

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Oct/2016 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	96.442	1164.873	1) Gujrat	8.334	86.693
2) Hydro	11.675	94.059	2) Madhya Pradesh	10.514	143.933
3) Gas	10.675	128.447	3) Chattisgarh	7.140	91.560
Total MSPGCL	118.792	1387.379	4) Maharashtra Net	89.975	1065.660
B) 1) APML	66.237	798.176	5) Goa (Amona)	-0.730	-8.882
2) JSWEL	20.574	264.738	Total	115.233	1378.964
3) VIPL	13.118	143.025	a) Mumbai Schedule	22.220	244.082
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.217	332.414
5) WPCL	5.056	47.041	c) MSEDCL Bilateral *	26.719	284.702
6) PGPL	0.000	0.000	Include PX	-3.099	-70.551
7) Other IPP	2.943	34.382	d) Mumbai Bilateral *	22.220	244.082
C) 1) TPCL Thermal	15.999	174.732	Include PX	0.828	3.923
2) TPCL Hydro	5.240	41.498	Include Standby	0.000	0.000
3) TPCL Gas	4.469	57.176	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.002	125.823	1) MSEDCL	322.337	3894.250
D) STATE			2) Mumbai Discoms	60.927	731.655
1) Thermal	231.371	2752.790	TOTAL STATE	383.264	4625.905
(A1+C1+C4+(B1-B6))					
2) Hydro	16.915	135.557			
(A2+C2)					
3) Gas	15.144	185.623			
(A3+B6+C3)					
4) Wind	3.235	160.251			
6) SOLAR	1.366	12.708			
TOTAL STATE	268.031	3246.929			

* 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 4 Hrs
MSPGCL Thermal	4148	4090	4143	3620
MSPGCL Hydro	817	638	1933	55
MSPGCL Gas	445	407	396	450
MSPGCL Total Generation	5410	5135	6472	4125
Central Sector Receipt	4994	5261	5107	3875
WIND	179	104	142	231
CPP / IPP Thermal	4569	4573	4554	4269
CPP / IPP Gas	0	0	0	0
SOLAR	149	16	0	0
Exchange with Mumbai	-1034	-1062	-1024	-685
MSEDCL DEMAND MET	14267	14027	15251	11815
Load Shedding	0	0	0	0
MSEDCL DEMAND	14267	14027	15251	11815
TPCL GENERATION	1272	1374	1338	696
R-INFRA GENERATION	501	508	502	387
MUMBAI DEMAND	2807	2944	2864	1768
STATE DEMAND MET	17074	16971	18115	13583
STATE DEMAND	17074	16971	18115	13583
Frequency (Hz)	49.94	49.94	50.00	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 13.01 Hrs	49.78 Hz at 17.44 Hrs	49.96	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 13/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	10.17	127.01	517	370
Total	10.17	127.01		
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	30.86	0	0
Unit 4	4.28	40.39	188	162
Unit 5	9.71	117.73	440	365
Unit 6	10.28	119.95	460	360
Unit 7	9.19	115.47	413	350
Unit 8	10.63	119.38	489	360
Total	44.10	543.79		
Paras				
Unit 3	5.54	64.44	256	188
Unit 4	5.67	64.41	255	184
Total	11.21	128.85		
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	11.18	129.51	500	360
Total	11.18	147.84		
Nasik				
Unit 3	4.40	26.06	200	165
Unit 4	4.47	53.93	208	166
Unit 5	0.00	27.27	0	0
Total	8.88	107.26		
Uran				
All Units	10.68	128.45	477	396
Total	10.68	128.45		
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)	1.08	9.52	53	22
Total	1.08	9.52		
Koyna				
Stage 1-2	3.80	34.60	475	40
Stage 4	4.98	17.19	990	0
Stage 3	1.45	12.68	160	0
Total	10.23	64.47		
Hydro				
KDPH	0.00	5.41	0	0
VTRNA	0.00	4.81	0	0
TILLARI	0.37	4.02	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.29	3.53	40	0
RNGR+BHTSA	0.00	1.30	0	0
BHANDARDRA	0.00	1.12	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.30	5.72	22	9
GHATGHAR	0.48	3.68	223	0
Total	1.44	29.59		
Wind				
Total	3.24	160.25	0	0
Total	3.24	160.25		
CPP				
APML(Mus)	66.24	798.18	0	0
JSWEL(Mus)	20.57	264.74	0	0
VIPL(Mus)	13.12	143.02	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	5.06	47.04	0	0
Other(Mus)	2.94	34.38	0	0
Total	107.93	1287.36		
SOLAR				
Total	1.37	12.71	0	0
Total	1.37	12.71		
Tata				
Trombay 5	10.44	108.68	488	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.84	36.20	120	115
Trombay 7B	1.63	20.97	69	66
Trombay 8	5.56	66.05	246	199
TATA Hydro	5.24	41.50	459	0
Total	25.71	273.41		
R-INFRA				
1-2	11.00	125.82	509	385
Total	11.00	125.82		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	4.71	45.74
Koradi 9	6.20	64.38
Koradi 10	0.00	0.00
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	96.44	1164.87
MSPGCL Thml+Gas	107.12	1293.32
MSPGCL Hydro	11.68	94.06

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	118.79	1387.38
Koyna 1,2 & 4 Total	8.78	51.79
State Total	268.03	3246.93

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/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	3703	70	448	4221	259	4326	0	0	4180	4273	-1068	12011	0	12011	2154	14165	49.96
2	3626	55	451	4132	252	4282	0	0	3836	3963	-842	11787	0	11787	1925	13712	49.95
3	3612	50	460	4122	234	4275	0	0	3783	3910	-744	11797	0	11797	1827	13624	49.95
4	3620	55	450	4125	231	4269	0	0	3767	3875	-685	11815	0	11815	1768	13583	49.99
5	3530	115	459	4104	176	4280	0	0	3935	4217	-678	12099	0	12099	1761	13860	49.98
6	3762	325	463	4550	182	4323	0	0	4527	4472	-711	12816	0	12816	1830	14646	49.94
7	4063	355	454	4872	198	4537	0	2	4626	4653	-663	13599	0	13599	2023	15622	49.92
8	4175	462	463	5100	163	4565	0	39	4706	4723	-743	13847	0	13847	2165	16012	49.99
9	4168	768	436	5372	146	4573	0	98	4883	5076	-1037	14228	0	14228	2565	16793	49.99
10	4148	817	445	5410	179	4569	0	149	5083	4994	-1034	14267	0	14267	2807	17074	49.94
11	4197	308	432	4937	138	4575	0	177	5120	5156	-1218	13765	0	13765	3088	16853	49.95
12	4089	173	434	4696	95	4590	0	193	5238	5293	-1249	13618	0	13618	3109	16727	49.95
13	4104	90	434	4628	60	4578	0	195	5207	5029	-1354	13136	0	13136	3070	16206	49.96
14	4131	90	433	4654	31	4571	0	175	5132	5209	-1236	13404	0	13404	2970	16374	49.96
15	4174	235	422	4831	30	4593	0	149	5117	5193	-1204	13592	0	13592	3019	16611	49.92
16	4178	265	426	4869	29	4593	0	108	5121	5157	-1155	13601	0	13601	3039	16640	49.94
17	4124	484	460	5068	61	4558	0	65	5095	5213	-1112	13853	0	13853	2994	16847	49.91
18	4090	638	407	5135	104	4573	0	16	5159	5261	-1062	14027	0	14027	2944	16971	49.94
19	4088	1647	477	6212	163	4562	0	0	5216	5242	-1048	15131	0	15131	2928	18059	49.98
20	4143	1933	396	6472	142	4554	0	0	5214	5107	-1024	15251	0	15251	2864	18115	50.00
21	4193	1350	477	6020	120	4551	0	0	5188	5103	-1134	14660	0	14660	2762	17422	49.98
22	4228	797	446	5471	76	4548	0	0	5018	4982	-1013	14064	0	14064	2561	16625	50.00
23	4197	354	456	5007	79	4547	0	0	4998	4690	-1059	13264	0	13264	2471	15735	49.97
24	4099	239	446	4784	87	4535	0	0	4432	4442	-1144	12704	0	12704	2283	14987	49.97
MUs	96.44	11.68	10.68	118.79	3.24	107.93	0.00	1.37	114.58	115.23	-24.22	322.34	0.00	322.34	60.93	383.26	49.96

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 13/Oct/2016

Position as on 6.30 Hrs of 14/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 13/Oct/2016

Position as on 6.30 Hrs of 14/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	
MSPGCL	Chandrapur Unit 3	210	12/10/2016	21.08		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 14/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	12/10/2016	20.32	13/10/2016	08.17	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	13/10/2016	18.10		Continued.	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	14/10/2016	00.36		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	08/10/2016	17.20	13/10/2016	09.28	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	08/10/2016	21.30		Continued.	HT	Over Voltage
Ektuni-Bableswhar ckt I	IntraState	09/10/2016	12.29		Continued.	PO	Hot Spot on Isolator(RFC from 17.36HrsDt.10-10-2016)
karad -kolhapur-I	IntraState	12/10/2016	18.29	13/10/2016	09.23	T	Due to Heavy Sparking on 29D Isolator.
Lonikand I - Koyna stage-IV	IntraState	13/10/2016	01.05	13/10/2016	07.25	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	13/10/2016	11.09	13/10/2016	17.59	PO	Insulator Replacement Work
Chandrapur-II - Nanded	IntraState	13/10/2016	13.32	13/10/2016	16.24	PO	isolator alignment problem work
Lonikand I - Koyna stage-IV	IntraState	14/10/2016	03.32	14/10/2016	06.25	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315 Mva ICT III @Karad	IntraState	13/10/2016	16.09	13/10/2016	18.09	EO	Hot spot on bushing
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.
Bableswhar- Ranjangaon	IntraState	06/06/2016	07.22		Continued.	HT	Hand Tripped for Ranjangaon End.
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
Bhugaon-WardhaPG (Deoli)	IntraState	11/10/2016	14.34	13/10/2016	02.00	HT	B Phase Wave Trap Jumper Opened @ Bhugaon End.
Kharghar - Tss Panvel	IntraState	12/10/2016	13.06		Continued.	PO	Bunching Work & Height Raising of Towers for Cidco's Metro Rail Bridge Near Kharghar.
Telco- Chinchwad	IntraState	13/10/2016	09.06		Continued.	PO	Annual Maintenance Work
Centuri Enka- Bhosari	IntraState	13/10/2016	10.30	13/10/2016	18.53	PO	Testing 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 @Bableswhar	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.

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