

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Jan/2019 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	134.936	134.936	1) Gujrat	1.777	1.777
2) Hydro	5.228	5.228	2) Madhya Pradesh	6.001	6.001
3) Gas	7.302	7.302	3) Chattisgarh	3.820	3.820
Total MSPGCL	147.466	147.466	4) Maharashtra Net	79.909	79.909
B) 1) APML	67.292	67.292	5) Goa (Amona)	-0.308	-0.308
2) JSWEL	21.228	21.228	Total	91.199	91.199
3) VIPL	5.239	5.239	a) Mumbai Schedule	16.362	16.362
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	20.191	20.191
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	8.787	8.787
6) PGPL	0.000	0.000	Include PX	-8.240	-8.240
7) Other IPP	15.898	15.898	d) Mumbai Bilateral *	16.362	16.362
C) 1) TPCL Thermal	12.371	12.371	Include PX	1.238	1.238
2) TPCL Hydro	1.991	1.991	Include Standby	0.000	0.000
3) TPCL Gas	4.138	4.138	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	4.630	4.630	1) MSEDCL	342.353	342.353
D) STATE			2) Mumbai Discoms	43.321	43.321
1) Thermal	261.594	261.594	TOTAL STATE	385.674	385.674
(A1+C1+C4+(B1-B6))					
2) Hydro	7.219	7.219			
(A2+C2)					
3) Gas	11.440	11.440			
(A3+B6+C3)					
4) Wind	8.720	8.720			
6) SOLAR	5.502	5.502			
TOTAL STATE	294.475	294.475			

* 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	5872	6038	5771	5270
MSPGCL Hydro	724	321	138	83
MSPGCL Gas	299	288	295	320
MSPGCL Total Generation	6895	6647	6204	5673
Central Sector Receipt	5034	4828	4301	2249
WIND	350	308	264	523
CPP / IPP Thermal	5239	5194	4638	3907
CPP / IPP Gas	0	0	0	0
SOLAR	719	795	0	0
Exchange with Mumbai	-1036	-1066	-1031	-517
MSEDCL DEMAND MET	17201	16706	14376	11835
Load Shedding	0	0	0	0
MSEDCL DEMAND	17201	16706	14376	11835
TPCL GENERATION	938	894	934	624
R-INFRA GENERATION	189	213	190	190
MUMBAI DEMAND	2163	2173	2155	1331
STATE DEMAND MET	19364	18879	16531	13166
STATE DEMAND	19364	18879	16531	13166
Frequency (Hz)	50.02	50.02	49.99	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.27 Hz at 22:01 Hrs	49.68 Hz at 08:23 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 01/Jan/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	3.82	3.82	175	145
Unit 8	0.00	0.00	0	0
Unit 9	9.58	9.58	576	327
Unit 10	8.73	8.73	430	320
Total	22.12	22.12		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.40	9.40	500	350
Unit 5	9.32	9.32	500	350
Total	18.72	18.72		
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	4.87	4.87	241	195
Total	4.87	4.87		
Chandrapur				
Unit 3	4.38	4.38	195	166
Unit 4	4.26	4.26	190	163
Unit 5	9.18	9.18	405	360
Unit 6	9.92	9.92	455	365
Unit 7	9.09	9.09	410	360
Unit 8	10.21	10.21	475	370
Unit 9	10.30	10.30	480	365
Total	57.34	57.34		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	3.88	3.88	252	0
Total	3.88	3.88		
Khaparkheda				
Unit 1	3.64	3.64	170	130
Unit 2	3.58	3.58	160	130
Unit 3	3.70	3.70	174	131
Unit 4	3.61	3.61	170	125
Unit 5	9.37	9.37	440	372
Total	23.90	23.90		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.10	4.10	200	162
Unit 5	0.00	0.00	0	0
Total	4.10	4.10		
Uran				
All Units	7.30	7.30	322	275
Total	7.30	7.30		
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)	0.07	0.07	36	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.07	0.07		
Koyna				
Stage 1-2	2.10	2.10	310	40
Stage 4	0.00	0.00	0	0
Stage 3	0.38	0.38	152	0
Total	2.48	2.48		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.52	0.52	60	0
TILLARI	0.27	0.27	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	0.14	80	0
RNGR+BHTSA	0.34	0.34	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.23	0.23	10	9
SMLHY_PTN	0.50	0.50	29	18
GHATGHAR	0.75	0.75	250	0
Total	2.74	2.74		
Wind				
Total	8.72	8.72	0	0
Total	8.72	8.72		
CPP				
APML(Mus)	67.29	67.29	0	0
JSWEL(Mus)	21.23	21.23	0	0
VIPL(Mus)	5.24	5.24	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	15.90	15.90	0	0
Total	109.66	109.66		
SOLAR				
Total	5.50	5.50	0	0
Total	5.50	5.50		
Tata				
Trombay 5	7.14	7.14	306	279
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.59	2.59	117	78
Trombay 7B	1.55	1.55	68	55
Trombay 8	5.23	5.23	226	200
TATA Hydro	1.99	1.99	222	0
Total	18.50	18.50		
R-INFRA				
DTPS U-1&2	4.63	4.63	238	189
Total	4.63	4.63		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	134.94	134.94	MSPGCL Total	147.47	147.47
			MSPGCL Thml+Gas	142.24	142.24	Koyna 1,2 & 4 Total	2.10	2.10
			MSPGCL Hydro	5.23	5.23	State Total	294.48	294.48

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/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	5266	243	317	5826	482	3921	0	0	1993	2275	-659	11845	0	11845	1515	13360	49.99
2	5275	87	319	5681	558	3946	0	0	2567	2386	-572	11999	0	11999	1407	13406	50.00
3	5270	83	320	5673	523	3907	0	0	2236	2249	-517	11835	0	11835	1331	13166	49.98
4	5253	88	320	5661	516	3906	0	0	2570	2279	-453	11909	0	11909	1267	13176	50.01
5	5251	88	312	5651	636	3894	0	0	2655	2819	-460	12540	0	12540	1272	13812	49.96
6	5253	83	321	5657	589	3918	0	0	3330	3652	-551	13265	0	13265	1363	14628	49.96
7	5685	152	321	6158	609	4312	0	4	4023	4128	-626	14585	0	14585	1447	16032	50.01
8	6058	108	322	6488	570	4905	0	78	4594	4170	-721	15490	0	15490	1575	17065	49.90
9	5761	162	319	6242	422	5004	0	346	4481	4593	-820	15787	0	15787	1789	17576	49.83
10	5649	596	304	6549	356	5080	0	570	4634	4763	-875	16443	0	16443	1999	18442	49.88
11	5872	724	299	6895	350	5239	0	719	4962	5034	-1036	17201	0	17201	2163	19364	50.02
12	6039	638	291	6968	291	5216	0	763	5099	4918	-1079	17077	0	17077	2211	19288	50.03
13	6038	321	288	6647	308	5194	0	795	4842	4828	-1066	16706	0	16706	2173	18879	50.02
14	5933	120	275	6328	315	5010	0	764	4625	4502	-1031	15888	0	15888	2059	17947	50.02
15	5809	81	285	6175	276	4924	0	670	4650	4905	-1060	15890	0	15890	2043	17933	50.01
16	5791	82	275	6148	211	4824	0	500	4422	4814	-1028	15469	0	15469	2025	17494	49.99
17	5882	166	288	6336	190	4859	0	247	4396	4183	-1031	14784	0	14784	2025	16809	50.03
18	5862	87	290	6239	173	4880	0	46	4184	3860	-1034	14164	0	14164	2031	16195	50.03
19	5771	138	295	6204	264	4638	0	0	4136	4301	-1031	14376	0	14376	2155	16531	49.99
20	5769	142	309	6220	276	4618	0	0	4208	4090	-1005	14199	0	14199	2130	16329	50.04
21	5565	148	301	6014	222	4416	0	0	3832	3704	-1020	13336	0	13336	2047	15383	50.01
22	5350	347	312	6009	194	4392	0	0	2995	3219	-938	12876	0	12876	1931	14807	50.04
23	5246	412	303	5961	193	4382	0	0	2608	2785	-861	12460	0	12460	1767	14227	49.97
24	5288	132	316	5736	196	4273	0	0	3091	2742	-717	12230	0	12230	1596	13826	50.04
MUs	134.94	5.23	7.30	147.47	8.72	109.66	0.00	5.50	91.13	91.20	-20.19	342.35	0.00	342.35	43.32	385.67	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 01/Jan/2019

Position as on 6.30 Hrs of 02/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 4	70	03/11/2018	09.02		Continued.	Stator Earth Fault	
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	
MSPGCL	Koradi Unit 6	210	22/12/2018	01.18		Continued.	Bearing Temperature high	
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.	
MSPGCL	Nasik Unit 3	210	28/12/2018	22.05		Continued.	Zero Schedule.	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
MSPGCL	Koradi Unit-8	660	29/12/2018	23.01		Continued.	FOR BOILER VALIDITY EXTENSION PCR.	
MSPGCL	Paras Unit 4	250	01/01/2019	09.15	01/01/2019	13.50	GENTREATOR ELECTRICAL PROBLEM.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Jan/2019

Statement-VII

Position as on 6.30 Hrs of 02/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 II	InterState	24/12/2018	18.09		Continued.	HT	Over Voltage
Koradi Bhilai	InterState	01/01/2019	19.57	01/01/2019	20.54	T	Distance Protection
Karad-Jaigad - I	IntraState	29/12/2018	17.31		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	31/12/2018	17.22	01/01/2019	09.56	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	31/12/2018	21.18	01/01/2019	09.50	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	01/01/2019	18.12		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	01/01/2019	20.14		Continued.	HT	Over Voltage
Padghe - Nagothane - I	IntraState	02/01/2019	01.25		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.
400/220/33kv 500MVA ICT 5 @ Padghe	IntraState	25/11/2018	00.54		Continued.	T	NDR ALARM CHANGED ON HUMMING AT (30-12-2018 AT 18.21.)
400/220kv 315MVA ICT-I@Parly	IntraState	24/12/2018	15.40		Continued.	PO	Replacement Of B-PH Unit By Re pared One.
400/220 KV 315 MVA ICT- I @Koradi	IntraState	01/01/2019	10.58	01/01/2019	17.10	PO	Attending Oil Leakage
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.
Nasik Navsari I	InterState	01/01/2019	09.08	01/01/2019	13.56	EO	EM-R PHASE CT OIL LEAKAGE.
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.
Kalwa-TIFIL	IntraState	27/11/2018	06.06		Continued.	EO	Tapping Of Tifil Substation On 220KV Kharghar-Borivali Line
Padgha - Temghar I	IntraState	03/12/2018	08.15		Continued.	EO	To control load on Padgha ICTs.
Padgha-Temghar-II	IntraState	03/12/2018	08.15		Continued.	EO	To control load on Padgha ICTs.
Bhira Dharavi 7	IntraState	22/12/2018	09.00		Continued.	PO	Errection Of Tower At LOC.124
Trombay - Kalwa	IntraState	24/12/2018	14.50		Continued.	PO	For Replacement Of Rusted Tower.
Trombay - Mulund	IntraState	24/12/2018	15.14		Continued.	PO	For Replacement Of Rusted Tower.
Taloja II - OCIL-I	IntraState	31/12/2018	10.50		Continued.	PO	REPLACEMENT OF METERING CT & PT & AT OCIL END.
Kandalgaon - Sona Alloys	IntraState	01/01/2019	04.24	01/01/2019	05.30	T	Distance Protection
Karad(400kv) - Ogalewadi Ckt 2	IntraState	01/01/2019	08.57	01/01/2019	20.38	PO	RESTRINGING WORK.
Miraj - Mhaishal	IntraState	01/01/2019	11.40	01/01/2019	12.40	PO	REPAIR SLEEVING OF CONDUCTOR.

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