

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 12/Oct/2017 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	102.594	1295.399	1) Gujrat	-3.298	-20.784
2) Hydro	4.338	123.020	2) Madhya Pradesh	10.775	160.454
3) Gas	6.593	90.792	3) Chattisgarh	7.200	87.620
Total MSPGCL	113.525	1509.211	4) Maharashtra Net	113.628	1470.542
B) 1) APML	57.875	556.909	5) Goa (Amona)	-0.110	-2.200
2) JSWEL	26.325	304.832	Total	128.195	1695.632
3) VIPL	5.979	99.577	a) Mumbai Schedule	17.440	331.131
4) RPL(AMT)	10.433	146.104	b) Mumbai Drawl	31.832	408.755
5) WPCL	2.799	24.887	c) MSEDCL Bilateral *	38.637	422.441
6) PGPL	0.000	0.000	Include PX	0.000	50.680
7) Other IPP	7.554	76.099	d) Mumbai Bilateral *	17.440	330.850
C) 1) TPCL Thermal	14.874	180.734	Include PX	0.551	72.115
2) TPCL Hydro	4.103	50.741	Include Standby	0.000	0.281
3) TPCL Gas	2.591	34.333	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.379	79.050	1) MSEDCL	325.325	4086.609
D) STATE			2) Mumbai Discoms	63.780	753.615
1) Thermal	238.812	2763.591	TOTAL STATE	389.105	4840.224
(A1+C1+C4+(B1-B6))					
2) Hydro	8.441	173.761			
(A2+C2)					
3) Gas	9.184	125.125			
(A3+B6+C3)					
4) Wind	1.634	53.627			
6) SOLAR	2.838	28.486			
TOTAL STATE	260.909	3144.590			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 17 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4275	4399	4439	3991
MSPGCL Hydro	195	232	735	84
MSPGCL Gas	269	278	272	287
MSPGCL Total Generation	4739	4909	5446	4362
Central Sector Receipt	6208	5693	5872	4462
WIND	54	98	58	45
CPP / IPP Thermal	4500	4358	5048	4371
CPP / IPP Gas	0	0	0	0
SOLAR	396	119	0	0
Exchange with Mumbai	-1866	-1609	-1261	-866
MSEDCL DEMAND MET	14030	13568	15163	12374
Load Shedding	0	0	0	0
MSEDCL DEMAND	14030	13568	15163	12374
TPCL GENERATION	947	1102	1282	602
R-INFRA GENERATION	375	448	498	376
MUMBAI DEMAND	3188	3159	3041	1844
STATE DEMAND MET	17218	16727	18204	14218
STATE DEMAND	17218	16727	18204	14218
Frequency (Hz)	50.03	49.94	49.96	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 09.01 Hrs	49.76 Hz at 18.15 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 12/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	11.10	128.00	570	298
Unit 9	0.00	0.00	0	0
Unit 10	10.21	118.44	460	355
Total	21.31	246.44		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	7.50	92.23	350	300
Unit 5	7.57	93.22	350	300
Total	15.06	185.45		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.36	52.29	187	176
Unit 7	0.00	34.96	0	0
Unit 8	0.00	10.92	0	0
Total	4.36	98.16		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	28.26	0	0
Unit 5	9.15	110.19	400	360
Unit 6	0.00	39.40	0	0
Unit 7	9.79	109.69	458	353
Unit 8	8.70	92.62	425	304
Unit 9	9.73	86.82	500	305
Total	37.37	466.99		
Paras				
Unit 3	0.00	37.17	0	0
Unit 4	4.89	49.49	226	184
Total	4.89	86.67		
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	3.74	16.15	165	146
Unit 5	9.42	107.96	430	360
Total	13.17	124.10		
Nasik				
Unit 3	0.00	28.75	0	0
Unit 4	2.17	10.00	190	0
Unit 5	4.26	48.85	192	166
Total	6.43	87.59		
Uran				
All Units	6.59	90.79	288	265
Total	6.59	90.79		
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	5.22	34	30
Total	0.76	5.22		
Koyna				
Stage 1-2	1.56	42.98	215	30
Stage 4	0.41	45.00	250	0
Stage 3	0.46	20.13	160	0
Total	2.42	108.11		
Hydro				
KDPH	0.00	0.18	0	0
VTRNA	0.30	3.27	61	0
TILLARI	0.00	0.12	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	3.38	70	0
RNGR+BHTSA	0.32	3.45	14	13
BHANDARDRA	0.35	1.01	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.25	2.79	11	10
GHATGHAR	0.48	0.72	125	0
Total	1.92	14.91		
Wind				
Total	1.63	53.63	0	0
Total	1.63	53.63		
CPP				
APML(Mus)	57.88	556.91	0	0
JSWEL(Mus)	26.32	304.83	0	0
VIPL(Mus)	5.98	99.58	0	0
RPLAMT(Mus)	10.43	146.10	0	0
WPCL(Mus)	2.80	24.89	0	0
Other(Mus)	7.55	76.10	0	0
Total	110.96	1208.41		
SOLAR				
Total	2.84	28.49	0	0
Total	2.84	28.49		
Tata				
Trombay 5	9.49	115.23	489	295
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.45	19.64	70	53
Trombay 7B	1.14	14.70	53	44
Trombay 8	5.39	65.51	246	204
TATA Hydro	4.10	50.74	437	0
Total	21.57	265.81		
R-INFRA				
DTPS U-1&2	10.38	79.05	501	374
Total	10.38	79.05		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	102.59	1295.40	MSPGCL Total	113.52	1509.21
			MSPGCL Thml+Gas	109.19	1386.19	Koyna 1,2 & 4 Total	1.96	87.98
			MSPGCL Hydro	4.34	123.02	State Total	260.91	3144.59

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/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	4044	110	288	4442	39	4530	0	0	5218	4867	-1253	12624	0	12624	2231	14855	50.00
2	4022	79	278	4379	39	4404	0	0	5054	4576	-1085	12313	0	12313	2063	14376	50.02
3	4005	89	278	4372	45	4407	0	0	4651	4528	-946	12407	0	12407	1927	14334	50.00
4	3991	84	287	4362	45	4371	0	0	4601	4462	-866	12374	0	12374	1844	14218	49.97
5	3984	79	275	4338	56	4407	0	0	4688	4800	-853	12748	0	12748	1830	14578	49.94
6	4235	84	277	4596	63	4702	0	0	5176	5041	-937	13466	0	13466	1921	15387	49.92
7	4420	79	288	4787	62	4884	0	9	5766	5208	-1067	13883	0	13883	2046	15929	49.96
8	4414	99	275	4788	40	4807	0	83	5696	5441	-1205	13954	0	13954	2192	16146	49.95
9	4340	145	273	4758	39	4702	0	205	5828	5501	-1524	13681	0	13681	2568	16249	49.99
10	4305	215	271	4791	44	4544	0	313	6083	6108	-1765	14034	0	14034	2884	16918	49.99
11	4275	195	269	4739	54	4500	0	396	6235	6208	-1866	14030	0	14030	3188	17218	50.03
12	4134	144	266	4544	97	4399	0	427	6370	5890	-1574	13783	0	13783	3262	17045	50.01
13	4267	92	265	4624	85	4290	0	432	6241	5543	-1627	13347	0	13347	3208	16555	49.93
14	4357	77	267	4701	45	4274	0	366	5787	5281	-1586	13081	0	13081	3115	16196	49.91
15	4348	212	270	4830	103	4271	0	277	5399	5562	-1586	13457	0	13457	3154	16611	49.91
16	4373	87	272	4732	125	4277	0	192	5679	5391	-1622	13095	0	13095	3176	16271	49.98
17	4399	232	278	4909	98	4358	0	119	5586	5693	-1609	13568	0	13568	3159	16727	49.94
18	4520	92	268	4880	117	4772	0	19	5648	5231	-1539	13481	0	13481	3071	16552	49.94
19	4451	498	270	5219	60	5069	0	0	5871	5815	-1307	14856	0	14856	3053	17909	49.93
20	4439	735	272	5446	58	5048	0	0	5989	5872	-1261	15163	0	15163	3041	18204	49.96
21	4495	393	272	5160	66	5047	0	0	5722	5551	-1139	14685	0	14685	2867	17552	49.98
22	4455	297	274	5026	57	5038	0	0	5484	5330	-1098	14352	0	14352	2754	17106	49.96
23	4203	143	284	4630	99	5032	0	0	5302	5204	-1156	13809	0	13809	2660	16469	49.99
24	4118	78	276	4472	98	4834	0	0	5452	5092	-1361	13135	0	13135	2565	15700	50.00
MUs	102.59	4.34	6.59	113.52	1.63	110.97	0.00	2.84	133.53	128.20	-31.83	325.33	0.00	325.33	63.78	389.10	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 12/Oct/2017

Position as on 6.30 Hrs of 13/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	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	
MSPGCL	Khaparkhedha Unit 2	210	25/09/2017	06.50		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 4	210	03/10/2017	00.08	12/10/2017	09.47	Coal Shortage	
MSPGCL	Parli Unit 8	250	03/10/2017	17.00		Continued.	Coal Shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 12/Oct/2017

Position as on 6.30 Hrs of 13/Oct/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	
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	
MSPGCL	Paras Unit 3	250	10/10/2017	09.55		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 3	210	10/10/2017	13.35		Continued.	Boiler Tube Leakage	
IPP	VIPL U-1	300	11/10/2017	19.12		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 7	250	12/10/2017	00.00		Continued.	ZERO SCHEDULE.	
MSPGCL	Koyana Unit 5	80	12/10/2017	09.20		Continued.	Pressure Shaft Work	
MSPGCL	Koyana Unit 6	75	12/10/2017	09.30		Continued.	Pressure Shaft Work	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 13/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	11/10/2017	19.34		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	12/10/2017	06.46	PO	Routine Maintenance Work,(RFC 20.58HRS).
Bhusawal-Aurangabad	IntraState	09/10/2017	21.25	12/10/2017	09.46	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	12/10/2017	00.26	12/10/2017	07.08	HT	Over Voltage
karad -kolhapur-I	IntraState	12/10/2017	00.30		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	12/10/2017	00.33		Continued.	HT	Over Voltage
Chandrapur-Parali III	IntraState	12/10/2017	09.13		Continued.	PO	Line Maint.work(RFC 20.04Hrs)
Padghe - Kalwa-II	IntraState	12/10/2017	10.51	12/10/2017	15.20	T	Distance Protection
New Koyna - Dabhol-I	IntraState	12/10/2017	13.43		Continued.	T	Distance Protection
Koradi-Bhusawal	IntraState	12/10/2017	14.41	12/10/2017	20.31	EO	To attend Hot Spot
Khadka- Deepnagar Ckt 2	IntraState	12/10/2017	15.11		Continued.	HT	Sparking in Isolator
Akola II - RPL(Rattanindia) Ckt-II	IntraState	12/10/2017	16.12	12/10/2017	17.22	T	Distance Protection
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.
400/220/33 Kv 315 Mva Ict 2 @Koradi	IntraState	12/10/2017	07.59	12/10/2017	18.12	PO	Testing Work
400/220 Kv 315 Mva Ict -2 @New Koyna	IntraState	12/10/2017	17.05	13/10/2017	00.48	T	Winding Temperature High
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	12/10/2017	02.14	12/10/2017	07.42	T	Over Voltage(Tripped at Amona end only)
Tillari Amona	InterState	12/10/2017	03.51	12/10/2017	07.39	T	Over Voltage(Tripped at Amona end only)
Nasik Navsari I	InterState	12/10/2017	12.59	12/10/2017	13.29	T	Distance Protection
Mahalakshmi Amona	InterState	13/10/2017	04.31		Continued.	T	Over Voltage(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)-Osmanabad	IntraState	10/10/2017	02.50	10/10/2017	Continued.	T	Bus Bar Protection Operated
New Koyna - Pedambe	IntraState	12/10/2017	08.35		Continued.	HT	Heavy Sparking on Isolator
Mahindra Vehicle-Bridgestone	IntraState	12/10/2017	09.14	12/10/2017	16.21	PO	Testing Work
Vita - Mhaishal	IntraState	12/10/2017	09.30	12/10/2017	13.11	PO	Testing Work
Butibori-Khaperkheda	IntraState	12/10/2017	09.34	12/10/2017	19.25	PO	Quarterly Maintainance Work
Baramati - Kurkumbh	IntraState	12/10/2017	10.00	12/10/2017	17.10	PO	Testing Work
Gadchandur - Virur-I	IntraState	12/10/2017	10.50	12/10/2017	12.35	PO	Carrying out signature test

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 12/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 13/Oct/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Bhugaon- Wardha	IntraState	12/10/2017	11.33	12/10/2017	15.00	EO	To attend Hot Spot
Uran - Kharghar 2	IntraState	12/10/2017	12.25	12/10/2017	17.10	PO	To attend Broken Jumper online
Chalisgaon -Babhaleshwar	IntraState	12/10/2017	13.21	12/10/2017	14.59	T	Distance Protection
Gadchandur - Virur-li	IntraState	12/10/2017	13.36	12/10/2017	15.57	PO	Carrying out signature test
Deepnagar Bambhori	IntraState	12/10/2017	13.37	12/10/2017	19.57	T	Distance Protection
Chakan-Chinchwad	IntraState	12/10/2017	15.40	12/10/2017	19.47	PO	Line 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		Continued.	PO	Replacement Of Ict-2.
220/132 kV 200 MVA ICT-III @ Nanded	IntraState	12/10/2017	11.05	12/10/2017	13.07	EO	To attend Hot Spot
132 KV LINE Outages/Trippings							
Parbhani-Bageshwari	IntraState	12/10/2017	01.17	12/10/2017	02.20	T	Distance Protection
Brahmapuri - Aa Energy	IntraState	12/10/2017	13.40	12/10/2017	14.05	T	Distance Protection

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