Hydro	0.484	3.944	Include Standby	0.000	0.000
3) TPCL Gas	4.361	8.798	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.272	19.950	1) MSEDCL	280.256	573.450
D) STATE			2) Mumbai Discoms	47.795	104.334
1) Thermal	195.040	396.862	TOTAL STATE	328.051	677.784
(A1+C1+C4+(B1-B6))					
2) Hydro	5.085	16.553			
(A2+C2)					
3) Gas	15.178	30.255			
(A3+B6+C3)					
4) Wind	14.895	30.265			
6) SOLAR	0.657	1.081			
TOTAL STATE	230.855	475.016			

* 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 2 Hrs
MSPGCL Thermal	3358	3204	3840	3109
MSPGCL Hydro	338	105	337	54
MSPGCL Gas	452	462	449	450
MSPGCL Total Generation	4148	3771	4626	3613
Central Sector Receipt	4768	4450	4532	2973
WIND	499	405	763	757
CPP / IPP Thermal	4311	3951	4353	3624
CPP / IPP Gas	0	0	0	0
SOLAR	70	89	0	0
Exchange with Mumbai	-945	-1128	-987	-677
MSEDCL DEMAND MET	12851	11538	13287	10290
Load Shedding	0	0	0	0
MSEDCL DEMAND	12851	11538	13287	10290
TPCL GENERATION	699	710	874	716
R-INFRA GENERATION	386	386	387	387
MUMBAI DEMAND	2030	2224	2248	1780
STATE DEMAND MET	14881	13762	15535	12070
STATE DEMAND	14881	13762	15535	12070
Frequency (Hz)	50.05	49.95	49.97	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 14.04 Hrs	49.78 Hz at 19.50 Hrs	49.99	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 02/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	2.05	2.05	500	0
Total	2.05	2.05		
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	4.05	8.11	182	163
Unit 4	3.96	7.81	183	155
Unit 5	8.81	17.78	395	345
Unit 6	8.82	17.69	420	330
Unit 7	8.82	17.45	417	357
Unit 8	8.29	17.09	472	280
Total	42.77	85.92		
Paras				
Unit 3	4.70	10.23	230	181
Unit 4	4.74	9.84	245	186
Total	9.44	20.07		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	4.01	6.94	192	162
Unit 4	0.00	0.00	0	0
Unit 5	8.55	15.94	400	300
Total	12.56	22.88		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.98	8.36	172	160
Unit 5	3.98	8.31	174	162
Total	7.96	16.67		
Uran				
All Units	10.82	21.46	462	436
Total	10.82	21.46		
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)	0.35	1.22	53	0
Total	0.35	1.22		
Koyna				
Stage 1-2	2.04	5.14	260	40
Stage 4	0.32	2.45	239	0
Stage 3	0.37	1.62	160	0
Total	2.73	9.22		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.63	0.88	59	0
TILLARI	0.25	0.49	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	0.65	80	0
RNGR+BHTSA	0.18	0.18	16	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.31	0.67	22	9
GHATGHAR	0.25	0.52	125	0
Total	1.87	3.39		
Wind				
Total	14.90	30.26	0	0
Total	14.90	30.26		
CPP				
APML(Mus)	57.37	118.18	0	0
JSWEL(Mus)	19.11	39.96	0	0
VIPL(Mus)	10.12	22.98	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.09	5.36	0	0
Other(Mus)	3.00	5.22	0	0
Total	93.68	191.70		
SOLAR				
Total	0.66	1.08	0	0
Total	0.66	1.08		
Tata				
Trombay 5	7.58	17.12	317	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	5.58	116	114
Trombay 7B	1.60	3.22	68	66
Trombay 8	4.83	10.21	204	199
TATA Hydro	0.48	3.94	175	10
Total	17.25	40.08		
R-INFRA				
1-2	9.27	19.95	387	385
Total	9.27	19.95		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	4.90	9.88
Koradi 9	0.00	0.41
Koradi 10	0.00	0.00
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	79.68	157.87
MSPGCL Thml+Gas	90.50	179.33
MSPGCL Hydro	4.60	12.61

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	95.10	191.94
Koyna 1,2 & 4 Total	2.36	7.59
State Total	230.86	475.02

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/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	3111	54	458	3623	775	3766	0	0	4131	3702	-889	10977	0	10977	1972	12949	49.94
2	3109	54	450	3613	757	3624	0	0	3336	2973	-677	10290	0	10290	1780	12070	49.96
3	3165	288	449	3902	652	3622	0	0	2861	3050	-634	10592	0	10592	1722	12314	50.00
4	3150	175	460	3785	647	3646	0	0	2865	2989	-588	10479	0	10479	1674	12153	49.98
5	3209	144	449	3802	733	3649	0	0	3571	3203	-572	10815	0	10815	1658	12473	49.96
6	3190	50	450	3690	659	3662	0	0	4262	3726	-630	11107	0	11107	1711	12818	49.96
7	3118	60	440	3618	711	3716	0	2	4692	4190	-661	11576	0	11576	1745	13321	50.02
8	3199	65	447	3711	661	3881	0	15	4704	4735	-700	12303	0	12303	1784	14087	50.00
9	3190	295	461	3946	555	3904	0	59	4459	4847	-845	12466	0	12466	1929	14395	50.01
10	3358	338	452	4148	499	4311	0	70	4748	4768	-945	12851	0	12851	2030	14881	50.05
11	3178	268	452	3898	463	4243	0	81	4731	4769	-1090	12364	0	12364	2188	14552	49.99
12	3173	171	444	3788	401	4211	0	94	4499	4537	-1114	11917	0	11917	2208	14125	49.97
13	3204	105	462	3771	405	3951	0	89	4360	4450	-1128	11538	0	11538	2224	13762	49.95
14	3225	66	447	3738	442	3798	0	87	4289	4205	-1035	11235	0	11235	2122	13357	50.05
15	3244	66	436	3746	518	3753	0	86	4293	4045	-976	11172	0	11172	2062	13234	50.06
16	3269	66	447	3782	559	3666	0	51	3950	4016	-917	11157	0	11157	2002	13159	50.05
17	3285	234	461	3980	688	3715	0	16	3567	3997	-898	11498	0	11498	1983	13481	50.00
18	3386	469	448	4303	673	3784	0	7	3679	3816	-975	11608	0	11608	2072	13680	49.98
19	3698	752	448	4898	708	4185	0	0	4163	4505	-1069	13227	0	13227	2217	15444	49.98
20	3840	337	449	4626	763	4353	0	0	4672	4532	-987	13287	0	13287	2248	15535	49.97
21	3488	184	449	4121	753	4273	0	0	4681	4508	-1011	12644	0	12644	2204	14848	49.95
22	3497	132	460	4089	673	4217	0	0	4404	4217	-993	12203	0	12203	2149	14352	49.97
23	3672	119	449	4240	621	3977	0	0	3898	4000	-1002	11836	0	11836	2085	13921	49.99
24	3723	109	449	4281	579	3775	0	0	3840	3415	-938	11112	0	11112	2025	13137	49.99
MUs	79.68	4.60	10.82	95.10	14.90	93.68	0.00	0.66	98.65	97.19	-21.27	280.26	0.00	280.26	47.79	328.05	49.99

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 02/Oct/2016

Position as on 6.30 Hrs of 03/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 02/Oct/2016

Position as on 6.30 Hrs of 03/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	Koradi Unit-8	660	26/09/2016	21.37	02/10/2016	14.57	Zero schedule.	
MSPGCL	Parli Unit 6	250	30/09/2016	21.51		Continued.	Zero scheduling.from 30/09/2016.	
IPP	WPCL U-3	135	01/10/2016	23.15	02/10/2016	01.04	Low furnace pressure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 03/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 2	IntraState	02/10/2016	08.19	02/10/2016	10.54	PO	Attending Hot Spot
400 KV LINE Outages/Trippings							
Kolhapur Solapur(PG) I	InterState	30/09/2016	20.57		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	01/10/2016	22.32	02/10/2016	09.35	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	02/10/2016	01.54	02/10/2016	09.37	T	Over Voltage
Dabhol Nagothane I	InterState	02/10/2016	11.55	02/10/2016	17.59	PO	Emergency outage for IPS tube work.
Chakan Talegaon(Pg)	InterState	02/10/2016	12.21	02/10/2016	19.13	HT	Heavy sparking on Y PH isolator.
Kolhapur Solapur (PG) II	InterState	03/10/2016	02.01		Continued.	T	Over Voltage
Karad-Jaigad - I	IntraState	30/09/2016	20.35		Continued.	HT	Over Voltage
Ektuni-Bableswhar 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
Padghe - Kalwa-II	IntraState	02/10/2016	09.29	02/10/2016	14.00	PO	Routine Maintenance Work
Jejuri- Koyanastage-IV	IntraState	02/10/2016	09.51	02/10/2016	17.09	PO	Disc Insulator Replacement Work
Main Bus I @ Chandrapur Sw	IntraState	02/10/2016	11.09	02/10/2016	17.57	PO	Routine Maintenance Work
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							
Talandage - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Talandage end)
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.
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
Nagothane - Spcl	IntraState	02/10/2016	01.20	02/10/2016	06.20	T	Tripped at Nagotahne end only
Mururd - Tuljapur	IntraState	02/10/2016	01.56	02/10/2016	13.44	T	LA Burst at Murud
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.
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