

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 30/Oct/2017 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	138.209	3504.893	1) Gujrat	0.191	-53.582
2) Hydro	3.613	189.728	2) Madhya Pradesh	6.348	318.708
3) Gas	7.381	224.878	3) Chattisgarh	5.290	186.960
Total MSPGCL	149.203	3919.499	4) Maharashtra Net	114.495	3429.800
B) 1) APML	42.345	1437.224	5) Goa (Amona)	-0.286	-7.348
2) JSWEL	24.800	735.054	Total	126.038	3874.538
3) VIPL	12.983	309.677	a) Mumbai Schedule	22.706	699.746
4) RPL(AMT)	17.714	291.107	b) Mumbai Drawl	28.982	953.717
5) WPCL	1.094	56.025	c) MSEDCL Bilateral *	27.728	1004.438
6) PGPL	0.000	0.000	Include PX	0.000	46.141
7) Other IPP	2.733	170.727	d) Mumbai Bilateral *	22.294	698.485
C) 1) TPCL Thermal	12.465	412.195	Include PX	3.724	113.418
2) TPCL Hydro	5.282	115.644	Include Standby	0.411	1.261
3) TPCL Gas	3.761	81.703	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.569	259.633	1) MSEDCL	359.650	10063.983
D) STATE			2) Mumbai Discoms	61.059	1822.882
1) Thermal	262.912	7176.535	TOTAL STATE	420.709	11886.865
(A1+C1+C4+(B1-B6))					
2) Hydro	8.895	305.372			
(A2+C2)					
3) Gas	11.142	306.581			
(A3+B6+C3)					
4) Wind	8.435	140.675			
6) SOLAR	3.287	83.174			
TOTAL STATE	294.671	8012.337			

* 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 2 Hrs
MSPGCL Thermal	5878	5876	5922	5339
MSPGCL Hydro	381	261	358	62
MSPGCL Gas	265	273	270	443
MSPGCL Total Generation	6524	6410	6550	5844
Central Sector Receipt	6053	5865	5344	4593
WIND	421	538	245	351
CPP / IPP Thermal	4759	4796	4785	3325
CPP / IPP Gas	0	0	0	0
SOLAR	482	496	0	0
Exchange with Mumbai	-1395	-1370	-1291	-1038
MSEDCL DEMAND MET	16844	16735	15633	13075
Load Shedding	0	0	0	0
MSEDCL DEMAND	16844	16735	15633	13075
TPCL GENERATION	1185	1184	1179	619
R-INFRA GENERATION	501	500	498	377
MUMBAI DEMAND	3081	3054	2968	2034
STATE DEMAND MET	19925	19789	18601	15109
STATE DEMAND	19925	19789	18601	15109
Frequency (Hz)	49.99	49.98	49.94	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 13.02 Hrs	49.8 Hz at 05.20 Hrs	49.98	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 30/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	3.80	18.13	165	150
Unit 8	9.22	289.81	420	345
Unit 9	0.00	0.00	0	0
Unit 10	10.54	318.63	465	400
Total	23.56	626.57		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.84	10.17	160	160
Unit 4	8.46	256.26	360	350
Unit 5	8.53	255.82	365	350
Total	20.83	522.25		
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	4.65	61.72	205	184
Total	4.65	157.09		
Chandrapur				
Unit 3	0.00	0.08	0	0
Unit 4	0.00	88.58	0	0
Unit 5	9.31	242.49	405	360
Unit 6	9.32	159.07	405	339
Unit 7	10.25	289.10	460	362
Unit 8	10.46	216.63	500	355
Unit 9	10.02	258.38	476	360
Total	49.35	1254.33		
Paras				
Unit 3	5.21	121.33	235	190
Unit 4	5.18	144.35	230	190
Total	10.39	265.68		
Khaparkheda				
Unit 1	3.40	26.44	155	120
Unit 2	3.65	64.78	165	130
Unit 3	0.00	0.00	0	0
Unit 4	3.80	79.37	169	150
Unit 5	9.72	282.04	455	360
Total	20.57	452.63		
Nasik				
Unit 3	3.78	92.52	166	84
Unit 4	4.39	76.33	202	164
Unit 5	0.68	57.50	150	14
Total	8.85	226.35		
Uran				
All Units	7.38	224.88	444	262
Total	7.38	224.88		
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	16.38	27	10
Total	0.52	16.38		
Koyna				
Stage 1-2	1.80	75.01	315	40
Stage 4	0.00	47.31	0	0
Stage 3	0.76	29.66	160	0
Total	2.56	151.98		
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.	0.23	7.45	40	0
RNGR+BHTSA	0.39	9.75	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	0.43	6.50	125	0
Total	1.05	37.75		
Wind				
Total	8.44	140.68	0	0
Total	8.44	140.68		
CPP				
APML(Mus)	42.34	1437.22	0	0
JSWEL(Mus)	24.80	735.05	0	0
VIPL(Mus)	12.98	309.68	0	0
RPLAMT(Mus)	17.71	291.11	0	0
WPCL(Mus)	1.09	56.02	0	0
Other(Mus)	2.73	170.73	0	0
Total	101.67	2999.81		
SOLAR				
Total	3.29	83.17	0	0
Total	3.29	83.17		
Tata				
Trombay 5	7.04	254.81	297	288
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.33	46.70	115	65
Trombay 7B	1.43	35.00	66	49
Trombay 8	5.42	157.38	248	198
TATA Hydro	5.28	115.64	459	0
Total	21.51	609.54		
R-INFRA				
DTPS U-1&2	10.57	259.63	501	375
Total	10.57	259.63		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	138.21	3504.89	MSPGCL Total	149.20	3919.50
			MSPGCL Thml+Gas	145.59	3729.77	Koyna 1,2 & 4 Total	1.80	122.32
			MSPGCL Hydro	3.61	189.73	State Total	294.67	8012.34

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/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	5385	57	429	5871	323	3360	0	0	4756	4624	-1187	12991	0	12991	2189	15180	49.97
2	5339	62	443	5844	351	3325	0	0	4744	4593	-1038	13075	0	13075	2034	15109	50.00
3	5369	62	444	5875	397	3318	0	0	4722	4607	-915	13282	0	13282	1903	15185	50.02
4	5375	72	431	5878	403	3290	0	0	4711	4645	-836	13380	0	13380	1817	15197	50.01
5	5590	67	297	5954	391	3456	0	0	4778	4904	-807	13898	0	13898	1790	15688	49.98
6	5829	112	306	6247	341	3719	0	1	5045	5143	-815	14636	0	14636	1850	16486	49.92
7	5936	105	298	6339	323	4417	0	10	5495	5168	-798	15459	0	15459	1959	17418	49.96
8	5937	136	298	6371	228	4756	0	97	5409	5124	-862	15714	0	15714	2128	17842	49.97
9	5889	141	303	6333	184	4746	0	246	5522	5292	-1012	15789	0	15789	2411	18200	49.98
10	5834	161	276	6271	208	4741	0	369	5551	4993	-1256	15326	0	15326	2849	18175	49.99
11	5870	281	280	6431	302	4737	0	451	5792	5664	-1305	16280	0	16280	2986	19266	49.98
12	5878	381	265	6524	421	4759	0	482	6009	6053	-1395	16844	0	16844	3081	19925	49.99
13	5876	261	273	6410	538	4796	0	496	5856	5865	-1370	16735	0	16735	3054	19789	49.98
14	5848	84	262	6194	669	4716	0	437	5743	5875	-1497	16394	0	16394	2964	19358	50.01
15	5823	66	262	6151	598	4663	0	351	5801	5883	-1543	16103	0	16103	2987	19090	49.94
16	5854	61	269	6184	511	4784	0	232	5791	6062	-1342	16431	0	16431	3011	19442	49.94
17	5856	419	263	6538	358	4782	0	98	5410	5618	-1294	16100	0	16100	2972	19072	49.91
18	5810	221	275	6306	249	4783	0	17	5213	5159	-1259	15255	0	15255	2935	18190	49.96
19	5922	358	270	6550	245	4785	0	0	5229	5344	-1291	15633	0	15633	2968	18601	49.94
20	5935	195	282	6412	236	4623	0	0	5400	5375	-1340	15306	0	15306	2914	18220	49.99
21	6003	128	296	6427	213	4242	0	0	5378	5097	-1489	14490	0	14490	2730	17220	50.01
22	5988	61	279	6328	286	3824	0	0	5235	5026	-1459	14005	0	14005	2603	16608	50.01
23	5595	66	289	5950	335	3602	0	0	5098	4931	-1449	13369	0	13369	2492	15861	49.96
24	5468	56	291	5815	325	3443	0	0	4688	4993	-1423	13153	0	13153	2432	15585	49.98
MUs	138.21	3.61	7.38	149.20	8.44	101.67	0.00	3.29	127.38	126.04	-28.98	359.65	0.00	359.65	61.06	420.71	49.98

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 30/Oct/2017

Position as on 6.30 Hrs of 31/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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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.	
MSPGCL	Nasik Unit 5	210	14/10/2017	21.05	30/10/2017	17.20	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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 30/Oct/2017

Position as on 6.30 Hrs of 31/Oct/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	Adani U-5	660	28/10/2017	20.47		Continued.	ash handling problem.	
MSPGCL	Chandrapur Unit 4	210	29/10/2017	04.45		Continued.	Auxiliary supply failure	
MSPGCL	Uran Unit 5	108	30/10/2017	04.05		Continued.	Gas shortage	
MSPGCL	Nasik Unit 3	210	30/10/2017	23.35		Continued.	GOVERNING SYSTEM PROBLEM.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 31/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 II	InterState	28/10/2017	17.41	30/10/2017	09.26	HT	Over Voltage
Dhule Khandwa II	InterState	30/10/2017	11.01	30/10/2017	17.00	PO	Insulator Replacement Work
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)
Jaigad-Karad Ckt-I	IntraState	28/10/2017	23.41	30/10/2017	09.59	HT	Over Voltage
karad -kolhapur-II	IntraState	30/10/2017	00.16	30/10/2017	08.15	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	30/10/2017	00.23	30/10/2017	09.59	HT	Over Voltage
koaradi II - Wardha(PG)	IntraState	30/10/2017	09.43	30/10/2017	13.37	PO	Nut Bolts Hardware Tightening.
Bableshwar- Aurangabad (Waluj)	IntraState	30/10/2017	12.28	30/10/2017	19.50	PO	Taken on TBC for hot spot attending
Bus Coupler @ Karad	IntraState	30/10/2017	14.28	30/10/2017	20.34	EO	Attending Hot Spot
Khadka-Aurangabad (Waluj)	IntraState	30/10/2017	18.13		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	30/10/2017	18.27		Continued.	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		Continued.	EO	Attending Hot Spot
400 KV ICT Outages/Trippings							
400/132 Kv 200 Mva Ict 1 @Khadka	IntraState	30/10/2017	11.12	30/10/2017	17.43	PO	Taken on TBC for Breaker DCRM & RMW
400/220KV 500MVA ICT-I @Nanded	IntraState	30/10/2017	17.44	30/10/2017	19.47	T	R PH PRV OPERATED TRIPPED
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
Tillari Amona	InterState	29/10/2017	23.25	30/10/2017	10.04	T	Over Voltage
Mahalakshmi Amona	InterState	29/10/2017	23.30	30/10/2017	10.00	T	Over Voltage
Khaparkheda-Butibori 3	InterState	30/10/2017	11.21	30/10/2017	15.38	PO	MEASUREMENT OF TAN DELTA OF CT.
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
Mumewadi-Belewadi	IntraState	30/10/2017	08.20	30/10/2017	16.08	PO	Replacement of Line Isolator
Kolhapur - 5 Star Ckt I	IntraState	30/10/2017	11.00	30/10/2017	16.54	PO	Testing of Distance Protection Relay and IR Value Measurment and R M Work
Warora - Hinganghat	IntraState	30/10/2017	11.19	30/10/2017	14.54	PO	Disc Insulator Replacement Work
Mudshingi-Belewadi	IntraState	30/10/2017	16.30	30/10/2017	19.30	PO	Isolator Maintenance 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	30/10/2017	13.21	PO	Replacement 220/110KV 100 MVA ICT 2 by new 220/132-110KV 200 MVA ICT(Kept on Humming from

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 30/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 31/Oct/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							27.10.2017)
220/132/11 Kv 200 Mva Trans & Rect lct 1 @Amravati	IntraState	30/10/2017	09.17	30/10/2017	19.34	PO	Attending Oil Leakage
132 KV LINE Outages/Trippings							
Malegaon - Risod	IntraState	30/10/2017	04.45	30/10/2017	15.55	T	WITHOUT ANY INDICATION.
Ambazari-Mankapur-li	IntraState	30/10/2017	15.55	30/10/2017	21.29	T	Distance Protection
Ambazari-Mankapur 1	IntraState	30/10/2017	16.54		Continued.	T	Distance Protection