

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Oct/2016 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	78.193	78.193	1) Gujrat	2.115	2.115
2) Hydro	8.008	8.008	2) Madhya Pradesh	8.724	8.724
3) Gas	10.640	10.640	3) Chattisgarh	7.450	7.450
Total MSPGCL	96.841	96.841	4) Maharashtra Net	87.899	87.899
B) 1) APML	60.815	60.815	5) Goa (Amona)	-0.616	-0.616
2) JSWEL	20.852	20.852	Total	105.572	105.572
3) VIPL	12.859	12.859	a) Mumbai Schedule	19.329	19.329
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	23.030	23.030
5) WPCL	1.275	1.275	c) MSEDCL Bilateral *	24.139	24.139
6) PGPL	0.000	0.000	Include PX	-3.153	-3.153
7) Other IPP	2.216	2.216	d) Mumbai Bilateral *	19.329	19.329
C) 1) TPCL Thermal	14.934	14.934	Include PX	0.187	0.187
2) TPCL Hydro	3.460	3.460	Include Standby	0.000	0.000
3) TPCL Gas	4.437	4.437	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.678	10.678	1) MSEDCL	293.194	293.194
D) STATE			2) Mumbai Discoms	56.539	56.539
1) Thermal	201.822	201.822	TOTAL STATE	349.733	349.733
(A1+C1+C4+(B1-B6))					
2) Hydro	11.468	11.468			
(A2+C2)					
3) Gas	15.077	15.077			
(A3+B6+C3)					
4) Wind	15.370	15.370			
6) SOLAR	0.424	0.424			
TOTAL STATE	244.161	244.161			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3296	3354	3446	3028
MSPGCL Hydro	1300	343	956	53
MSPGCL Gas	440	438	446	444
MSPGCL Total Generation	5036	4135	4848	3525
Central Sector Receipt	4832	4633	4694	3249
WIND	418	391	873	865
CPP / IPP Thermal	4074	4119	4737	3637
CPP / IPP Gas	0	0	0	0
SOLAR	35	59	0	0
Exchange with Mumbai	-1091	-1166	-1017	-664
MSEDCL DEMAND MET	13304	12171	14135	10612
Load Shedding	0	0	0	0
MSEDCL DEMAND	13304	12171	14135	10612
TPCL GENERATION	1275	1212	1163	701
R-INFRA GENERATION	510	509	509	387
MUMBAI DEMAND	2876	2887	2689	1752
STATE DEMAND MET	16180	15058	16824	12364
STATE DEMAND	16180	15058	16824	12364
Frequency (Hz)	49.96	49.96	49.98	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 17:03 Hrs	49.74 Hz at 18:24 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 01/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	0.00	0.00	0	0
Total	0.00	0.00		
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	4.05	185	143
Unit 4	3.85	3.85	184	123
Unit 5	8.97	8.97	415	330
Unit 6	8.86	8.86	400	330
Unit 7	8.62	8.62	380	336
Unit 8	8.80	8.80	490	250
Total	43.16	43.16		
Paras				
Unit 3	5.53	5.53	250	188
Unit 4	5.10	5.10	245	184
Total	10.62	10.62		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	2.93	2.93	195	0
Unit 4	0.00	0.00	0	0
Unit 5	7.39	7.39	340	250
Total	10.31	10.31		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.38	4.38	206	162
Unit 5	4.32	4.32	201	160
Total	8.71	8.71		
Uran				
All Units	10.64	10.64	456	432
Total	10.64	10.64		
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)	0.86	0.86	53	20
Total	0.86	0.86		
Koyna				
Stage 1-2	3.11	3.11	440	40
Stage 4	2.12	2.12	694	0
Stage 3	1.25	1.25	160	0
Total	6.48	6.48		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.25	0.25	57	0
TILLARI	0.25	0.25	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.39	0.39	80	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.36	0.36	24	12
GHATGHAR	0.27	0.27	120	0
Total	1.52	1.52		
Wind				
Total	15.37	15.37	0	0
Total	15.37	15.37		
CPP				
APML(Mus)	60.82	60.82	0	0
JSWEL(Mus)	20.85	20.85	0	0
VIPL(Mus)	12.86	12.86	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	1.28	1.28	0	0
Other(Mus)	2.22	2.22	0	0
Total	98.02	98.02		
SOLAR				
Total	0.42	0.42	0	0
Total	0.42	0.42		
Tata				
Trombay 5	9.55	9.55	487	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.82	2.82	120	115
Trombay 7B	1.62	1.62	69	66
Trombay 8	5.39	5.39	247	191
TATA Hydro	3.46	3.46	369	16
Total	22.83	22.83		
R-INFRA				
1-2	10.68	10.68	510	385
Total	10.68	10.68		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	4.98	4.98
Koradi 9	0.41	0.41
Koradi 10	0.00	0.00
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	78.19	78.19
MSPGCL Thml+Gas	88.83	88.83
MSPGCL Hydro	8.01	8.01

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	96.84	96.84
Koyna 1,2 & 4 Total	5.23	5.23
State Total	244.16	244.16

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/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	3062	53	441	3556	695	3964	0	0	4222	3885	-1003	11097	0	11097	2086	13183	49.99
2	3079	53	442	3574	784	3740	0	0	3839	3649	-848	10899	0	10899	1925	12824	50.00
3	3045	58	444	3547	858	3627	0	0	3251	3423	-740	10715	0	10715	1826	12541	49.97
4	3028	53	444	3525	865	3637	0	0	3127	3249	-664	10612	0	10612	1752	12364	49.95
5	3028	58	443	3529	851	3636	0	0	3635	3700	-668	11048	0	11048	1753	12801	49.94
6	3042	143	447	3632	782	3341	0	0	4302	4538	-739	11554	0	11554	1844	13398	49.92
7	3283	358	443	4084	800	3735	0	0	4467	4578	-822	12375	0	12375	1957	14332	49.94
8	3252	423	442	4117	800	4033	0	12	4508	4749	-812	12899	0	12899	2085	14984	49.94
9	3302	565	441	4308	548	4063	0	40	4677	4746	-760	12945	0	12945	2318	15263	49.96
10	3230	1112	445	4787	496	4077	0	50	4739	4778	-926	13262	0	13262	2657	15919	49.95
11	3296	1300	440	5036	418	4074	0	35	4843	4832	-1091	13304	0	13304	2876	16180	49.96
12	3357	589	451	4397	392	4107	0	61	4946	4699	-1108	12548	0	12548	2906	15454	49.97
13	3354	343	438	4135	391	4119	0	59	4920	4633	-1166	12171	0	12171	2887	15058	49.96
14	3395	94	450	3939	328	4136	0	52	4872	4472	-1096	11831	0	11831	2678	14509	50.05
15	3393	52	438	3883	316	4164	0	42	4846	4414	-1069	11750	0	11750	2658	14408	49.99
16	3286	62	432	3780	359	4262	0	32	4844	4681	-1185	11929	0	11929	2582	14511	49.96
17	3281	107	448	3836	439	4382	0	28	4769	4837	-1236	12286	0	12286	2554	14840	49.98
18	3494	107	443	4044	543	4396	0	13	4754	4523	-1034	12485	0	12485	2559	15044	49.97
19	3443	652	434	4529	767	4554	0	0	4877	4945	-943	13852	0	13852	2629	16481	49.90
20	3446	956	446	4848	873	4737	0	0	4664	4694	-1017	14135	0	14135	2689	16824	49.98
21	3335	344	446	4125	833	4620	0	0	4763	4603	-967	13214	0	13214	2580	15794	49.98
22	3314	191	456	3961	754	4562	0	0	4732	4552	-938	12891	0	12891	2360	15251	49.98
23	3233	188	447	3868	741	4109	0	0	4885	4608	-1158	12168	0	12168	2251	14419	49.96
24	3215	147	439	3801	737	3940	0	0	4141	3784	-1040	11222	0	11222	2127	13349	49.98
MUs	78.19	8.01	10.64	96.84	15.37	98.02	0.00	0.42	107.62	105.57	-23.03	293.19	0.00	293.19	56.54	349.73	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 01/Oct/2016

Position as on 6.30 Hrs of 02/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	Koradi Unit 9	660	04/06/2016	14.45	01/10/2016	17.40	No concent to operate	
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 01/Oct/2016

Position as on 6.30 Hrs of 02/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 3	210	17/09/2016	20.40	01/10/2016	05.37	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	30/09/2016	23.21	01/10/2016	22.02	Wet Coal	
CPP	WPCL U-4	135	01/10/2016	00.30	01/10/2016	10.42	Wet Coal	
IPP	Adani U-3	660	01/10/2016	05.13	01/10/2016	14.19	Boiler Master Fuel Trip.	
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 01/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 02/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	30/09/2016	23.26	01/10/2016	07.03	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	01/10/2016	02.02	01/10/2016	07.26	T	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.
New Koyna - Dabhol-I	IntraState	26/09/2016	09.22	01/10/2016	11.52	PO	String Replacement/ Bend cross-arm and peak replacment Work.
Bhusawal-Aurangabad	IntraState	30/09/2016	17.07	01/10/2016	06.38	HT	Over Voltage
Nagothane - Dabhol I	IntraState	30/09/2016	18.05	01/10/2016	06.44	T	IPS tube broken and fall down.(RFC 21.14Hrs)
Karad-Jaigad - I	IntraState	30/09/2016	20.35		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	01/10/2016	00.30	01/10/2016	06.43	HT	Over Voltage
Deepnagar Taptitanda	IntraState	01/10/2016	09.18	01/10/2016	11.52	PO	Jumper Tightening and Fixing of Nut Bolts
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- Koynastage-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							
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.
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
Chakan-Chinchwad	IntraState	30/09/2016	21.26	01/10/2016	05.14	PO	Constrction Work.
Telco- Chinchwad	IntraState	30/09/2016	21.28	01/10/2016	05.10	PO	Constrction Work.
Khadka-Bhadli-2	IntraState	01/10/2016	10.53	01/10/2016	22.12	T	Distance Protection
Mahad - Posco	IntraState	01/10/2016	11.35	01/10/2016	17.00	PO	Testing Work
Nagothane - Spcl	IntraState	02/10/2016	01.20	02/10/2016	06.20	T	Tripped at Nagotahne end only

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 01/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 02/Oct/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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.
220/132 Kv 100 Mva Ibt Ptr @Old Gcr Parli	IntraState	01/10/2016	14.30	01/10/2016	18.27	T	Tripped on PRV
132 KV LINE Outages/Trippings							
Naldurg-Waghdari	IntraState	01/10/2016	07.40	01/10/2016	08.00	T	Distance Protection
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