

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Oct/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	108.258	1088.018	1) Gujrat	-4.852	-13.476
2) Hydro	3.676	114.777	2) Madhya Pradesh	10.778	138.728
3) Gas	6.628	77.517	3) Chattisgarh	6.970	73.480
Total MSPGCL	118.562	1280.312	4) Maharashtra Net	120.587	1243.492
B) 1) APML	51.181	446.896	5) Goa (Amona)	-0.352	-1.980
2) JSWEL	24.029	256.067	Total	133.131	1440.244
3) VIPL	11.845	83.800	a) Mumbai Schedule	22.096	293.691
4) RPL(AMT)	10.493	125.612	b) Mumbai Drawl	34.440	343.873
5) WPCL	1.751	19.320	c) MSEDCL Bilateral *	40.430	344.455
6) PGPL	0.000	0.000	Include PX	1.326	49.157
7) Other IPP	5.821	61.979	d) Mumbai Bilateral *	22.096	293.410
C) 1) TPCL Thermal	14.416	152.036	Include PX	1.147	71.139
2) TPCL Hydro	3.595	43.289	Include Standby	0.000	0.281
3) TPCL Gas	2.474	29.163	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	8.844	59.305	1) MSEDCL	327.171	3441.569
D) STATE			2) Mumbai Discoms	63.771	627.667
1) Thermal	236.638	2293.033	TOTAL STATE	390.942	4069.236
(A1+C1+C4+(B1-B6))					
2) Hydro	7.271	158.066			
(A2+C2)					
3) Gas	9.102	106.680			
(A3+B6+C3)					
4) Wind	3.047	47.812			
6) SOLAR	1.751	23.400			
TOTAL STATE	257.809	2628.991			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 18 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4503	4510	4583	4454
MSPGCL Hydro	129	350	495	68
MSPGCL Gas	285	271	272	275
MSPGCL Total Generation	4917	5131	5350	4797
Central Sector Receipt	6263	5576	5611	4860
WIND	56	217	260	62
CPP / IPP Thermal	4458	4785	4984	3759
CPP / IPP Gas	0	0	0	0
SOLAR	268	10	0	0
Exchange with Mumbai	-1733	-1642	-1378	-1047
MSEDCL DEMAND MET	14229	14077	14826	12431
Load Shedding	0	0	0	0
MSEDCL DEMAND	14229	14077	14826	12431
TPCL GENERATION	1111	994	1216	611
R-INFRA GENERATION	375	427	442	280
MUMBAI DEMAND	3219	3063	3036	1938
STATE DEMAND MET	17448	17140	17862	14369
STATE DEMAND	17448	17140	17862	14369
Frequency (Hz)	50.03	49.90	49.91	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 13.02 Hrs	49.77 Hz at 21.05 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 10/Oct/2017

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	10.87	107.79	491	426
Unit 9	0.00	0.00	0	0
Unit 10	10.88	97.03	490	420
Total	21.76	204.82		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	7.48	77.30	350	300
Unit 5	7.64	78.10	350	305
Total	15.12	155.40		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.30	43.55	183	170
Unit 7	4.28	30.67	184	169
Unit 8	0.00	10.92	0	0
Total	8.58	85.14		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	28.26	0	0
Unit 5	9.34	91.94	425	355
Unit 6	0.00	39.40	0	0
Unit 7	9.79	90.19	450	360
Unit 8	9.88	74.45	470	360
Unit 9	9.81	66.64	489	350
Total	38.81	390.88		
Paras				
Unit 3	1.57	37.17	177	0
Unit 4	4.53	39.49	234	164
Total	6.10	76.66		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	3.17	8.39	200	0
Unit 5	8.60	89.78	375	330
Total	11.78	98.17		
Nasik				
Unit 3	2.04	28.75	155	0
Unit 4	0.00	7.83	0	0
Unit 5	4.08	40.37	187	157
Total	6.12	76.95		
Uran				
All Units	6.63	77.52	288	267
Total	6.63	77.52		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.76	3.70	37	30
Total	0.76	3.70		
Koyna				
Stage 1-2	1.68	39.80	310	40
Stage 4	0.10	44.59	101	0
Stage 3	0.65	18.82	178	0
Total	2.42	103.21		
Hydro				
KDPH	0.00	0.18	0	0
VTRNA	0.33	2.38	61	0
TILLARI	0.00	0.12	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.25	3.03	80	0
RNGR+BHTSA	0.32	2.83	14	13
BHANDARDRA	0.00	0.50	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.36	2.29	16	15
GHATGHAR	0.00	0.24	0	0
Total	1.25	11.57		
Wind				
Total	3.05	47.81	0	0
Total	3.05	47.81		
CPP				
APML(Mus)	51.18	446.90	0	0
JSWEL(Mus)	24.03	256.07	0	0
VIPL(Mus)	11.84	83.80	0	0
RPLAMT(Mus)	10.49	125.61	0	0
WPCL(Mus)	1.75	19.32	0	0
Other(Mus)	5.82	61.98	0	0
Total	105.12	993.67		
SOLAR				
Total	1.75	23.40	0	0
Total	1.75	23.40		
Tata				
Trombay 5	9.28	96.99	488	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.38	16.73	72	50
Trombay 7B	1.10	12.43	53	41
Trombay 8	5.14	55.05	244	201
TATA Hydro	3.60	43.29	408	0
Total	20.48	224.49		
R-INFRA				
DTPS U-1&2	8.84	59.30	498	197
Total	8.84	59.30		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	108.26	1088.02	MSPGCL Total	118.56	1280.31
			MSPGCL Thml+Gas	114.89	1165.54	Koyna 1,2 & 4 Total	1.78	84.39
			MSPGCL Hydro	3.68	114.78	State Total	257.81	2628.99

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/Oct/2017

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	4491	75	273	4839	129	4074	0	0	5337	5062	-1558	12546	0	12546	2372	14918	49.97
2	4475	69	274	4818	115	3941	0	0	5253	5073	-1364	12583	0	12583	2171	14754	49.99
3	4454	74	286	4814	79	3824	0	0	5076	5062	-1171	12608	0	12608	2006	14614	50.02
4	4454	68	275	4797	62	3759	0	0	4981	4860	-1047	12431	0	12431	1938	14369	49.99
5	4468	103	274	4845	63	3701	0	0	5307	5336	-955	12990	0	12990	1931	14921	49.96
6	4714	217	284	5215	54	4166	0	0	5378	5333	-1022	13746	0	13746	2010	15756	49.91
7	4820	157	275	5252	63	4634	0	3	5816	5472	-1127	14297	0	14297	2122	16419	49.95
8	4775	73	276	5124	40	4433	0	46	6076	5846	-1356	14132	0	14132	2350	16482	50.01
9	4759	119	278	5156	52	4374	0	134	5991	5882	-1590	14008	0	14008	2593	16601	50.01
10	4744	209	288	5241	41	4542	0	201	6013	5803	-1891	13936	0	13936	2994	16930	50.02
11	4595	191	277	5063	54	4558	0	238	6308	6090	-1833	14170	0	14170	3142	17312	50.04
12	4503	129	285	4917	56	4458	0	268	6490	6263	-1733	14229	0	14229	3219	17448	50.03
13	4336	79	271	4686	75	4150	0	258	6265	6257	-1699	13728	0	13728	3198	16926	50.01
14	4193	73	269	4535	91	4181	0	232	5918	5902	-1504	13437	0	13437	3072	16509	49.96
15	4060	73	267	4400	175	4137	0	209	6246	6334	-1553	13702	0	13702	3096	16798	49.93
16	4070	78	268	4416	242	4101	0	103	6303	6389	-1597	13655	0	13655	3094	16749	49.92
17	4328	387	270	4985	246	4369	0	49	5563	5617	-1480	13786	0	13786	3086	16872	49.90
18	4510	350	271	5131	217	4785	0	10	5624	5576	-1642	14077	0	14077	3063	17140	49.90
19	4583	495	272	5350	260	4984	0	0	5715	5611	-1378	14826	0	14826	3036	17862	49.91
20	4640	184	276	5100	276	4974	0	0	5838	5570	-1353	14567	0	14567	2972	17539	49.99
21	4651	68	283	5002	202	4894	0	0	5344	5286	-1280	14104	0	14104	2781	16885	49.94
22	4643	173	275	5091	183	4746	0	0	5062	5004	-1420	13604	0	13604	2629	16233	49.93
23	4664	98	275	5037	118	4850	0	0	5032	4640	-1488	13157	0	13157	2494	15651	49.99
24	4328	134	286	4748	154	4484	0	0	5061	4864	-1399	12851	0	12851	2400	15251	49.94
MUs	108.26	3.68	6.63	118.56	3.05	105.12	0.00	1.75	136.00	133.13	-34.44	327.17	0.00	327.17	63.77	390.94	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 10/Oct/2017

Position as on 6.30 Hrs of 11/Oct/2017

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.	
CENT.SECTOR	TARAPUR 4	540	23/04/2017	19:55		Continued.	Annual Maintenance	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
MSPGCL	Koradi Unit 9	660	07/09/2017	00.38		Continued.	Coal shortage form 12.09.2017 converted to AOH dt.1.10.2017.	
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	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		Continued.	No PPA	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Shutdown	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
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. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
CPP	SWPGL U-3	135	26/08/2017	17.40		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 3	210	27/08/2017	07.43		Continued.	Coal Shortage From 29.08.2017.	
MSPGCL	Khaparkhedha Unit 1	210	08/09/2017	12.23		Continued.	Coal Shortage	
MSPGCL	Khaparkhedha Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	12/09/2017	00.12		Continued.	Coal Shortage	
IPP	RPL(AMT) U-3	270	17/09/2017	00.02		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	17/09/2017	02.01		Continued.	Coal Shortage	
RINFRA-G	REL Unit 2	250	22/09/2017	00.11	10/10/2017	02.24	Coal Shortage	
MSPGCL	Khaparkhedha Unit 2	210	25/09/2017	06.50		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 4	210	03/10/2017	00.08		Continued.	Coal Shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 10/Oct/2017

Position as on 6.30 Hrs of 11/Oct/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Parli Unit 8	250	03/10/2017	17.00		Continued.	Coal Shortage	
MSPGCL	Uran Unit 7	108	05/10/2017	00.06		Continued.	Gas Turbine Work	
MSPGCL	Uran Unit B0	120	05/10/2017	00.11		Continued.	Gas Turbine Work	
IPP	Adani U-3	660	05/10/2017	04.07		Continued.	Control Valve Problem	
IPP	RPL(AMT) U-1	270	06/10/2017	00.45		Continued.	Problem in submerged Scrapper chain	
MSPGCL	Chandrapur Unit 6	500	07/10/2017	00.35		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 4	210	08/10/2017	22.57		Continued.	Coal Shortage	
IPP	JSW (J) U2	300	10/10/2017	04.13	10/10/2017	07.21	Flame Failure	
MSPGCL	Paras Unit 3	250	10/10/2017	09.55		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 4	210	10/10/2017	11.30	10/10/2017	16.32	Furnace Pressure High	
MSPGCL	Nasik Unit 3	210	10/10/2017	13.35		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 11/Oct/2017

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							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line converted as 220 kV Solapur (PG)- Jeur from LOC 403
Dhule Sar'Sarovar I	InterState	07/10/2017	19.22	10/10/2017	06.10	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	10/10/2017	19.14	11/10/2017	05.37	HT	Over Voltage
karad -kolhapur-II	IntraState	05/10/2017	23.23		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	06/10/2017	15.03		Continued.	EO	To attend Hot Spot
Chandrapur-II - Nanded ckt II	IntraState	09/10/2017	11.32		Continued.	PO	Routine Maintenance Work
Bhusawal-Aurangabad	IntraState	09/10/2017	21.25		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	09/10/2017	22.02	10/10/2017	11.05	HT	Over Voltage
Koradi-Bhusawal	IntraState	10/10/2017	15.20	10/10/2017	18.18	PO	Attending Hot Spot
Karad-Jaigad - I	IntraState	10/10/2017	22.09		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	11/10/2017	02.29	11/10/2017	06.27	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT I @Babhleshwar	IntraState	10/10/2017	17.43		Continued.	PO	Oil Filtration Work.
400/220 Kv 500 Mva Ict 1 @Lamboti	IntraState	10/10/2017	21.35	11/10/2017	00.11	T	Due To OSR Y-Phase.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	NO SCHEDULE.
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	NO SCHEDULE.
Mahalakshmi Amona	InterState	11/10/2017	02.14	11/10/2017	07.42	T	Tripped at Amona end only
Tillari Amona	InterState	11/10/2017	03.51	11/10/2017	07.39	T	Tripped at Amona end only
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper 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 jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Pusad - Hingoli	IntraState	11/09/2017	20.06		Continued.	HT	Distance Relay Faulty at pusad end
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	B Phase CT Burst at Pedambe End
Nanded-Ghatodi	IntraState	09/10/2017	17.25		Continued.	T	Distance Protection
Parli 3 (Old Gcr)-Girwali Ckt 2	IntraState	10/10/2017	02.50	10/10/2017	06.22	T	Bus Bar Protection Operated
Parli 3(Old Gcr)-Parli Newtps Ckt-2	IntraState	10/10/2017	02.50	10/10/2017	04.16	T	Bus Bar Protection Operated
Parli 3(Old Gcr)-Parli Newtps Ckt 1	IntraState	10/10/2017	02.50	10/10/2017	03.48	T	Bus Bar Protection Operated
Parli 3 (Oldgcr)-Harangul Ckt 2	IntraState	10/10/2017	02.50	10/10/2017	03.50	T	Bus Bar Protection Operated
Parli 3 (Oldgcr)-Harangul Ckt I	IntraState	10/10/2017	02.50	10/10/2017	04.16	T	Bus Bar Protection Operated
Parli 3 (Old Gcr)-Osmanabad	IntraState	10/10/2017	02.50	10/10/2017	Continued.	T	Bus Bar Protection Operated
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	10/10/2017	02.50	10/10/2017	04.35	T	Bus Bar Protection Operated
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	10/10/2017	02.50	10/10/2017	04.32	T	Bus Bar Protection Operated
Deepnagar Amalner	IntraState	10/10/2017	07.09	10/10/2017	16.41	T	Distance Protection
Chalishaon -Babhaleshwar	IntraState	10/10/2017	13.21		Continued.	T	Distance Protection
Uran - Apta III	IntraState	10/10/2017	14.21	10/10/2017	18.39	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)
220/110kv 100MVA ICT-II @Miraj	IntraState	18/09/2017	11.27		Continued.	PO	Replacement Of Ict-2.

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 10/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 11/Oct/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 100 Mva lbt Ptr @Old Gcr Parli	IntraState	10/10/2017	02.50	10/10/2017	05.30	T	Bus Bar Protection Operated
220/132KV 100MVA ICT-I @ Satara	IntraState	10/10/2017	09.20	10/10/2017	18.32	PO	Quarterly Maintainance Work
220/132 kv 150MVA ICT II@ GCR Nashik	IntraState	10/10/2017	09.48	10/10/2017	15.18	PO	Diagnostic Testing Work.
220/22 Kv 50 Mva Ptr 1 @Lonikand	IntraState	11/10/2017	00.10	11/10/2017	02.33	T	Distance Protection
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	04/10/2017	09.59	10/10/2017	18.02	PO	Line Extension Work.
Mansar Pench	InterState	04/10/2017	10.10	10/10/2017	17.53	PO	Outage at pench end
Kanhan Pench	InterState	04/10/2017	10.10	10/10/2017	17.53	PO	C B Replacement Work.
Gangakhed- Sonpeth Ckt-li	IntraState	09/10/2017	21.30		Continued.	T	Distance Protection
Gangakhed - Kandhar	IntraState	10/10/2017	00.05	10/10/2017	00.25	T	Distance Protection
Malinagar-Bawda	IntraState	11/10/2017	01.56	11/10/2017	02.30	T	Distance Protection

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