

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 11/Oct/2017 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	104.787	1192.805	1) Gujrat	-4.010	-17.486
2) Hydro	3.905	118.682	2) Madhya Pradesh	10.951	149.679
3) Gas	6.682	84.199	3) Chattisgarh	6.940	80.420
Total MSPGCL	115.374	1395.686	4) Maharashtra Net	113.422	1356.914
B) 1) APML	52.138	499.034	5) Goa (Amona)	-0.110	-2.090
2) JSWEL	22.440	278.507	Total	127.193	1567.437
3) VIPL	9.798	93.598	a) Mumbai Schedule	20.000	313.691
4) RPL(AMT)	10.059	135.671	b) Mumbai Drawl	33.050	376.923
5) WPCL	2.768	22.088	c) MSEDCL Bilateral *	39.349	383.803
6) PGPL	0.000	0.000	Include PX	1.522	50.680
7) Other IPP	6.566	68.545	d) Mumbai Bilateral *	20.000	313.410
C) 1) TPCL Thermal	13.824	165.860	Include PX	0.426	71.564
2) TPCL Hydro	3.349	46.638	Include Standby	0.000	0.281
3) TPCL Gas	2.579	31.742	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.366	68.671	1) MSEDCL	319.715	3761.284
D) STATE			2) Mumbai Discoms	62.168	689.835
1) Thermal	231.746	2524.779	TOTAL STATE	381.883	4451.119
(A1+C1+C4+(B1-B6))					
2) Hydro	7.254	165.320			
(A2+C2)					
3) Gas	9.261	115.941			
(A3+B6+C3)					
4) Wind	4.181	51.993			
6) SOLAR	2.248	25.648			
TOTAL STATE	254.690	2883.681			

* 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 18 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4470	4433	4684	4071
MSPGCL Hydro	281	163	146	83
MSPGCL Gas	275	272	285	275
MSPGCL Total Generation	5026	4868	5115	4429
Central Sector Receipt	5564	5266	5416	4739
WIND	106	490	373	99
CPP / IPP Thermal	4460	4573	4992	3784
CPP / IPP Gas	0	0	0	0
SOLAR	278	17	0	0
Exchange with Mumbai	-1888	-1679	-1276	-852
MSEDCL DEMAND MET	13547	13535	14621	12199
Load Shedding	0	0	0	0
MSEDCL DEMAND	13547	13535	14621	12199
TPCL GENERATION	860	888	1168	617
R-INFRA GENERATION	377	376	499	378
MUMBAI DEMAND	3125	2943	2943	1847
STATE DEMAND MET	16672	16478	17564	14046
STATE DEMAND	16672	16478	17564	14046
Frequency (Hz)	50.01	49.93	49.93	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 09.03 Hrs	49.78 Hz at 12.20 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 11/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	9.11	116.90	550	293
Unit 9	0.00	0.00	0	0
Unit 10	11.20	108.23	500	430
Total	20.31	225.13		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	7.44	84.74	355	300
Unit 5	7.55	85.65	355	300
Total	14.99	170.38		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.38	47.93	193	178
Unit 7	4.28	34.96	184	164
Unit 8	0.00	10.92	0	0
Total	8.66	93.80		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	28.26	0	0
Unit 5	9.10	101.04	415	360
Unit 6	0.00	39.40	0	0
Unit 7	9.70	99.90	450	362
Unit 8	9.47	83.92	450	340
Unit 9	10.46	77.09	498	361
Total	38.73	429.61		
Paras				
Unit 3	0.00	37.17	0	0
Unit 4	5.11	44.60	246	188
Total	5.11	81.78		
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	4.02	12.40	195	160
Unit 5	8.75	98.53	400	360
Total	12.77	110.94		
Nasik				
Unit 3	0.00	28.75	0	0
Unit 4	0.00	7.83	0	0
Unit 5	4.22	44.59	191	157
Total	4.22	81.16		
Uran				
All Units	6.68	84.20	287	272
Total	6.68	84.20		
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)	0.77	4.47	34	30
Total	0.77	4.47		
Koyna				
Stage 1-2	1.62	41.42	180	40
Stage 4	0.00	44.59	0	0
Stage 3	0.86	19.68	80	0
Total	2.48	105.69		
Hydro				
KDPH	0.00	0.18	0	0
VTRNA	0.59	2.96	61	0
TILLARI	0.00	0.12	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.13	3.16	67	0
RNGR+BHTSA	0.31	3.14	13	12
BHANDARDRA	0.16	0.66	15	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.24	2.54	11	10
GHATGHAR	0.00	0.24	0	0
Total	1.43	13.00		
Wind				
Total	4.18	51.99	0	0
Total	4.18	51.99		
CPP				
APML(Mus)	52.14	499.03	0	0
JSWEL(Mus)	22.44	278.51	0	0
VIPL(Mus)	9.80	93.60	0	0
RPLAMT(Mus)	10.06	135.67	0	0
WPCL(Mus)	2.77	22.09	0	0
Other(Mus)	6.57	68.54	0	0
Total	103.77	1097.44		
SOLAR				
Total	2.25	25.65	0	0
Total	2.25	25.65		
Tata				
Trombay 5	8.75	105.74	484	294
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.46	18.19	88	54
Trombay 7B	1.12	13.56	58	44
Trombay 8	5.07	60.12	242	198
TATA Hydro	3.35	46.64	383	0
Total	19.75	244.24		
R-INFRA				
DTPS U-1&2	9.37	68.67	499	374
Total	9.37	68.67		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	104.79	1192.80	MSPGCL Total	115.37	1395.69
			MSPGCL Thml+Gas	111.47	1277.00	Koyna 1,2 & 4 Total	1.62	86.01
			MSPGCL Hydro	3.90	118.68	State Total	254.69	2883.68

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 11/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	4212	73	277	4562	105	3948	0	0	5176	5297	-1288	12624	0	12624	2276	14900	49.95
2	4219	68	277	4564	87	3893	0	0	5026	4518	-1046	12016	0	12016	2039	14055	50.00
3	4110	83	287	4480	114	3833	0	0	5017	4722	-930	12219	0	12219	1926	14145	50.02
4	4071	83	275	4429	99	3784	0	0	4803	4739	-852	12199	0	12199	1847	14046	49.98
5	4136	202	276	4614	92	3790	0	0	4875	4938	-832	12602	0	12602	1828	14430	49.94
6	4336	163	284	4783	87	4053	0	0	5043	5085	-935	13073	0	13073	1930	15003	49.92
7	4448	133	275	4856	88	4642	0	4	5515	5461	-1076	13975	0	13975	2072	16047	49.92
8	4473	68	275	4816	81	4438	0	35	5755	5627	-1229	13768	0	13768	2232	16000	49.97
9	4417	133	284	4834	86	4420	0	91	5649	5695	-1518	13608	0	13608	2539	16147	49.97
10	4478	252	276	5006	84	4495	0	199	5708	5632	-1788	13628	0	13628	2842	16470	50.02
11	4470	281	275	5026	106	4460	0	278	5901	5564	-1888	13547	0	13547	3125	16672	50.01
12	4244	229	274	4747	143	4144	0	326	6325	5851	-1749	13462	0	13462	3174	16636	50.00
13	4192	203	282	4677	185	3996	0	365	6001	5736	-1702	13257	0	13257	3122	16379	49.91
14	4209	168	279	4656	175	3942	0	332	5718	5538	-1607	13036	0	13036	2999	16035	49.99
15	4191	168	277	4636	321	3902	0	294	5569	5437	-1553	13037	0	13037	3021	16058	49.99
16	4210	173	286	4669	319	3926	0	196	5544	5601	-1569	13142	0	13142	3041	16183	49.96
17	4289	248	275	4812	384	4136	0	111	5398	5554	-1637	13360	0	13360	2983	16343	49.93
18	4433	163	272	4868	490	4573	0	17	5389	5266	-1679	13535	0	13535	2943	16478	49.93
19	4573	300	275	5148	377	4854	0	0	5680	5625	-1534	14469	0	14469	2965	17434	49.94
20	4684	146	285	5115	373	4992	0	0	5738	5416	-1276	14621	0	14621	2943	17564	49.93
21	4714	147	277	5138	177	4985	0	0	5263	5372	-1263	14409	0	14409	2783	17192	50.03
22	4676	137	287	5100	117	4995	0	0	5221	4868	-1280	13801	0	13801	2626	16427	50.02
23	4652	147	275	5074	44	4941	0	0	4964	4689	-1386	13362	0	13362	2492	15854	49.96
24	4350	137	277	4764	47	4626	0	0	4998	4962	-1433	12966	0	12966	2420	15386	49.95
MUs	104.79	3.91	6.68	115.37	4.18	103.77	0.00	2.25	130.28	127.19	-33.05	319.72	0.00	319.72	62.17	381.88	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 11/Oct/2017

Position as on 6.30 Hrs of 12/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	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	
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	
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 11/Oct/2017

Position as on 6.30 Hrs of 12/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	Adani U-3	660	05/10/2017	04.07	11/10/2017	17.03	Control Valve Problem	
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.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 12/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	10/10/2017	19.14	11/10/2017	05.37	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	11/10/2017	19.34		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	05/10/2017	23.23	11/10/2017	10.29	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		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	10/10/2017	22.09	11/10/2017	10.54	HT	Over Voltage
Bus Coupler @ Karad	IntraState	11/10/2017	11.16	11/10/2017	18.54	PO	Quarterly Maintainance Work
Koradi III(Adani)-Korad II Ckt-I	IntraState	11/10/2017	12.27	11/10/2017	17.02	PO	MCVT REPLACEMENT WORK
Lonikand I - Koyna stage-IV	IntraState	12/10/2017	00.26		Continued.	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
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 Kv 500 Mva Ict 1 @Lamboti	IntraState	10/10/2017	21.35	11/10/2017	00.11	T	Due To OSR Y-Phase.
400/220/33kv, 500 MVA ICT-I @Khaparkheda	IntraState	11/10/2017	09.21	11/10/2017	20.10	PO	Post mansoon maintenance 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.
Mahalakshmi Amona	InterState	11/10/2017	02.14	11/10/2017	07.42	T	Tripped at Amona end only
Tillari Amona	InterState	11/10/2017	03.51	11/10/2017	07.39	T	Tripped at Amona end only
Solapur(PG)- Jeur	InterState	11/10/2017	16.09	11/10/2017	17.33	PO	FOR ATTENDING TRIP CKT FAULTY PROBLEM
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
Chalisgaon -Babhaleshwar	IntraState	10/10/2017	13.21		Continued.	T	Distance Protection
Butibori - Khaperkheda	IntraState	11/10/2017	09.45	11/10/2017	16.02	T	Distance Protection
Lamboti(solapur)-Karkamb	IntraState	11/10/2017	09.45	11/10/2017	15.59	PO	Quarterly Maintainance 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.
220/22 Kv 50 Mva Ptr 1 @Lonikand	IntraState	11/10/2017	00.10	11/10/2017	02.33	T	Distance Protection
220/22 Kv 50 Mva Imp Ptr 2 @Airoli Knowledge Park	IntraState	11/10/2017	10.24	11/10/2017	18.00	PO	Attending Hot Spot

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 11/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 12/Oct/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 200 Mva Emco Ict 2 @Ambazari	IntraState	11/10/2017	10.53	11/10/2017	17.04	PO	CONSTRUCTING EARTH PIT.
220/132 Kv 200 Mva ICT-I @Girwali	IntraState	11/10/2017	14.02	11/10/2017	15.45	PO	Attending Hot Spot
132 KV LINE Outages/Trippings							
Mouda-Ntpc1	IntraState	09/10/2017	16.20		Continued.	T	TO LA BURST AT NTPC END
Gangakhed- Sonpeth Ckt-li	IntraState	09/10/2017	21.30		Continued.	T	Distance Protection
Malinagar-Bawda	IntraState	11/10/2017	01.56	11/10/2017	02.30	T	Distance Protection