

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Oct/2017 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	109.008	871.386	1) Gujrat	-1.571	-3.560
2) Hydro	2.584	106.171	2) Madhya Pradesh	12.918	118.212
3) Gas	5.903	64.318	3) Chattisgarh	7.100	59.360
Total MSPGCL	117.495	1041.875	4) Maharashtra Net	125.003	993.743
B) 1) APML	47.053	348.634	5) Goa (Amona)	-0.044	-1.408
2) JSWEL	23.823	207.983	Total	143.406	1166.347
3) VIPL	10.050	61.620	a) Mumbai Schedule	20.970	241.306
4) RPL(AMT)	9.412	105.120	b) Mumbai Drawl	34.202	271.951
5) WPCL	1.610	16.110	c) MSEDCL Bilateral *	45.962	257.899
6) PGPL	0.000	0.000	Include PX	10.624	41.422
7) Other IPP	5.982	50.249	d) Mumbai Bilateral *	20.970	241.306
C) 1) TPCL Thermal	8.913	123.949	Include PX	6.337	65.508
2) TPCL Hydro	1.748	35.800	Include Standby	0.000	0.000
3) TPCL Gas	2.719	24.245	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	4.613	45.289	1) MSEDCL	329.923	2786.325
D) STATE			2) Mumbai Discoms	52.195	501.233
1) Thermal	220.464	1830.340	TOTAL STATE	382.118	3287.558
(A1+C1+C4+(B1-B6))					
2) Hydro	4.332	141.971			
(A2+C2)					
3) Gas	8.622	88.563			
(A3+B6+C3)					
4) Wind	2.889	40.842			
6) SOLAR	2.405	19.496			
TOTAL STATE	238.712	2121.212			

* 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	4537	4584	4860	4167
MSPGCL Hydro	279	157	150	50
MSPGCL Gas	135	136	270	276
MSPGCL Total Generation	4951	4877	5280	4493
Central Sector Receipt	7032	6908	5774	5831
WIND	46	53	173	112
CPP / IPP Thermal	4072	4143	4154	3789
CPP / IPP Gas	0	0	0	0
SOLAR	367	370	3	0
Exchange with Mumbai	-1559	-1623	-1442	-1465
MSEDCL DEMAND MET	14909	14728	13942	12760
Load Shedding	0	0	0	0
MSEDCL DEMAND	14909	14728	13942	12760
TPCL GENERATION	506	510	667	480
R-INFRA GENERATION	195	193	191	192
MUMBAI DEMAND	2260	2326	2300	2137
STATE DEMAND MET	17169	17054	16242	14897
STATE DEMAND	17169	17054	16242	14897
Frequency (Hz)	49.99	49.98	50.01	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 18.01 Hrs	49.84 Hz at 12.25 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 08/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	11.11	86.79	500	450
Unit 9	0.00	0.00	0	0
Unit 10	9.95	76.41	460	360
Total	21.05	163.20		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	7.51	62.33	360	300
Unit 5	7.52	62.87	350	300
Total	15.03	125.20		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.33	34.88	186	179
Unit 7	4.29	22.05	194	162
Unit 8	0.00	10.92	0	0
Total	8.62	67.85		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.80	28.26	199	0
Unit 5	9.18	73.52	420	360
Unit 6	0.00	39.40	0	0
Unit 7	9.39	71.14	442	347
Unit 8	9.94	55.43	490	349
Unit 9	5.84	47.53	440	0
Total	38.16	315.28		
Paras				
Unit 3	4.04	31.65	174	165
Unit 4	4.01	31.06	172	163
Total	8.05	62.71		
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	1.06	1.60	158	0
Unit 5	9.12	72.54	445	360
Total	10.19	74.14		
Nasik				
Unit 3	3.80	22.91	164	155
Unit 4	0.00	7.83	0	0
Unit 5	4.11	32.26	179	162
Total	7.90	63.00		
Uran				
All Units	5.90	64.32	288	125
Total	5.90	64.32		
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)	0.80	2.16	37	30
Total	0.80	2.16		
Koyna				
Stage 1-2	1.26	36.28	130	40
Stage 4	0.00	44.41	0	0
Stage 3	0.41	17.31	140	0
Total	1.67	98.01		
Hydro				
KDPH	0.00	0.18	0	0
VTRNA	0.26	1.14	60	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.32	2.52	81	0
RNGR+BHTSA	0.00	2.41	2	0
BHANDARDRA	0.19	0.19	15	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.14	1.67	6	5
GHATGHAR	0.00	0.06	0	0
Total	0.92	8.16		
Wind				
Total	2.89	40.84	0	0
Total	2.89	40.84		
CPP				
APML(Mus)	47.05	348.63	0	0
JSWEL(Mus)	23.82	207.98	0	0
VIPL(Mus)	10.05	61.62	0	0
RPLAMT(Mus)	9.41	105.12	0	0
WPCL(Mus)	1.61	16.11	0	0
Other(Mus)	5.98	50.25	0	0
Total	97.93	789.72		
SOLAR				
Total	2.40	19.50	0	0
Total	2.40	19.50		
Tata				
Trombay 5	4.07	79.26	197	158
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.54	14.00	75	54
Trombay 7B	1.18	10.25	54	43
Trombay 8	4.84	44.69	210	196
TATA Hydro	1.75	35.80	278	7
Total	13.38	183.99		
R-INFRA				
DTPS U-1&2	4.61	45.29	196	191
Total	4.61	45.29		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	109.01	871.39	MSPGCL Total	117.50	1041.88
			MSPGCL Thml+Gas	114.91	935.70	Koyna 1,2 & 4 Total	1.26	80.70
			MSPGCL Hydro	2.58	106.17	State Total	238.71	2121.21

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/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	4163	47	287	4497	282	3894	0	0	5911	5687	-1523	12836	0	12836	2237	15073	49.95
2	4167	50	276	4493	112	3789	0	0	5437	5831	-1465	12760	0	12760	2137	14897	49.93
3	4125	45	276	4446	112	3857	0	0	5679	5830	-1226	13019	0	13019	2013	15032	49.96
4	4170	45	286	4501	107	3881	0	0	5659	5808	-1310	12987	0	12987	1972	14959	49.96
5	4364	50	275	4689	84	3962	0	0	5822	6045	-1292	13488	0	13488	1954	15442	49.92
6	4597	56	278	4931	108	4381	0	0	5809	5956	-1304	14072	0	14072	1963	16035	50.01
7	4692	61	287	5040	113	4466	0	4	6034	5989	-1291	14321	0	14321	1947	16268	49.95
8	4478	46	275	4799	73	4135	0	64	5901	6481	-1311	14241	0	14241	1966	16207	49.95
9	4480	210	273	4963	62	3896	0	166	6046	6352	-1401	14038	0	14038	2059	16097	49.93
10	4424	297	201	4922	25	3926	0	262	5849	6209	-1440	13904	0	13904	2134	16038	49.93
11	4357	394	125	4876	46	3948	0	322	6328	6772	-1530	14434	0	14434	2225	16659	49.92
12	4537	279	135	4951	46	4072	0	367	6719	7032	-1559	14909	0	14909	2260	17169	49.99
13	4584	157	136	4877	53	4143	0	370	6629	6908	-1623	14728	0	14728	2326	17054	49.98
14	4670	76	159	4905	84	4198	0	320	6701	6570	-1622	14456	0	14456	2314	16770	49.99
15	4467	66	189	4722	89	4101	0	264	6756	6719	-1545	14351	0	14351	2353	16704	50.00
16	4427	66	227	4720	95	4092	0	177	6559	6356	-1371	14069	0	14069	2326	16395	50.02
17	4514	61	270	4845	144	4052	0	64	6347	6229	-1405	13928	0	13928	2233	16161	50.02
18	4665	63	270	4998	203	4088	0	22	5772	5777	-1334	13753	0	13753	2181	15934	49.97
19	4860	150	270	5280	173	4154	0	3	5977	5774	-1442	13942	0	13942	2300	16242	50.01
20	4928	105	279	5312	192	4273	0	0	5608	5375	-1445	13707	0	13707	2411	16118	50.04
21	4939	60	288	5287	239	4267	0	0	5333	4980	-1366	13407	0	13407	2271	15678	50.03
22	4891	75	277	5243	206	4135	0	0	5294	4817	-1389	13012	0	13012	2236	15248	49.96
23	4815	60	277	5152	101	4097	0	0	5304	4914	-1499	12765	0	12765	2204	14969	50.00
24	4694	65	287	5046	140	4121	0	0	5330	4997	-1509	12795	0	12795	2173	14968	50.04
MUs	109.01	2.58	5.90	117.50	2.89	97.93	0.00	2.41	142.80	143.41	-34.20	329.92	0.00	329.92	52.20	382.12	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 08/Oct/2017

Position as on 6.30 Hrs of 09/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	Khaparkheda Unit 1	210	08/09/2017	12.23		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Khaparkheda 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		Continued.	Coal Shortage	
MSPGCL	Khaparkheda 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 08/Oct/2017

Position as on 6.30 Hrs of 09/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	
MSPGCL	Chandrapur Unit 9	500	05/10/2017	21.32	08/10/2017	03.17	Boiler Tube Leakage	
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	Khaparkheda Unit 4	210	07/10/2017	06.18	08/10/2017	16.13	Turbine Vibration	
MSPGCL	Uran Unit 6	108	08/10/2017	09.44	08/10/2017	12.57	Filter replacement work.	
MSPGCL	Chandrapur Unit 4	210	08/10/2017	22.57		Continued.	Coal Shortage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 08/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 09/Oct/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400kV 1500MVA ICT-I@Koradi-III	IntraState	08/10/2017	14.18	08/10/2017	17.03	T	checking breaker pdr circuit.
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	07/10/2017	22.57	08/10/2017	08.47	T	ac conductor ground fault.
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		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	27/09/2017	20.43		Continued.	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
Bhusawal-Aurangabad	IntraState	06/10/2017	21.04		Continued.	HT	Over Voltage
Koradi 2-IEPL	IntraState	08/10/2017	08.51	08/10/2017	15.19	PO	line signature test.
Bus Coupler @ Padgha	IntraState	08/10/2017	09.25	08/10/2017	15.16	EO	isoletor hot spot.
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT II @Chandrapur	IntraState	08/10/2017	12.12	08/10/2017	17.04	EO	Attending 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.
Mahalakshmi Amona	InterState	08/10/2017	00.50	08/10/2017	07.27	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
Trombay - Mulund	IntraState	08/10/2017	05.53	08/10/2017	12.18	PO	Jumper replacement work.
Ghatghar - Bapgaon	IntraState	08/10/2017	16.35	08/10/2017	17.25	T	Distance Protection
Bhira Dharavi 8	IntraState	08/10/2017	19.55	08/10/2017	20.26	T	Distance Protection
Deepnagar Amalner	IntraState	08/10/2017	22.24		Continued.	T	Distance Protection
Trombay - Kalwa	IntraState	09/10/2017	04.31	09/10/2017	06.24	PO	Line Maintenance work
Trombay - Mulund	IntraState	09/10/2017	05.41	09/10/2017	05.53	HT	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 100 Mva Vijai Ict 2 @Virur	IntraState	08/10/2017	11.55	08/10/2017	14.30	PO	Attending Oil Leakage
132 KV LINE Outages/Trippings							
Kalmeshwar-Saoner 1	IntraState	07/10/2017	18.44	08/10/2017	21.06	T	CT Ckt Faulty Indication on Bus-II
Gadchiroli - Mul	IntraState	07/10/2017	23.14	08/10/2017	00.18	T	Distance Protection
Dhule- Nardane	IntraState	08/10/2017	01.30	08/10/2017	06.30	T	Distance Protection
Girwali-Renapur-Ahamadpur	IntraState	08/10/2017	17.36		Continued.	T	Distance Protection
Ujani - Ausa	IntraState	08/10/2017	19.27	08/10/2017	19.52	T	Distance Protection

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