

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 10/Jan/2018 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	116.851	1229.591	1) Gujrat	0.995	8.079
2) Hydro	8.106	89.095	2) Madhya Pradesh	13.479	137.769
3) Gas	9.628	97.256	3) Chattisgarh	6.690	59.770
Total MSPGCL	134.585	1415.942	4) Maharashtra Net	109.462	1027.822
B) 1) APML	51.500	520.879	5) Goa (Amona)	-0.814	-8.426
2) JSWEL	18.639	180.520	Total	129.812	1225.014
3) VIPL	12.123	121.147	a) Mumbai Schedule	24.746	225.512
4) RPL(AMT)	15.350	102.689	b) Mumbai Drawl	33.954	254.510
5) WPCL	4.333	40.500	c) MSEDCL Bilateral *	17.814	158.388
6) PGPL	0.000	0.000	Include PX	-2.416	-18.422
7) Other IPP	11.867	124.076	d) Mumbai Bilateral *	23.951	223.412
C) 1) TPCL Thermal	0.000	38.638	Include PX	3.904	37.895
2) TPCL Hydro	7.051	55.435	Include Standby	0.795	2.100
3) TPCL Gas	2.168	37.024	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	6.095	81.667	1) MSEDCL	360.083	3558.332
D) STATE			2) Mumbai Discoms	49.268	467.278
1) Thermal	236.758	2439.707	TOTAL STATE	409.351	4025.610
(A1+C1+C4+(B1-B6))					
2) Hydro	15.157	144.530			
(A2+C2)					
3) Gas	11.796	134.280			
(A3+B6+C3)					
4) Wind	12.988	52.324			
6) SOLAR	2.840	29.751			
TOTAL STATE	279.539	2800.592			

* 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 3 Hrs
MSPGCL Thermal	5472	5410	5000	4220
MSPGCL Hydro	524	382	546	119
MSPGCL Gas	396	396	400	382
MSPGCL Total Generation	6392	6188	5946	4721
Central Sector Receipt	6545	6527	5836	3713
WIND	603	431	338	795
CPP / IPP Thermal	5355	5133	4605	4150
CPP / IPP Gas	0	0	0	0
SOLAR	427	440	0	0
Exchange with Mumbai	-1839	-1771	-1708	-958
MSEDCL DEMAND MET	17483	16948	15017	12421
Load Shedding	0	0	0	0
MSEDCL DEMAND	17483	16948	15017	12421
TPCL GENERATION	459	471	526	127
R-INFRA GENERATION	254	255	254	254
MUMBAI DEMAND	2552	2497	2488	1339
STATE DEMAND MET	20035	19445	17505	13760
STATE DEMAND	20035	19445	17505	13760
Frequency (Hz)	49.97	50.02	49.96	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 06.01 Hrs	49.78 Hz at 07.40 Hrs	49.99	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 10/Jan/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	23.40	0	0
Unit 8	9.91	113.99	454	357
Unit 9	9.90	69.36	451	359
Unit 10	12.17	108.24	660	360
Total	31.99	314.98		
Bhusawal				
Unit 3	4.00	28.82	180	145
Unit 4	0.00	78.40	0	0
Unit 5	10.03	98.76	500	345
Total	14.02	205.98		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.09	43.50	246	185
Unit 7	0.00	0.00	0	0
Unit 8	0.00	20.17	0	0
Total	5.09	63.67		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.10	100.43	465	358
Unit 6	0.00	22.82	0	0
Unit 7	9.90	98.88	457	363
Unit 8	0.00	0.00	0	0
Unit 9	9.86	97.50	467	352
Total	29.86	319.62		
Paras				
Unit 3	5.22	8.89	250	186
Unit 4	5.25	53.28	253	186
Total	10.47	62.18		
Khaparkheda				
Unit 1	0.00	5.84	0	0
Unit 2	3.54	39.38	155	140
Unit 3	0.00	0.00	0	0
Unit 4	3.92	39.58	175	159
Unit 5	9.80	100.71	470	355
Total	17.26	185.50		
Nasik				
Unit 3	4.07	13.73	191	161
Unit 4	4.10	41.87	194	162
Unit 5	0.00	22.07	0	0
Total	8.17	77.67		
Uran				
All Units	9.63	97.26	421	382
Total	9.63	97.26		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.11	2.24	47	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.11	2.24		
Koyna				
Stage 1-2	2.29	23.92	305	35
Stage 4	0.31	12.20	197	0
Stage 3	0.23	8.12	80	0
Total	2.84	44.24		
Hydro				
KDPH	0.88	7.10	37	36
VTRNA	0.88	8.70	61	0
TILLARI	0.42	3.95	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.43	2.98	80	0
RNGR+BHTSA	0.36	3.67	16	15
BHANDARDRA	0.00	0.01	0	0
ELDARY	0.00	0.33	0	0
SMLHY_PTN	0.70	7.43	40	26
GHATGHAR	1.60	10.69	125	0
Total	5.27	44.85		
Wind				
Total	12.99	52.32	0	0
Total	12.99	52.32		
CPP				
APML(Mus)	51.50	520.88	0	0
JSWEL(Mus)	18.64	180.52	0	0
VIPL(Mus)	12.12	121.15	0	0
RPLAMT(Mus)	15.35	102.69	0	0
WPCL(Mus)	4.33	40.50	0	0
Other(Mus)	11.87	124.08	0	0
Total	113.81	1089.81		
SOLAR				
Total	2.84	29.75	0	0
Total	2.84	29.75		
Tata				
Trombay 5	0.00	16.69	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.63	23.17	115	0
Trombay 7B	0.54	13.85	61	0
Trombay 8	0.00	21.95	0	0
TATA Hydro	7.05	55.44	459	48
Total	9.22	131.10		
R-INFRA				
DTPS U-1&2	6.10	81.67	255	253
Total	6.10	81.67		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	116.85	1229.59	MSPGCL Total	134.58	1415.94
			MSPGCL Thml+Gas	126.48	1326.85	Koyna 1,2 & 4 Total	2.60	36.12
			MSPGCL Hydro	8.11	89.10	State Total	279.54	2800.59

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/Jan/2018

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	4226	119	391	4736	467	4121	0	0	4382	4363	-1141	12546	0	12546	1525	14071	49.97
2	4227	119	402	4748	678	4146	0	0	4176	4068	-1022	12618	0	12618	1404	14022	49.99
3	4220	119	382	4721	795	4150	0	0	3969	3713	-958	12421	0	12421	1339	13760	49.99
4	4225	119	400	4744	830	4180	0	0	3834	3918	-918	12754	0	12754	1297	14051	50.00
5	4211	124	391	4726	876	4161	0	0	4345	4331	-890	13204	0	13204	1319	14523	50.00
6	4271	123	391	4785	808	4212	0	0	5283	5257	-1016	14047	0	14047	1465	15512	49.99
7	4956	118	398	5472	829	4720	0	1	5752	5946	-1136	15832	0	15832	1693	17525	49.97
8	5288	178	421	5887	887	5092	0	21	6295	6468	-1142	17213	0	17213	1878	19091	49.91
9	5383	341	402	6126	682	5347	0	125	6196	6258	-1447	17091	0	17091	2150	19241	49.97
10	5474	801	407	6682	623	5310	0	267	5969	6017	-1673	17226	0	17226	2386	19612	50.00
11	5449	738	398	6585	594	5403	0	360	6315	6207	-1830	17319	0	17319	2543	19862	49.99
12	5472	524	396	6392	603	5355	0	427	6792	6545	-1839	17483	0	17483	2552	20035	49.97
13	5410	382	396	6188	431	5133	0	440	6572	6527	-1771	16948	0	16948	2497	19445	50.02
14	5415	374	406	6195	297	5117	0	416	6031	6203	-1578	16650	0	16650	2369	19019	50.03
15	5450	628	404	6482	221	5214	0	362	6019	6157	-1585	16851	0	16851	2403	19254	50.01
16	5455	679	393	6527	161	5345	0	262	6021	6022	-1692	16625	0	16625	2431	19056	49.98
17	5446	435	396	6277	148	5345	0	136	6012	5935	-1672	16169	0	16169	2430	18599	49.99
18	5147	311	409	5867	218	4924	0	23	5850	5667	-1654	15045	0	15045	2429	17474	50.00
19	5000	546	400	5946	338	4605	0	0	5784	5836	-1708	15017	0	15017	2488	17505	49.96
20	4951	448	419	5818	474	4595	0	0	5514	5553	-1629	14811	0	14811	2457	17268	50.02
21	4331	298	401	5030	485	4489	0	0	5370	5239	-1533	13710	0	13710	2335	16045	49.98
22	4281	213	412	4906	433	4392	0	0	4922	4780	-1459	13052	0	13052	2157	15209	50.00
23	4286	243	402	4931	473	4244	0	0	4384	4578	-1405	12821	0	12821	1957	14778	49.99
24	4277	126	411	4814	637	4210	0	0	4200	4223	-1256	12628	0	12628	1764	14392	50.02
MUs	116.85	8.11	9.63	134.59	12.99	113.81	0.00	2.84	129.99	129.81	-33.95	360.08	0.00	360.08	49.27	409.35	49.99

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 10/Jan/2018

Position as on 6.30 Hrs of 11/Jan/2018

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 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
MSPGCL	Chandrapur Unit-8	500	16/12/2017	00.16		Continued.	Annual Overhaul	
TPC-G	Trombay 5	500	02/01/2018	23.48		Continued.	Boiler Recertification Work.	
RINFRA-G	REL Unit 2	250	06/01/2018	00.46		Continued.	Annual Overhaul	
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.	De-commissioned on dt. 01.04.2017	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	De-commissioned on dt.02.03.2017	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	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.	
MSPGCL	Khaparkheda Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	17/09/2017	02.01		Continued.	Coal Shortage	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
IPP	JSW (J) U2	300	01/12/2017	24.00		Continued.	no schedule.	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
MSPGCL	Parli Unit 7	250	03/12/2017	23.35		Continued.	Poor Coal Receipt.	
IPP	RPL(AMT) U-1	270	12/12/2017	08.49		Continued.	switch gear problem (Coal shortage from 17.12.2017, 00:00hrs)Converted to zero schedule w.e.f 01.01.2018, 00:00hrs	
CENT.SECTOR	Tarapur 2	160	26/12/2017	10.51		Continued.	commission of venting system.	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
IPP	Adani U-2	660	02/01/2018	15.26		Continued.	HPBP Bonnet leakage	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 10/Jan/2018

Position as on 6.30 Hrs of 11/Jan/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 1	210	04/01/2018	16.42		Continued.	Coal Shortage	
MSPGCL	Uran Unit 8	108	04/01/2018	19.38		Continued.	due to vibration.	
TPC_G	Trombay 8	250	05/01/2018	05.52		Continued.	Turbine bearing temperature high.	
MSPGCL	Nasik Unit 5	210	06/01/2018	06.30		Continued.	PA Fan Problem (Not available due to Coal shortage from 07.01.2018, 14:00Hrs)	
MSPGCL	Parli Unit 8	250	06/01/2018	07.07		Continued.	Coal bunkering problem	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
MSPGCL	Bhusawal Unit 4	500	09/01/2018	01.08		Continued.	Boiler Tube Leakage	
TPC-G	Trombay 7A	120	10/01/2018	08.30	10/01/2018	11.58	EHC FAULT.	
TPC-G	Trombay 7B	60	10/01/2018	08.30	10/01/2018	22.48	EHC FAULT.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 10/Jan/2018

Statement-VII

Position as on 6.30 Hrs of 11/Jan/2018

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	09/01/2018	09.09	10/01/2018	10.59	T	CB Not Closed At SSNL End Trial Taken At 14:26HRS But BKR Problem Persist At SSNL End Code 1018, Work Permit 15:35/9.1.2018 Code 1041
Dhule Sar'Sarovar II	InterState	10/01/2018	17.58		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	08/01/2018	12.41		Continued.	PO	Work At BBSLR End.
Karad-Jaigad - I	IntraState	08/01/2018	18.22	10/01/2018	10.16	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	09/01/2018	18.01	10/01/2018	07.52	HT	Over Voltage
karad -kolhapur-I	IntraState	09/01/2018	20.03	10/01/2018	10.34	HT	Over Voltage
Tie Bay ICT-I @ Khaparkheda	IntraState	10/01/2018	10.16	10/01/2018	13.32	PO	dcrm of breaker measurement of cb timing and crm.
Karad - Jaigad - II	IntraState	10/01/2018	10.36		Continued.	EO	Attending Hot Spot
Khadka-Aurangabad (Waluj)	IntraState	10/01/2018	17.31		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	11/01/2018	01.15		Continued.	HT	Over Voltage
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.
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.
Mumewadi -Halkarni II	IntraState	17/11/2017	10.00		Continued.	PO	Tower erection work (temporarily line would be Mumewadi-Tillari)
Halkarni - Tillari II	IntraState	17/11/2017	12.25		Continued.	PO	Tower erection work. (temporarily line would be Mumewadi-Tillari)
Kharghar-Borivali ckt II	IntraState	07/12/2017	12.23		Continued.	T	Distance Protection
Kandalgaon - Sona Alloys	IntraState	10/01/2018	08.10	10/01/2018	20.48	PO	Line Maintenance work
New Koyna - Niwali	IntraState	10/01/2018	09.32	10/01/2018	18.29	PO	insulator cleaning work.
Khaparkheda-Kanhan	IntraState	10/01/2018	10.47	10/01/2018	13.55	PO	Routine Maintenance Work
Beed-Patoda Ckt 1	IntraState	10/01/2018	11.49	10/01/2018	14.48	PO	faulty string insulator replacement work.
Ongc Uran - Jnpt	IntraState	10/01/2018	12.14	10/01/2018	12.50	T	Distance Protection
Uran - Ongc Uran	IntraState	10/01/2018	12.14	10/01/2018	14.43	T	Distance Protection
Apta - Bombay Dyeing	IntraState	10/01/2018	13.50	10/01/2018	14.25	PO	Routine Maintenance Work
Ongc Uran - Jnpt	IntraState	10/01/2018	15.32	10/01/2018	17.54	EO	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)
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)

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