

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 31/Oct/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	136.553	3641.446	1) Gujrat	0.785	-52.797
2) Hydro	2.849	192.577	2) Madhya Pradesh	8.774	327.482
3) Gas	6.805	231.683	3) Chattisgarh	5.480	192.440
Total MSPGCL	146.207	4065.706	4) Maharashtra Net	117.340	3547.140
B) 1) APML	42.926	1480.150	5) Goa (Amona)	-0.572	-7.920
2) JSWEL	24.083	759.137	Total	131.807	4006.345
3) VIPL	13.048	322.725	a) Mumbai Schedule	21.962	721.708
4) RPL(AMT)	17.592	308.699	b) Mumbai Drawl	30.127	983.844
5) WPCL	2.033	58.058	c) MSEDCL Bilateral *	30.759	1035.197
6) PGPL	0.000	0.000	Include PX	2.018	48.159
7) Other IPP	3.480	174.207	d) Mumbai Bilateral *	21.962	720.447
C) 1) TPCL Thermal	12.619	424.814	Include PX	3.599	117.017
2) TPCL Hydro	4.738	120.382	Include Standby	0.000	1.261
3) TPCL Gas	3.811	85.514	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.935	269.568	1) MSEDCL	362.315	10426.298
D) STATE			2) Mumbai Discoms	61.230	1884.112
1) Thermal	262.269	7438.804	TOTAL STATE	423.545	12310.410
(A1+C1+C4+(B1-B6))					
2) Hydro	7.587	312.959			
(A2+C2)					
3) Gas	10.616	317.197			
(A3+B6+C3)					
4) Wind	7.960	148.635			
6) SOLAR	3.306	86.480			
TOTAL STATE	291.738	8304.075			

* 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 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 1 Hrs
MSPGCL Thermal	5734	5763	5894	5415
MSPGCL Hydro	280	144	228	57
MSPGCL Gas	276	262	271	291
MSPGCL Total Generation	6290	6169	6393	5763
Central Sector Receipt	5775	6095	5639	4825
WIND	549	722	198	329
CPP / IPP Thermal	4849	4758	4788	3409
CPP / IPP Gas	0	0	0	0
SOLAR	466	445	0	0
Exchange with Mumbai	-1397	-1477	-1344	-1281
MSEDCL DEMAND MET	16532	16712	15674	13045
Load Shedding	0	0	0	0
MSEDCL DEMAND	16532	16712	15674	13045
TPCL GENERATION	1187	1157	1199	620
R-INFRA GENERATION	492	381	428	375
MUMBAI DEMAND	3076	3015	2971	2276
STATE DEMAND MET	19608	19727	18645	15321
STATE DEMAND	19608	19727	18645	15321
Frequency (Hz)	49.89	49.98	50.01	49.92

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 06.01 Hrs	49.74 Hz at 16.33 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 31/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	3.88	22.01	170	127
Unit 8	8.76	298.56	460	309
Unit 9	0.03	0.03	27	0
Unit 10	9.87	328.50	460	350
Total	22.54	649.10		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.62	13.79	165	0
Unit 4	8.44	264.70	355	350
Unit 5	8.60	264.42	360	350
Total	20.66	542.91		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	60.41	0	0
Unit 7	0.00	34.96	0	0
Unit 8	4.48	66.21	202	177
Total	4.48	161.57		
Chandrapur				
Unit 3	0.00	0.08	0	0
Unit 4	0.00	88.58	0	0
Unit 5	8.93	251.42	395	355
Unit 6	9.07	168.13	400	332
Unit 7	10.16	299.27	464	360
Unit 8	10.12	226.74	473	349
Unit 9	10.57	268.95	498	360
Total	48.85	1303.18		
Paras				
Unit 3	5.16	126.49	239	182
Unit 4	5.21	149.56	239	180
Total	10.38	276.05		
Khaparkheda				
Unit 1	3.64	30.08	165	130
Unit 2	3.82	68.60	180	145
Unit 3	0.00	0.00	0	0
Unit 4	3.66	83.03	165	145
Unit 5	9.96	292.00	465	360
Total	21.08	473.71		
Nasik				
Unit 3	0.00	92.52	0	0
Unit 4	4.41	80.74	200	162
Unit 5	4.16	61.66	190	150
Total	8.57	234.92		
Uran				
All Units	6.80	231.68	307	260
Total	6.80	231.68		
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)	0.52	16.90	26	10
Total	0.52	16.90		
Koyna				
Stage 1-2	1.62	76.62	310	40
Stage 4	0.00	47.31	0	0
Stage 3	0.33	29.99	80	0
Total	1.94	153.93		
Hydro				
KDPH	0.00	2.03	0	0
VTRNA	0.00	5.00	0	0
TILLARI	0.00	0.23	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	7.73	40	0
RNGR+BHTSA	0.40	10.14	17	16
BHANDARDRA	0.00	1.80	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	4.99	0	0
GHATGHAR	0.23	6.72	83	0
Total	0.90	38.65		
Wind				
Total	7.96	148.64	0	0
Total	7.96	148.64		
CPP				
APML(Mus)	42.93	1480.15	0	0
JSWEL(Mus)	24.08	759.14	0	0
VIPL(Mus)	13.05	322.72	0	0
RPLAMT(Mus)	17.59	308.70	0	0
WPCL(Mus)	2.03	58.06	0	0
Other(Mus)	3.48	174.21	0	0
Total	103.16	3102.98		
SOLAR				
Total	3.31	86.48	0	0
Total	3.31	86.48		
Tata				
Trombay 5	7.33	262.15	376	290
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.37	49.07	115	70
Trombay 7B	1.44	36.44	66	51
Trombay 8	5.28	162.67	249	199
TATA Hydro	4.74	120.38	459	0
Total	21.17	630.71		
R-INFRA				
DTPS U-1&2	9.94	269.57	500	374
Total	9.94	269.57		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	136.55	3641.45	MSPGCL Total	146.21	4065.71
			MSPGCL Thml+Gas	143.36	3873.13	Koyna 1,2 & 4 Total	1.62	123.93
			MSPGCL Hydro	2.85	192.58	State Total	291.74	8304.08

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 31/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	5415	57	291	5763	329	3409	0	0	4645	4825	-1281	13045	0	13045	2276	15321	49.92
2	5396	57	293	5746	347	3413	0	0	4668	4884	-1057	13333	0	13333	2052	15385	49.89
3	5402	62	294	5758	391	3501	0	0	4680	4977	-959	13668	0	13668	1959	15627	49.94
4	5359	72	297	5728	401	3627	0	0	4848	4861	-882	13735	0	13735	1878	15613	49.97
5	5528	57	307	5892	385	3650	0	0	4849	5143	-859	14211	0	14211	1856	16067	49.97
6	5840	62	297	6199	313	4005	0	0	5009	5338	-895	14960	0	14960	1925	16885	49.95
7	5924	57	288	6269	266	4684	0	6	5339	5210	-795	15640	0	15640	2033	17673	49.94
8	5981	172	307	6460	208	4834	0	110	5243	5371	-876	16107	0	16107	2224	18331	49.91
9	5909	142	293	6344	137	4650	0	239	5608	5506	-1164	15712	0	15712	2453	18165	49.94
10	5870	79	287	6236	238	4861	0	353	5515	5408	-1393	15703	0	15703	2872	18575	49.98
11	5746	191	269	6206	364	4875	0	448	5717	6049	-1352	16590	0	16590	2990	19580	49.94
12	5734	280	276	6290	549	4849	0	466	6298	5775	-1397	16532	0	16532	3076	19608	49.89
13	5763	144	262	6169	722	4758	0	445	6249	6095	-1477	16712	0	16712	3015	19727	49.98
14	5803	96	262	6161	664	4580	0	446	6038	6098	-1580	16369	0	16369	2923	19292	50.01
15	5848	79	271	6198	509	4613	0	386	6334	6213	-1555	16364	0	16364	2954	19318	49.97
16	5821	66	261	6148	397	4707	0	256	6380	6263	-1502	16269	0	16269	2968	19237	49.93
17	5826	326	260	6412	263	4743	0	128	5944	6071	-1415	16202	0	16202	2936	19138	49.89
18	5876	176	278	6330	171	4749	0	23	5686	5558	-1355	15476	0	15476	2921	18397	49.96
19	5894	228	271	6393	198	4788	0	0	5643	5639	-1344	15674	0	15674	2971	18645	50.01
20	5849	202	282	6333	191	4618	0	0	5600	5604	-1323	15423	0	15423	2867	18290	50.00
21	5792	56	297	6145	259	4249	0	0	5634	5300	-1505	14448	0	14448	2741	17189	50.03
22	5471	71	279	5821	228	3751	0	0	5488	5326	-1475	13651	0	13651	2540	16191	50.02
23	5317	61	290	5668	239	3648	0	0	5249	5117	-1382	13290	0	13290	2438	15728	49.95
24	5189	56	293	5538	191	3598	0	0	5093	5176	-1304	13199	0	13199	2362	15561	49.98
MUs	136.55	2.85	6.80	146.21	7.96	103.16	0.00	3.31	131.76	131.81	-30.13	362.32	0.00	362.32	61.23	423.55	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 31/Oct/2017

Position as on 6.30 Hrs of 01/Nov/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	31/10/2017	23.07	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	Khaparkheda Unit 3	210	12/09/2017	00.00		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	
MSPGCL	Parli Unit 7	250	12/10/2017	00.00		Continued.	ZERO SCHEDULE.	
MSPGCL	Parli Unit 6	250	14/10/2017	17.04		Continued.	zero schedule by msedcl.	
IPP	Adani U-2	660	18/10/2017	05.58		Continued.	aph support bearing abnormal sound and oil leakage.	
MSPGCL	Chandrapur Unit 3	210	25/10/2017	00.45		Continued.	Boiler Tube Leakage	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
IPP	Adani U-5	660	28/10/2017	20.47		Continued.	ash handling problem.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 31/Oct/2017

Position as on 6.30 Hrs of 01/Nov/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 4	210	29/10/2017	04.45		Continued.	Auxiliary supply failure	
MSPGCL	Uran Unit 5	108	30/10/2017	04.05	01/11/2017	06.20	Gas shortage	
MSPGCL	Nasik Unit 3	210	30/10/2017	23.35		Continued.	GOVERNING SYSTEM PROBLEM.	
MSPGCL	Bhusawal Unit 3	210	31/10/2017	22.37		Continued.	Coal Shortage	
CPP	SWPGL U-4	135	01/11/2017	00.02		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 7	210	01/11/2017	00.05		Continued.	Poor Coal Receipt.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 31/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 01/Nov/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	30/10/2017	18.16		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	26/10/2017	15.16		Continued.	PO	SCADA work (RFC 19.53Hrs Dt.27/10/2017)
Khadka-Aurangabad (Waluj)	IntraState	30/10/2017	18.13	31/10/2017	11.44	HT	Over Voltage
karad -kolhapur-I	IntraState	30/10/2017	18.27	31/10/2017	09.28	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	30/10/2017	22.14		Continued.	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	31/10/2017	05.02	31/10/2017	12.01	EO	Attending Hot Spot
karad -kolhapur-I	IntraState	31/10/2017	11.59		Continued.	EO	Attending Hot Spot (RFC 19.10)
Khadka-Aurangabad (Waluj)	IntraState	31/10/2017	17.19		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 315 MVA ICT -I @New Koyana	IntraState	31/10/2017	12.18	31/10/2017	21.24	PO	Routine Maintenance Work
400/132 Kv 200 Mva Ict 2 @Khadka	IntraState	31/10/2017	13.38	31/10/2017	15.51	EO	To attend Hot Spot
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.
Borivali - Tarapur	InterState	26/10/2017	11.01		Continued.	HT	Zone-II Main Bus outage
Solapur(PG)- Jeur	InterState	31/10/2017	10.17	31/10/2017	17.05	T	Distance Protection
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.
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	B Phase CT Burst at Pedambe End
Oni Kharepatan Line	IntraState	31/10/2017	09.20	31/10/2017	15.15	T	Routine Maintenance Work
Taloja II - OCIL-I	IntraState	31/10/2017	10.50	31/10/2017	17.49	PO	Routine Maintenance Work
Nagothane - Ipcl	IntraState	31/10/2017	12.17	31/10/2017	19.23	PO	BUS MAIN WORK AT IPCL
Kharepatan -Pawas Line	IntraState	31/10/2017	15.22	31/10/2017	17.06	PO	BUS SECTION OUTAGE AT KHAREPATHAN
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)
220/33kV 100 MVA Transformer 3 @Ghodbunder R/S	IntraState	29/10/2017	09:26		Continued.	PO	Refurbishment of 100 MVA-3 Transformer under SIS DPR scheme
220/100 Kv 100 MVA ICT II @Kandalgaon	IntraState	31/10/2017	10.00	31/10/2017	21.35	PO	Routine Maintenance Work
220KV/132KV 200MVA ICT III @ Miraj	IntraState	31/10/2017	12.31	31/10/2017	18.06	PO	Routine Maintenance Work
132 KV LINE Outages/Trippings							
Ambazari-Mankapur 1	IntraState	30/10/2017	16.54		Continued.	T	Distance Protection

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