

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Jan/2019 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	147.698	1456.951	1) Gujrat	0.910	19.883
2) Hydro	7.772	63.200	2) Madhya Pradesh	7.690	69.530
3) Gas	7.315	70.032	3) Chattisgarh	4.190	39.040
Total MSPGCL	162.785	1590.183	4) Maharashtra Net	88.491	866.721
B) 1) APML	70.010	681.800	5) Goa (Amona)	-0.242	-2.222
2) JSWEL	22.506	226.712	Total	101.039	992.952
3) VIPL	5.051	53.151	a) Mumbai Schedule	15.264	159.897
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	21.482	209.672
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	11.236	118.385
6) PGPL	0.000	0.000	Include PX	-4.712	-53.197
7) Other IPP	15.707	158.375	d) Mumbai Bilateral *	15.264	159.897
C) 1) TPCL Thermal	12.585	128.144	Include PX	-0.214	0.654
2) TPCL Hydro	4.207	32.944	Include Standby	0.000	0.000
3) TPCL Gas	4.419	43.493	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	4.558	47.493	1) MSEDCL	367.669	3612.935
D) STATE			2) Mumbai Discoms	47.251	461.746
1) Thermal	278.115	2752.626	TOTAL STATE	414.920	4074.681
(A1+C1+C4+(B1-B6))					
2) Hydro	11.979	96.144			
(A2+C2)					
3) Gas	11.734	113.525			
(A3+B6+C3)					
4) Wind	6.213	61.351			
6) SOLAR	5.840	58.083			
TOTAL STATE	313.881	3081.729			

* 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 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6672	6541	6273	5514
MSPGCL Hydro	753	689	502	95
MSPGCL Gas	295	289	293	319
MSPGCL Total Generation	7720	7519	7068	5928
Central Sector Receipt	5404	4867	4129	2945
WIND	275	245	108	351
CPP / IPP Thermal	5167	5157	5007	3893
CPP / IPP Gas	0	0	0	0
SOLAR	760	854	0	0
Exchange with Mumbai	-1108	-1316	-997	-380
MSEDCL DEMAND MET	18218	17326	15315	12737
Load Shedding	0	0	0	0
MSEDCL DEMAND	18218	17326	15315	12737
TPCL GENERATION	1180	913	1176	682
R-INFRA GENERATION	191	191	189	190
MUMBAI DEMAND	2479	2420	2362	1252
STATE DEMAND MET	20697	19746	17677	13989
STATE DEMAND	20697	19746	17677	13989
Frequency (Hz)	49.96	49.94	49.95	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 06:03 Hrs	49.73 Hz at 12:12 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 10/Jan/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.49	13.27	170	110
Unit 7	2.90	36.00	145	90
Unit 8	12.04	36.81	658	400
Unit 9	0.00	99.98	0	0
Unit 10	10.68	102.66	550	379
Total	29.11	288.72		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.56	95.59	500	350
Unit 5	9.70	95.64	500	345
Total	19.26	191.23		
Parli				
Unit 4	0.00	0.00	0	0
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	4.93	48.74	217	196
Total	4.93	48.74		
Chandrapur				
Unit 3	4.36	42.29	194	163
Unit 4	4.24	38.13	186	162
Unit 5	9.26	92.60	410	364
Unit 6	10.21	96.25	455	365
Unit 7	10.06	93.82	454	370
Unit 8	10.80	103.77	490	370
Unit 9	10.70	104.91	490	365
Total	59.63	571.76		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.37	52.18	261	201
Total	5.37	52.18		
Khaparkheda				
Unit 1	3.82	36.35	165	150
Unit 2	3.75	35.21	165	140
Unit 3	3.81	36.81	170	152
Unit 4	3.75	35.90	170	145
Unit 5	10.20	96.68	490	363
Total	25.33	240.95		
Nasik				
Unit 3	0.00	22.11	0	0
Unit 4	4.07	41.26	199	163
Unit 5	0.00	0.00	0	0
Total	4.07	63.37		
Uran				
All Units	7.32	70.03	321	284
Total	7.32	70.03		
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)	0.19	0.76	43	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.19	0.76		
Koyna				
Stage 1-2	2.10	18.70	355	40
Stage 4	0.58	2.33	233	0
Stage 3	0.84	4.94	160	0
Total	3.53	25.97		
Hydro				
KDPH	0.44	2.86	19	18
VTRNA	0.53	4.83	60	0
TILLARI	0.54	4.30	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	1.59	80	0
RNGR+BHTSA	0.30	2.88	14	0
BHANDARDRA	0.00	0.06	0	0
ELDARY	0.21	2.20	9	8
SMLHY_PTN	0.37	3.70	23	13
GHATGHAR	1.67	14.80	250	0
Total	4.24	37.23		
Wind				
Total	6.21	61.35	0	0
Total	6.21	61.35		
CPP				
APML(Mus)	70.01	681.80	0	0
JSWEL(Mus)	22.51	226.71	0	0
VIPL(Mus)	5.05	53.15	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	15.71	158.38	0	0
Total	113.27	1120.04		
SOLAR				
Total	5.84	58.08	0	0
Total	5.84	58.08		
Tata				
Trombay 5	7.37	75.89	317	293
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	27.50	117	116
Trombay 7B	1.61	15.99	68	66
Trombay 8	5.22	52.26	225	201
TATA Hydro	4.21	32.94	459	0
Total	21.21	204.58		
R-INFRA				
DTPS U-1&2	4.56	47.49	192	188
Total	4.56	47.49		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	147.70	1456.95	MSPGCL Total	162.78	1590.18
			MSPGCL Thml+Gas	155.01	1526.98	Koyna 1,2 & 4 Total	2.68	21.03
			MSPGCL Hydro	7.77	63.20	State Total	313.88	3081.73

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/Jan/2019

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	5534	95	314	5943	293	3898	0	0	3233	3260	-588	12806	0	12806	1463	14269	49.97
2	5468	95	317	5880	306	3895	0	0	3188	3211	-480	12812	0	12812	1351	14163	50.00
3	5492	95	316	5903	294	3895	0	0	2894	3035	-413	12714	0	12714	1285	13999	49.96
4	5514	95	319	5928	351	3893	0	0	2851	2945	-380	12737	0	12737	1252	13989	49.96
5	5536	100	319	5955	361	4020	0	0	3189	3307	-400	13243	0	13243	1273	14516	50.05
6	5837	95	319	6251	410	4263	0	0	4416	4384	-547	14761	0	14761	1417	16178	50.02
7	6209	144	320	6673	463	4439	0	8	4738	4886	-758	15711	0	15711	1629	17340	49.95
8	6590	574	321	7485	392	4910	0	74	4703	5044	-769	17136	0	17136	1843	18979	49.94
9	6782	489	319	7590	296	5237	0	290	4769	5041	-921	17533	0	17533	2109	19642	49.99
10	6746	508	314	7568	230	5263	0	570	4932	5239	-1007	17863	0	17863	2333	20196	49.99
11	6672	753	295	7720	275	5167	0	760	5166	5404	-1108	18218	0	18218	2479	20697	49.96
12	6579	874	289	7742	273	5170	0	867	5179	5299	-1274	18077	0	18077	2490	20567	49.97
13	6541	689	289	7519	245	5157	0	854	5011	4867	-1316	17326	0	17326	2420	19746	49.94
14	6649	452	284	7385	277	5124	0	858	4739	4766	-1231	17179	0	17179	2307	19486	49.93
15	6512	372	284	7168	223	5032	0	737	4757	4742	-1237	16665	0	16665	2321	18986	49.91
16	6639	379	285	7303	193	5047	0	507	4719	4824	-1225	16649	0	16649	2318	18967	49.97
17	6642	281	288	7211	225	5062	0	266	4550	4278	-1129	15913	0	15913	2307	18220	49.96
18	6391	132	290	6813	123	5013	0	49	4100	4073	-1031	15040	0	15040	2304	17344	49.99
19	6273	502	293	7068	108	5007	0	0	4045	4129	-997	15315	0	15315	2362	17677	49.95
20	6091	444	306	6841	128	4980	0	0	4048	4140	-984	15105	0	15105	2322	17427	49.94
21	6028	176	298	6502	176	5019	0	0	3830	3870	-1038	14529	0	14529	2195	16724	49.95
22	5918	204	311	6433	182	4930	0	0	3839	3468	-1007	14006	0	14006	2006	16012	49.98
23	5541	129	313	5983	190	4641	0	0	3394	3474	-911	13377	0	13377	1829	15206	50.00
24	5514	95	312	5921	199	4214	0	0	3509	3353	-731	12956	0	12956	1636	14592	50.01
MUs	147.70	7.77	7.31	162.78	6.21	113.27	0.00	5.84	99.80	101.04	-21.48	367.67	0.00	367.67	47.25	414.92	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 10/Jan/2019

Position as on 6.30 Hrs of 11/Jan/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Nasik Unit 5	210	22/11/2018	03.50		Continued.	Boiler Tube Leakage work completed on 24/11/2018. Available against case 4 from 25/11/2018. Converted to COH from 00:00 Hrs of 05/12/2018 (for 40 Days)	
RINFRA-G	REL Unit 1	250	23/12/2018	06.06		Continued.	For COH.	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		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	
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	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn due to B0 & U-7	
MSPGCL	Paras Unit 3	250	15/09/2018	00.55		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Zero Schedule.	
MSPGCL	Koyana Unit 1	70	26/11/2018	00.00		Continued.	Oil Cooler Leakage.	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	ZERO SCHEDULE.	
MSPGCL	Parli Unit 7	250	12/12/2018	00.00		Continued.	ZERO SCHEDULE.	
MSPGCL	Bhusawal Unit 3	210	14/12/2018	03.00		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-1	270	14/12/2018	16.00		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-3	270	14/12/2018	16.30		Continued.	Zero Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	RPL(AMT) U-2	270	27/12/2018	19.30		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-5	270	28/12/2018	19.30		Continued.	Zero Schedule.	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 3	210	09/01/2019	19.30		Continued.	Zero Schedule	
MSPGCL	Koradi Unit 9	660	09/01/2019	20.55		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 10/Jan/2019

Statement-VII

Position as on 6.30 Hrs of 11/Jan/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Tripping							
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 II	InterState	24/12/2018	18.09	10/01/2019	07.01	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	10/01/2019	16.32		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	03/01/2019	11.30		Continued.	PO	New Line Tower Erection work
Padghe - Nagothane - I	IntraState	03/01/2019	11.30		Continued.	PO	New Line Tower Erection work
Khadka-Aurangabad (Waluj)	IntraState	09/01/2019	17.49	10/01/2019	08.24	HT	Over Voltage
Karad - Jaigad - II	IntraState	09/01/2019	20.29	10/01/2019	10.00	HT	Over Voltage
Chandrapur II- Warora ckt II	IntraState	10/01/2019	08.10	10/01/2019	19.13	PO	Tightening of Conductor
Deepnagar - Aurangabad	IntraState	10/01/2019	08.37	10/01/2019	16.16	PO	Replacement of Dead end and Mid Span Joint
Karad-Jaigad - I	IntraState	10/01/2019	17.43		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	10/01/2019	17.59		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	11/01/2019	02.25		Continued.	T	Distance Protection
400 KV ICT Outages/Tripping							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential protection, Declared Faulty.
400/220kv 315MVA ICT-I@Parly	IntraState	24/12/2018	15.40	11/01/2019	04.01	PO	Replacement Of B-PH Unit By Re paired One.
400/220/33 Kv 315 MVA ICT -I @Nagothane	IntraState	10/01/2019	09.42	10/01/2019	18.24	PO	Diagnostic Testing work
400/220/33kv 315mva lct3 @Lonikand	IntraState	10/01/2019	12.13	10/01/2019	19.57	PO	Routine Maintenance Work
220 KV LINE Outages/Tripping							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	No Schedule
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
Nasik Navsari I	InterState	10/01/2019	00.00	10/01/2019	12.45	T	Distance Protection
Mahalakshmi Amona	InterState	10/01/2019	04.51	10/01/2019	15.10	T	Distance Protection Zone1
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	For Bunching Of Conductor at Loc No.86 Disconnecting Of jumper at Loc No.86 to 107 And Deenergising The Line Between Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To control line loading.
Versova Aarey Line 1	IntraState	10/01/2019	06.51	10/01/2019	20.13	PO	Daily Metro Work
Dahanu Ghodbunder Line 2	IntraState	10/01/2019	08.22	10/01/2019	19.29	PO	CVT work at Dahanu end
Telco- Chinchwad	IntraState	10/01/2019	09.10	10/01/2019	18.25	PO	Conversion of SSN to DSN
Khadka-Chalisgaon-2	IntraState	10/01/2019	09.25	10/01/2019	12.05	PO	Line Maintenance work
BOISAR BORIVALI	IntraState	10/01/2019	11.12	10/01/2019	18.56	PO	LA Replacement at Boisar end
Vsni-512 Khadki	IntraState	10/01/2019	13.15	10/01/2019	18.29	PO	Outage at Khadki end
Pedhambe - Oni	IntraState	10/01/2019	13.41	10/01/2019	18.58	T	B Phase LA Failed at Loni end
Trombay MSETCL Tie 1	IntraState	10/01/2019	23.45	11/01/2019	01.35	PO	Commissioning of Main-2 Islanding Panel
Trombay MSETCL Tie 2	IntraState	10/01/2019	23.45	11/01/2019	01.35	PO	Commissioning of Main-2 Islanding Panel
220 KV ICT Outages/Tripping							
220/132 Kv 200 Mva Cgl lct 1 @Raymond (Nasik 2)	IntraState	10/01/2019	09.30	10/01/2019	Continued.	PO	Oil Filtration work
220/132kv 200mva Vijai Ptr 1 @Lonand	IntraState	10/01/2019	10.00	10/01/2019	19.40	PO	HV CB replacement work

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 10/Jan/2019

Statement-VII

Position as on 6.30 Hrs of 11/Jan/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/100 Kv 100mva Bharat Bijlee Ptr No 4 @Chinchwad	IntraState	10/01/2019	12.26	10/01/2019	17.29	PO	Diagnostic Testing work