

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Jan/2019 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	145.061	1745.683	1) Gujrat	-0.534	19.371
2) Hydro	7.496	78.182	2) Madhya Pradesh	9.910	87.744
3) Gas	3.476	80.803	3) Chattisgarh	3.910	47.080
Total MSPGCL	156.033	1904.668	4) Maharashtra Net	100.528	1055.769
B) 1) APML	71.319	823.189	5) Goa (Amona)	-0.154	-2.662
2) JSWEL	23.405	273.452	Total	113.660	1207.302
3) VIPL	5.297	63.868	a) Mumbai Schedule	22.886	198.730
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	25.236	256.882
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	7.985	136.599
6) PGPL	0.000	0.000	Include PX	-6.563	-65.644
7) Other IPP	13.322	187.595	d) Mumbai Bilateral *	22.886	198.730
C) 1) TPCL Thermal	5.313	146.299	Include PX	5.547	6.307
2) TPCL Hydro	4.333	40.804	Include Standby	0.000	0.000
3) TPCL Gas	4.397	52.263	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	4.917	57.187	1) MSEDCL	368.340	4344.715
D) STATE			2) Mumbai Discoms	44.196	553.435
1) Thermal	268.634	3297.273	TOTAL STATE	412.536	4898.150
(A1+C1+C4+(B1-B6))					
2) Hydro	11.829	118.986			
(A2+C2)					
3) Gas	7.873	133.066			
(A3+B6+C3)					
4) Wind	4.935	72.242			
6) SOLAR	5.605	69.281			
TOTAL STATE	298.876	3690.848			

* 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 3 Hrs
MSPGCL Thermal	6630	6466	6117	5365
MSPGCL Hydro	1004	466	344	82
MSPGCL Gas	144	141	143	149
MSPGCL Total Generation	7778	7074	6604	5596
Central Sector Receipt	5537	5537	4909	3806
WIND	207	244	336	103
CPP / IPP Thermal	5248	5000	4953	3955
CPP / IPP Gas	0	0	0	0
SOLAR	731	834	0	0
Exchange with Mumbai	-1314	-1294	-1259	-704
MSEDCL DEMAND MET	18187	17394	15543	12755
Load Shedding	0	0	0	0
MSEDCL DEMAND	18187	17394	15543	12755
TPCL GENERATION	725	707	737	385
R-INFRA GENERATION	252	250	187	188
MUMBAI DEMAND	2291	2251	2183	1277
STATE DEMAND MET	20478	19645	17726	14032
STATE DEMAND	20478	19645	17726	14032
Frequency (Hz)	50.00	50.03	50.02	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 21.59 Hrs	49.74 Hz at 05.10 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/Jan/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.46	20.68	170	90
Unit 7	3.45	42.94	160	109
Unit 8	10.48	55.27	504	310
Unit 9	0.00	99.98	0	0
Unit 10	9.75	121.59	502	320
Total	27.14	340.47		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.21	115.92	500	350
Unit 5	10.22	115.95	500	350
Total	20.42	231.88		
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	2.68	56.43	250	0
Total	2.68	56.43		
Chandrapur				
Unit 3	4.21	50.91	191	155
Unit 4	4.08	46.48	183	160
Unit 5	9.36	111.29	410	365
Unit 6	10.28	116.68	460	355
Unit 7	9.84	113.15	452	347
Unit 8	10.69	125.23	490	360
Unit 9	10.38	125.91	470	361
Total	58.85	689.65		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.76	63.37	256	208
Total	5.76	63.37		
Khaparkheda				
Unit 1	3.72	43.82	165	135
Unit 2	3.62	42.56	160	130
Unit 3	3.74	44.36	170	145
Unit 4	3.84	43.46	165	155
Unit 5	11.06	117.90	500	380
Total	25.96	292.10		
Nasik				
Unit 3	0.00	22.11	0	0
Unit 4	4.25	49.68	205	165
Unit 5	0.00	0.00	0	0
Total	4.25	71.79		
Uran				
All Units	3.48	80.80	155	129
Total	3.48	80.80		
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)	0.00	0.78	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.78		
Koyna				
Stage 1-2	2.08	22.88	325	40
Stage 4	1.38	4.75	250	0
Stage 3	0.71	6.28	80	0
Total	4.17	33.92		
Hydro				
KDPH	0.44	3.75	19	19
VTRNA	0.50	5.87	60	0
TILLARI	0.45	5.17	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.15	1.88	80	0
RNGR+BHTSA	0.32	3.51	14	13
BHANDARDRA	0.00	0.06	0	0
ELDARY	0.20	2.60	9	8
SMLHY_PTN	0.11	4.22	13	2
GHATGHAR	1.16	17.20	250	0
Total	3.33	44.27		
Wind				
Total	4.94	72.24	0	0
Total	4.94	72.24		
CPP				
APML(Mus)	71.32	823.19	0	0
JSWEL(Mus)	23.40	273.45	0	0
VIPL(Mus)	5.30	63.87	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	13.32	187.60	0	0
Total	113.34	1348.10		
SOLAR				
Total	5.60	69.28	0	0
Total	5.60	69.28		
Tata				
Trombay 5	0.00	83.46	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.79	33.07	117	115
Trombay 7B	1.60	19.20	68	66
Trombay 8	5.31	62.84	241	200
TATA Hydro	4.33	40.80	376	0
Total	14.04	239.37		
R-INFRA				
DTPS U-1&2	4.92	57.19	253	187
Total	4.92	57.19		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	145.06	1745.68	MSPGCL Total	156.03	1904.67
			MSPGCL Thml+Gas	148.54	1826.49	Koyna 1,2 & 4 Total	3.46	27.63
			MSPGCL Hydro	7.50	78.18	State Total	298.88	3690.85

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/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	5377	102	155	5634	105	4005	0	0	3574	3987	-866	12865	0	12865	1476	14341	49.91
2	5370	132	147	5648	111	3979	0	0	3868	3865	-763	12840	0	12840	1345	14185	49.85
3	5365	82	149	5596	103	3955	0	0	3887	3806	-704	12755	0	12755	1277	14032	49.98
4	5352	82	149	5582	117	3948	0	0	3636	3954	-672	12929	0	12929	1244	14173	49.99
5	5355	96	149	5600	87	4010	0	0	3944	4232	-680	13249	0	13249	1252	14501	49.97
6	5699	82	149	5930	111	4316	0	0	4559	4809	-802	14363	0	14363	1375	15738	49.95
7	6254	208	150	6612	125	4943	0	3	5149	5175	-845	16012	0	16012	1514	17526	50.06
8	6571	366	150	7088	137	5403	0	57	5276	5083	-910	16857	0	16857	1648	18505	49.98
9	6678	852	149	7678	118	5434	0	261	5171	5106	-1051	17546	0	17546	1882	19428	49.92
10	6694	906	148	7748	155	5434	0	537	5426	5359	-1204	18029	0	18029	2129	20158	49.95
11	6630	1004	144	7778	207	5248	0	731	5596	5537	-1314	18187	0	18187	2291	20478	50.00
12	6711	882	142	7736	233	5167	0	822	5624	5419	-1303	18073	0	18073	2321	20394	49.99
13	6466	466	141	7074	244	5000	0	834	5752	5537	-1294	17394	0	17394	2251	19645	50.03
14	6364	144	129	6638	271	4783	0	841	5720	5660	-1324	16868	0	16868	2112	18980	49.99
15	6286	118	139	6544	316	4724	0	704	5629	5462	-1256	16494	0	16494	2084	18578	49.92
16	6256	126	139	6520	340	4763	0	500	5469	5532	-1211	16445	0	16445	2074	18519	49.92
17	6204	162	141	6508	415	4927	0	272	5033	4929	-1166	15885	0	15885	2078	17963	49.90
18	6233	234	132	6598	313	5021	0	43	4431	4442	-1171	15247	0	15247	2095	17342	50.01
19	6117	344	143	6604	336	4953	0	0	4475	4909	-1259	15543	0	15543	2183	17726	50.02
20	6025	442	144	6610	308	4954	0	0	4638	4334	-1225	14982	0	14982	2193	17175	49.97
21	6065	198	146	6410	227	4817	0	0	4067	4370	-1145	14679	0	14679	2088	16767	50.02
22	6056	198	146	6400	155	4729	0	0	3988	3988	-1093	14180	0	14180	1934	16114	50.00
23	5686	184	147	6018	201	4536	0	0	3893	4011	-1025	13741	0	13741	1759	15500	49.99
24	5247	84	148	5480	200	4293	0	0	4400	4154	-953	13174	0	13174	1591	14765	50.05
MUs	145.06	7.50	3.48	156.03	4.94	113.34	0.00	5.60	113.20	113.66	-25.24	368.34	0.00	368.34	44.20	412.54	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/Jan/2019

Position as on 6.30 Hrs of 13/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.	
TPC-G	Trombay 5	500	11/01/2019	23.56		Continued.	Annual Overhaul	
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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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	13/01/2019	18.41	Boiler Tube Leakage	
MSPGCL	Uran Unit 6	108	12/01/2019	00.10	13/01/2019	18.17	Filter Replacement	
IPP	Dhariwal	300	12/01/2019	10.15		Continued.	Coal Shortage	
MSPGCL	Parli Unit 8	250	12/01/2019	12.00		Continued.	Zero Schedule by MSEDCL	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Jan/2019

Statement-VII

Position as on 6.30 Hrs of 13/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/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	10/01/2019	16.32		Continued.	HT	Over Voltage
Chandrapur-II - Warora - I	InterState	11/01/2019	07.51	12/01/2019	07.36	PO	Tightening of Conductor,Earth Wire,Hardware
Khadka-Aurangabad (Waluj)	IntraState	11/01/2019	19.27	12/01/2019	07.45	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	11/01/2019	20.22		Continued.	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	12/01/2019	08.22	12/01/2019	19.16	PO	Replacement of Dead end and Mid Span
Bhusawal-Aurangabad	IntraState	12/01/2019	19.20		Continued.	HT	Over Voltage
Kharghar-Talegaon(PG)	IntraState	13/01/2019	03.31	13/01/2019	08.54	T	Over Voltage
Padghe - Kalwa- I	IntraState	13/01/2019	03.33	13/01/2019	09.03	T	Over Voltage
Kharghar-Talegaon(PG)	IntraState	13/01/2019	16.26		Continued.	EO	Attend hot spot Y-Phase wavetrap.
Lonikand I - Koyna stage-IV	IntraState	13/01/2019	21.15		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential protection, Declared Faulty.
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	13/01/2019	09.22	13/01/2019	19.35	PO	Bay 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.
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.
Bapgaon - Kalwa	IntraState	12/01/2019	07.58	12/01/2019	10.35	PO	To attend Y Phase CT Oil Leakage
Pedhambe - Oni	IntraState	12/01/2019	09.07	12/01/2019	18.17	PO	Cleaning of Insulator String
Koradi II - Kawlewada	IntraState	12/01/2019	09.35	12/01/2019	12.30	PO	Disc Insulator Replacement Work
Warora - Hinganghat	IntraState	12/01/2019	10.33	12/01/2019	13.55	PO	Tan Delta Measurment of CTs
Washala - Ghatghar	IntraState	12/01/2019	11.07	12/01/2019	19.33	PO	E/W replacement
Ghatghar - Jindal	IntraState	12/01/2019	11.59	12/01/2019	19.07	PO	E/W replacement
Nanded-Ghatodi	IntraState	12/01/2019	14.01	12/01/2019	18.50	PO	Disc Insulator Replacement Work
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Cgl Ict 1 @Raymond (Nasik 2)	IntraState	10/01/2019	09.30	10/01/2019	Continued.	PO	Oil Filtration work
220/132 Kv 100 Mva lbt Ptr @Old Gcr Parli	IntraState	12/01/2019	04.28	13/01/2019	20.14	T	DC fail diff LV/HV/OC EF or LBB relay unhealthy.
220/132 Kv 200 Mva Cgl Ict @Satana	IntraState	12/01/2019	09.35	12/01/2019	12.40	PO	Tan Delta Measurment of CTs
220/100 Kv 200 Mva Vijai Ict 3 @Padghe	IntraState	12/01/2019	11.37	12/01/2019	18.24	PO	Testing Work
220/132 kV 150MVA ICT-II @ Satara	IntraState	12/01/2019	13.15	12/01/2019	15.10	PO	Tan Delta Measurment of CTs
220/132 Kv 100 Mva lbt Ptr @Old Gcr Parli	IntraState	13/01/2019	20.35	13/01/2019	21.22	T	Abnormal sound in bushing.

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