

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Jan/2019 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	139.351	1885.034	1) Gujrat	2.625	21.996
2) Hydro	6.086	84.268	2) Madhya Pradesh	10.769	98.513
3) Gas	4.133	84.936	3) Chattisgarh	3.850	50.930
Total MSPGCL	149.570	2054.238	4) Maharashtra Net	101.660	1157.429
B) 1) APML	68.527	891.716	5) Goa (Amona)	-0.154	-2.816
2) JSWEL	21.983	295.435	Total	118.750	1326.052
3) VIPL	4.363	68.231	a) Mumbai Schedule	20.629	219.359
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	23.252	280.134
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	10.786	147.385
6) PGPL	0.000	0.000	Include PX	-1.379	-67.024
7) Other IPP	11.853	199.448	d) Mumbai Bilateral *	20.629	219.359
C) 1) TPCL Thermal	4.926	151.225	Include PX	7.031	13.338
2) TPCL Hydro	1.264	42.068	Include Standby	0.000	0.000
3) TPCL Gas	4.391	56.654	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	4.726	61.913	1) MSEDCL	362.744	4707.459
D) STATE			2) Mumbai Discoms	38.559	591.994
1) Thermal	255.729	3553.002	TOTAL STATE	401.303	5299.453
(A1+C1+C4+(B1-B6))					
2) Hydro	7.350	126.336			
(A2+C2)					
3) Gas	8.524	141.590			
(A3+B6+C3)					
4) Wind	5.286	77.528			
6) SOLAR	5.664	74.945			
TOTAL STATE	282.553	3973.401			

* 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 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6161	6214	5842	5310
MSPGCL Hydro	512	436	410	154
MSPGCL Gas	144	140	208	149
MSPGCL Total Generation	6818	6790	6460	5614
Central Sector Receipt	6198	5718	4556	4029
WIND	222	223	176	260
CPP / IPP Thermal	5072	4838	4475	3773
CPP / IPP Gas	0	0	0	0
SOLAR	717	850	0	0
Exchange with Mumbai	-1146	-1207	-1113	-670
MSEDCL DEMAND MET	17881	17213	14555	13006
Load Shedding	0	0	0	0
MSEDCL DEMAND	17881	17213	14555	13006
TPCL GENERATION	482	468	604	386
R-INFRA GENERATION	252	189	188	187
MUMBAI DEMAND	1880	1864	1905	1243
STATE DEMAND MET	19761	19077	16460	14249
STATE DEMAND	19761	19077	16460	14249
Frequency (Hz)	49.99	49.96	50.00	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.25 Hz at 06.02 Hrs	49.78 Hz at 05.11 Hrs	50	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 13/Jan/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.80	24.48	210	110
Unit 7	3.15	46.09	151	75
Unit 8	8.61	63.88	401	316
Unit 9	1.13	101.11	312	0
Unit 10	10.78	132.37	501	320
Total	27.47	367.93		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.66	125.59	500	350
Unit 5	9.70	125.66	500	350
Total	19.37	251.24		
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	0.00	56.43	0	0
Total	0.00	56.43		
Chandrapur				
Unit 3	4.20	55.11	190	163
Unit 4	4.01	50.49	182	160
Unit 5	9.25	120.53	400	362
Unit 6	9.96	126.64	455	360
Unit 7	9.03	122.19	408	360
Unit 8	10.48	135.70	490	363
Unit 9	10.37	136.28	490	360
Total	57.30	746.94		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.62	68.99	255	202
Total	5.62	68.99		
Khaparkheda				
Unit 1	3.74	47.56	160	130
Unit 2	3.76	46.32	160	145
Unit 3	3.93	48.29	170	155
Unit 4	3.88	47.33	170	155
Unit 5	10.14	128.05	485	380
Total	25.45	317.55		
Nasik				
Unit 3	0.00	22.11	0	0
Unit 4	4.15	53.84	208	160
Unit 5	0.00	0.00	0	0
Total	4.15	75.95		
Uran				
All Units	4.13	84.94	313	129
Total	4.13	84.94		
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	1.36	24.24	165	40
Stage 4	0.61	5.36	187	0
Stage 3	0.32	6.60	80	0
Total	2.28	36.20		
Hydro				
KDPH	0.44	4.19	19	19
VTRNA	0.53	6.41	60	0
TILLARI	0.42	5.59	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	2.05	80	0
RNGR+BHTSA	0.30	3.81	13	12
BHANDARDRA	0.00	0.06	0	0
ELDARY	0.17	2.78	9	0
SMLHY_PTN	0.40	4.62	25	14
GHATGHAR	1.36	18.57	250	0
Total	3.80	48.07		
Wind				
Total	5.29	77.53	0	0
Total	5.29	77.53		
CPP				
APML(Mus)	68.53	891.72	0	0
JSWEL(Mus)	21.98	295.44	0	0
VIPL(Mus)	4.36	68.23	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	11.85	199.45	0	0
Total	106.73	1454.83		
SOLAR				
Total	5.66	74.94	0	0
Total	5.66	74.94		
Tata				
Trombay 5	0.00	83.46	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.79	35.86	117	115
Trombay 7B	1.60	20.80	68	66
Trombay 8	4.93	67.77	222	202
TATA Hydro	1.26	42.07	219	0
Total	10.58	249.95		
R-INFRA				
DTPS U-1&2	4.73	61.91	252	186
Total	4.73	61.91		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	139.35	1885.03	MSPGCL Total	149.57	2054.24
			MSPGCL Thml+Gas	143.48	1969.97	Koyna 1,2 & 4 Total	1.97	29.60
			MSPGCL Hydro	6.09	84.27	State Total	282.55	3973.40

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/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	5249	94	148	5490	123	4025	0	0	4424	4571	-832	13378	0	13378	1433	14811	50.01
2	5298	92	149	5540	243	3847	0	0	4552	4312	-734	13208	0	13208	1312	14520	49.97
3	5310	154	149	5614	260	3773	0	0	4095	4029	-670	13006	0	13006	1243	14249	50.03
4	5314	150	149	5614	353	3777	0	0	4290	4340	-633	13451	0	13451	1205	14656	50.02
5	5303	88	149	5540	342	3785	0	0	4424	4506	-631	13542	0	13542	1204	14746	49.91
6	5637	94	150	5880	336	4004	0	0	5078	5097	-723	14595	0	14595	1294	15889	50.00
7	5796	92	151	6038	376	4406	0	3	5286	5015	-803	15036	0	15036	1377	16413	50.09
8	6113	338	150	6600	322	4828	0	65	5281	5709	-889	16636	0	16636	1462	18098	50.03
9	6290	450	150	6890	216	5066	0	293	5620	5394	-988	16871	0	16871	1619	18490	50.00
10	6268	472	146	6886	280	5088	0	533	5877	5914	-1042	17659	0	17659	1768	19427	49.96
11	6161	512	144	6818	222	5072	0	717	6114	6198	-1146	17881	0	17881	1880	19761	49.99
12	6221	728	132	7082	189	5028	0	825	6127	5958	-1235	17847	0	17847	1910	19757	49.99
13	6214	436	140	6790	223	4838	0	850	5870	5718	-1207	17213	0	17213	1864	19077	49.96
14	6223	230	129	6582	194	4806	0	812	5566	5438	-1120	16713	0	16713	1760	18473	50.04
15	6173	130	139	6442	173	4717	0	672	5565	5575	-1104	16476	0	16476	1706	18182	50.03
16	5989	238	130	6358	187	4710	0	496	5200	5311	-1068	15994	0	15994	1651	17645	49.99
17	5862	230	141	6234	155	4811	0	355	5046	5083	-1007	15631	0	15631	1625	17256	50.01
18	5794	240	141	6176	97	4841	0	43	4760	4554	-1060	14651	0	14651	1664	16315	50.04
19	5834	214	152	6200	100	4811	0	0	4766	4637	-1126	14623	0	14623	1833	16456	49.97
20	5842	410	208	6460	176	4475	0	0	4795	4556	-1113	14555	0	14555	1905	16460	50.00
21	5516	310	268	6094	153	4251	0	0	4792	4767	-1103	14162	0	14162	1870	16032	49.99
22	5592	152	301	6044	144	4115	0	0	4622	4321	-1081	13544	0	13544	1794	15338	50.02
23	5673	130	313	6116	174	3872	0	0	4162	3980	-1039	13103	0	13103	1671	14774	49.99
24	5679	100	304	6084	248	3774	0	0	3800	3767	-898	12975	0	12975	1509	14484	50.01
MUs	139.35	6.09	4.13	149.57	5.29	106.73	0.00	5.66	120.11	118.75	-23.25	362.74	0.00	362.74	38.56	401.30	50.00

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 13/Jan/2019

Position as on 6.30 Hrs of 14/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 13/Jan/2019

Statement-VII

Position as on 6.30 Hrs of 14/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
Jaigad-Karad Ckt-II	IntraState	11/01/2019	20.22		Continued.	HT	Over Voltage
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.
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 Ibt 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 100 Mva Ibt 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