

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Oct/2017 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.457	2033.878	1) Gujrat	-4.293	-52.464
2) Hydro	2.420	148.587	2) Madhya Pradesh	7.481	209.773
3) Gas	6.571	130.232	3) Chattisgarh	6.240	121.620
Total MSPGCL	139.448	2312.697	4) Maharashtra Net	114.800	2153.740
B) 1) APML	49.180	849.379	5) Goa (Amona)	-0.374	-3.982
2) JSWEL	24.491	454.777	Total	123.854	2428.687
3) VIPL	10.560	161.339	a) Mumbai Schedule	20.460	452.550
4) RPL(AMT)	0.556	193.245	b) Mumbai Drawl	37.516	609.356
5) WPCL	1.869	38.647	c) MSEDCL Bilateral *	30.731	624.057
6) PGPL	0.000	0.000	Include PX	0.000	49.325
7) Other IPP	5.732	112.338	d) Mumbai Bilateral *	20.460	451.700
C) 1) TPCL Thermal	14.358	256.139	Include PX	1.736	81.450
2) TPCL Hydro	0.991	71.476	Include Standby	0.000	0.850
3) TPCL Gas	2.401	48.746	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.113	140.094	1) MSEDCL	327.277	6060.350
D) STATE			2) Mumbai Discoms	64.379	1125.808
1) Thermal	246.316	4239.836	TOTAL STATE	391.656	7186.158
(A1+C1+C4+(B1-B6))					
2) Hydro	3.411	220.063			
(A2+C2)					
3) Gas	8.972	178.978			
(A3+B6+C3)					
4) Wind	5.727	72.162			
6) SOLAR	3.376	46.435			
TOTAL STATE	267.802	4757.474			

* 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 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5148	5146	5714	5019
MSPGCL Hydro	265	185	57	71
MSPGCL Gas	266	254	272	286
MSPGCL Total Generation	5679	5585	6043	5376
Central Sector Receipt	6020	5814	5540	4125
WIND	155	131	352	251
CPP / IPP Thermal	3736	3745	4251	4159
CPP / IPP Gas	0	0	0	0
SOLAR	481	493	0	0
Exchange with Mumbai	-1863	-1880	-1720	-1103
MSEDCL DEMAND MET	14208	13888	14466	12808
Load Shedding	0	0	0	0
MSEDCL DEMAND	14208	13888	14466	12808
TPCL GENERATION	939	921	872	605
R-INFRA GENERATION	376	375	376	376
MUMBAI DEMAND	3178	3176	2968	2084
STATE DEMAND MET	17386	17064	17434	14892
STATE DEMAND	17386	17064	17434	14892
Frequency (Hz)	49.97	49.99	50.02	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 13.03 Hrs	49.86 Hz at 05.12 Hrs	50	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 18/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	11.12	191.28	500	375
Unit 9	0.00	0.00	0	0
Unit 10	11.71	183.49	525	440
Total	22.83	374.77		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	8.83	145.08	470	355
Unit 5	8.98	144.02	490	355
Total	17.82	289.09		
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	3.02	26.94	172	0
Total	3.02	122.30		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	4.23	46.32	195	162
Unit 5	9.32	167.11	420	360
Unit 6	8.85	84.77	420	334
Unit 7	9.85	170.40	464	353
Unit 8	9.89	148.83	500	357
Unit 9	9.67	141.99	466	356
Total	51.81	759.42		
Paras				
Unit 3	4.85	57.78	235	170
Unit 4	5.04	80.62	238	185
Total	9.90	138.41		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.79	17.88	185	140
Unit 3	0.00	0.00	0	0
Unit 4	3.91	37.75	185	155
Unit 5	9.60	165.08	450	360
Total	17.30	220.71		
Nasik				
Unit 3	3.81	46.55	163	154
Unit 4	3.98	25.81	187	160
Unit 5	0.00	56.82	0	0
Total	7.79	129.18		
Uran				
All Units	6.57	130.23	290	254
Total	6.57	130.23		
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)	0.71	9.73	37	10
Total	0.71	9.73		
Koyna				
Stage 1-2	1.20	53.21	100	40
Stage 4	0.00	45.92	0	0
Stage 3	0.56	24.07	160	0
Total	1.76	123.20		
Hydro				
KDPH	0.00	2.03	0	0
VTRNA	0.00	4.68	0	0
TILLARI	0.00	0.23	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	4.83	80	0
RNGR+BHTSA	0.36	5.22	15	14
BHANDARDRA	0.01	1.80	14	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.05	4.53	2	2
GHATGHAR	0.00	2.07	0	0
Total	0.66	25.38		
Wind				
Total	5.73	72.16	0	0
Total	5.73	72.16		
CPP				
APML(Mus)	49.18	849.38	0	0
JSWEL(Mus)	24.49	454.78	0	0
VIPL(Mus)	10.56	161.34	0	0
RPLAMT(Mus)	0.56	193.24	0	0
WPCL(Mus)	1.87	38.65	0	0
Other(Mus)	5.73	112.34	0	0
Total	92.39	1809.72		
SOLAR				
Total	3.38	46.44	0	0
Total	3.38	46.44		
Tata				
Trombay 5	9.11	158.58	486	303
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.33	27.64	57	54
Trombay 7B	1.07	21.11	46	43
Trombay 8	5.25	97.56	241	199
TATA Hydro	0.99	71.48	159	3
Total	17.75	376.36		
R-INFRA				
DTPS U-1&2	9.11	140.09	456	375
Total	9.11	140.09		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	130.46	2033.88	MSPGCL Total	139.45	2312.70
			MSPGCL Thml+Gas	137.03	2164.11	Koyna 1,2 & 4 Total	1.20	99.13
			MSPGCL Hydro	2.42	148.59	State Total	267.80	4757.47

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/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	5222	75	274	5571	264	4235	0	0	4666	4314	-1506	12878	0	12878	2492	15370	50.01
2	5011	56	274	5341	260	4385	0	0	4565	4500	-1267	13220	0	13220	2249	15469	50.00
3	5019	71	286	5376	251	4159	0	0	4579	4125	-1103	12808	0	12808	2084	14892	50.00
4	5086	61	276	5423	298	3815	0	0	4647	4395	-1008	12923	0	12923	1988	14911	50.01
5	5293	77	276	5646	318	3835	0	0	4710	4645	-974	13470	0	13470	1950	15420	49.97
6	5910	62	287	6259	338	3794	0	0	5043	4863	-1048	14206	0	14206	2037	16243	49.96
7	6086	62	279	6427	333	3713	0	7	5594	5049	-1024	14505	0	14505	2125	16630	50.03
8	5597	67	290	5954	314	3606	0	82	5683	5675	-1279	14352	0	14352	2276	16628	50.03
9	5387	57	279	5723	230	3611	0	210	5740	5513	-1515	13772	0	13772	2532	16304	50.00
10	5194	109	286	5589	162	3535	0	355	5344	5693	-1766	13568	0	13568	2903	16471	49.96
11	5169	310	270	5749	147	3580	0	422	5377	5553	-1815	13636	0	13636	3088	16724	49.96
12	5148	265	266	5679	155	3736	0	481	5615	6020	-1863	14208	0	14208	3178	17386	49.97
13	5146	185	254	5585	131	3745	0	493	5595	5814	-1880	13888	0	13888	3176	17064	49.99
14	5189	142	263	5594	138	3712	0	447	5495	5814	-1819	13886	0	13886	3110	16996	50.02
15	5219	118	263	5600	191	3718	0	376	5519	5748	-1793	13840	0	13840	3151	16991	49.96
16	5620	62	267	5949	184	3681	0	280	5547	5504	-1871	13727	0	13727	3144	16871	50.00
17	5450	84	266	5800	131	3685	0	164	5187	5468	-1895	13353	0	13353	3087	16440	50.03
18	5724	130	270	6124	190	3943	0	53	5121	4806	-1765	13351	0	13351	2928	16279	50.06
19	5724	57	271	6052	310	4153	0	6	5399	5519	-1758	14282	0	14282	2934	17216	50.04
20	5714	57	272	6043	352	4251	0	0	5377	5540	-1720	14466	0	14466	2968	17434	50.02
21	5736	57	271	6064	347	4034	0	0	5246	5279	-1751	13973	0	13973	2881	16854	50.01
22	5745	72	273	6090	268	3829	0	0	4819	5076	-1766	13497	0	13497	2776	16273	50.00
23	5594	117	284	5995	213	3809	0	0	4405	4720	-1716	13021	0	13021	2708	15729	50.01
24	5474	67	274	5815	202	3823	0	0	4267	4218	-1614	12444	0	12444	2614	15058	50.02
MUs	130.46	2.42	6.57	139.45	5.73	92.39	0.00	3.38	123.54	123.85	-37.52	327.28	0.00	327.28	64.38	391.65	50.00

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 18/Oct/2017

Position as on 6.30 Hrs of 19/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	Bhusawal Unit 3	210	27/08/2017	07.43		Continued.	Coal Shortage From 29.08.2017.	
MSPGCL	Khaparkheda Unit 1	210	08/09/2017	12.23		Continued.	Coal Shortage	
MSPGCL	Khaparkheda 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	
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	RPL(AMT) U-1	270	06/10/2017	00.45		Continued.	Problem in submerged Scrapper chain. (Coal	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 18/Oct/2017

Position as on 6.30 Hrs of 19/Oct/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							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		Continued.	zero schedule by msedcl.	
IPP	RPL(AMT) U-4	270	16/10/2017	14.47		Continued.	Flame Failure Converted into zero schedule.(21.30 hrs. Dt 16-10-2017)	
MSPGCL	Parli Unit 8	250	17/10/2017	22.08	18/10/2017	03.00	Drum level low	
IPP	RPL(AMT) U-2	270	18/10/2017	02.57		Continued.	zero schedule.	
IPP	Adani U-2	660	18/10/2017	05.58		Continued.	aph support bearing abnormal sound and oil leakage.	
MSPGCL	Parli Unit 8	250	18/10/2017	22.18		Continued.	Zero Schedule By MSEDCL	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 19/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	17/10/2017	21.35	18/10/2017	05.59	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	18/10/2017	17.27		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	19/10/2017	01.53		Continued.	T	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	06/10/2017	15.03		Continued.	EO	To attend Hot Spot
Karad-Jaigad - I	IntraState	16/10/2017	18.39		Continued.	HT	Over Voltage
Bus Coupler @ Kharghar	IntraState	17/10/2017	10.36	18/10/2017	12.57	HT	Isolator sparking.
karad -kolhapur-I	IntraState	17/10/2017	17.28		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	17/10/2017	21.34	18/10/2017	11.23	HT	Over Voltage
Main Bus A @Kharghar	IntraState	18/10/2017	00.13	18/10/2017	12.57	PO	pg isolator replacement.
Bhusawal-Aurangabad	IntraState	18/10/2017	19.09		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	18/10/2017	23.52		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT I @Babhleshwar	IntraState	10/10/2017	17.43	18/10/2017	19.16	PO	Oil Filtration Work.
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.
Vasai Boiser(PG)	InterState	15/10/2017	10.02		Continued.	PO	Reorientation work.
Tillari Amona	InterState	17/10/2017	23.02	18/10/2017	11.15	T	Over Voltage
Mahalakshmi Amona	InterState	17/10/2017	23.02	18/10/2017	11.40	T	Over Voltage
Borivali - Tarapur	InterState	18/10/2017	13.17	18/10/2017	16.35	T	Distance Protection
Mahalakshmi Amona	InterState	19/10/2017	00.19		Continued.	T	Over Voltage
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
Pusad-Ghatodi	IntraState	17/10/2017	17.10	18/10/2017	17.05	T	to sparking on bph bus side iso. at pusad end.
Kharghar-Borivali ckt I	IntraState	17/10/2017	23.23	18/10/2017	00.25	T	to control ict loading at kharghar.
Ambazari-Abhijeet	IntraState	18/10/2017	10.03	18/10/2017	13.45	PO	Attending Hot Spot
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.
132 KV LINE Outages/Trippings							
Gangakhed - Kandhar	IntraState	18/10/2017	12.30	18/10/2017	13.55	PO	Line Maintenance work
Kurkumbh-Daund	IntraState	19/10/2017	03.40	19/10/2017	04.04	T	Distance Protection

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