

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Jan/2019 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	152.474	996.601	1) Gujrat	1.880	13.871
2) Hydro	4.336	42.964	2) Madhya Pradesh	6.750	46.226
3) Gas	7.280	48.031	3) Chattisgarh	3.610	28.580
Total MSPGCL	164.090	1087.596	4) Maharashtra Net	81.651	606.915
B) 1) APML	66.172	480.468	5) Goa (Amona)	-0.198	-1.430
2) JSWEL	22.900	158.675	Total	93.693	694.162
3) VIPL	5.049	37.718	a) Mumbai Schedule	15.627	113.637
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	20.994	144.632
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	12.790	83.564
6) PGPL	0.000	0.000	Include PX	-4.679	-39.860
7) Other IPP	15.627	111.548	d) Mumbai Bilateral *	15.627	113.637
C) 1) TPCL Thermal	12.555	90.379	Include PX	0.109	0.878
2) TPCL Hydro	4.561	20.957	Include Standby	0.000	0.000
3) TPCL Gas	4.425	30.234	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	4.570	33.741	1) MSEDCL	361.887	2509.062
D) STATE			2) Mumbai Discoms	47.105	319.943
1) Thermal	279.347	1909.130	TOTAL STATE	408.992	2829.005
(A1+C1+C4+(B1-B6))					
2) Hydro	8.897	63.921			
(A2+C2)					
3) Gas	11.705	78.265			
(A3+B6+C3)					
4) Wind	9.425	43.427			
6) SOLAR	5.925	40.100			
TOTAL STATE	315.299	2134.843			

* 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	6801	7024	6573	5653
MSPGCL Hydro	298	248	154	90
MSPGCL Gas	296	287	305	315
MSPGCL Total Generation	7396	7558	7032	6058
Central Sector Receipt	5216	4743	4272	2247
WIND	570	253	250	412
CPP / IPP Thermal	5112	5094	4587	3898
CPP / IPP Gas	0	0	0	0
SOLAR	767	875	3	0
Exchange with Mumbai	-1167	-1149	-1075	-378
MSEDCL DEMAND MET	17893	17374	15068	12237
Load Shedding	0	0	0	0
MSEDCL DEMAND	17893	17374	15068	12237
TPCL GENERATION	1087	1091	1122	687
R-INFRA GENERATION	191	191	189	191
MUMBAI DEMAND	2445	2431	2386	1256
STATE DEMAND MET	20338	19805	17454	13493
STATE DEMAND	20338	19805	17454	13493
Frequency (Hz)	50.01	50.01	49.92	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 21.50 Hrs	49.73 Hz at 05.13 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 07/Jan/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.58	2.64	168	0
Unit 7	3.62	25.78	160	143
Unit 8	4.22	4.22	400	0
Unit 9	12.71	78.70	660	451
Unit 10	11.75	71.54	550	442
Total	34.87	182.88		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.20	68.42	500	350
Unit 5	9.14	68.25	480	350
Total	18.34	136.67		
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	4.83	33.98	208	193
Total	4.83	33.98		
Chandrapur				
Unit 3	3.95	29.31	189	149
Unit 4	3.90	25.50	175	155
Unit 5	9.19	64.69	410	360
Unit 6	9.79	66.05	450	360
Unit 7	9.45	65.00	445	356
Unit 8	10.34	71.73	480	365
Unit 9	10.38	73.14	485	365
Total	57.00	395.42		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.17	36.69	256	200
Total	5.17	36.69		
Khaparkheda				
Unit 1	3.79	25.00	165	140
Unit 2	3.70	24.12	160	145
Unit 3	3.78	25.28	160	153
Unit 4	3.76	24.55	160	150
Unit 5	9.25	68.02	430	370
Total	24.28	166.97		
Nasik				
Unit 3	3.95	14.89	168	160
Unit 4	4.03	29.11	170	164
Unit 5	0.00	0.00	0	0
Total	7.98	43.99		
Uran				
All Units	7.28	48.03	319	273
Total	7.28	48.03		
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)	0.03	0.44	15	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.03	0.44		
Koyna				
Stage 1-2	1.67	13.26	225	40
Stage 4	0.15	1.57	86	0
Stage 3	0.20	3.44	80	0
Total	2.03	18.26		
Hydro				
KDPH	0.44	1.52	19	19
VTRNA	0.27	3.30	60	0
TILLARI	0.00	2.56	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.00	0.99	0	0
RNGR+BHTSA	0.13	2.07	13	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.22	1.58	10	9
SMLHY_PTN	0.31	2.78	21	10
GHATGHAR	0.94	9.91	125	0
Total	2.31	24.70		
Wind				
Total	9.42	43.43	0	0
Total	9.42	43.43		
CPP				
APML(Mus)	66.17	480.47	0	0
JSWEL(Mus)	22.90	158.68	0	0
VIPL(Mus)	5.05	37.72	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	15.63	111.55	0	0
Total	109.75	788.41		
SOLAR				
Total	5.92	40.10	0	0
Total	5.92	40.10		
Tata				
Trombay 5	7.33	53.78	312	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	19.08	117	116
Trombay 7B	1.62	11.15	68	66
Trombay 8	5.22	36.60	226	200
TATA Hydro	4.56	20.96	406	34
Total	21.54	141.57		
R-INFRA				
DTPS U-1&2	4.57	33.74	191	189
Total	4.57	33.74		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	152.47	996.60	MSPGCL Total	164.09	1087.60
			MSPGCL Thml+Gas	159.75	1044.63	Koyna 1,2 & 4 Total	1.82	14.83
			MSPGCL Hydro	4.34	42.96	State Total	315.30	2134.84

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/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	5665	90	303	6058	226	3899	0	0	3061	2756	-564	12374	0	12374	1441	13815	50.07
2	5653	96	316	6064	307	3899	0	0	2914	2576	-442	12404	0	12404	1317	13721	50.02
3	5653	90	315	6058	412	3898	0	0	2457	2247	-378	12237	0	12237	1256	13493	50.03
4	5651	90	316	6058	564	3897	0	0	2644	2267	-347	12438	0	12438	1227	13665	50.04
5	5640	100	306	6046	607	3902	0	0	2535	2521	-366	12710	0	12710	1244	13954	49.94
6	5865	356	316	6538	678	3959	0	0	3029	3394	-456	14112	0	14112	1381	15493	49.93
7	6481	178	319	6978	720	4749	0	6	4165	3828	-694	15587	0	15587	1610	17197	50.03
8	6756	92	319	7166	716	5131	0	74	4611	4475	-763	16799	0	16799	1793	18592	50.00
9	6752	96	319	7168	730	5222	0	339	4881	4583	-964	17077	0	17077	2077	19154	50.04
10	6482	132	311	6926	701	5113	0	578	4930	5138	-1046	17409	0	17409	2310	19719	50.01
11	6801	298	296	7396	570	5112	0	767	5094	5216	-1167	17893	0	17893	2445	20338	50.01
12	7034	348	292	7674	394	5120	0	870	4989	4893	-1175	17776	0	17776	2476	20252	49.98
13	7024	248	287	7558	253	5094	0	875	4856	4743	-1149	17374	0	17374	2431	19805	50.01
14	6736	214	285	7234	224	5034	0	826	4790	4633	-1179	16772	0	16772	2317	19089	50.01
15	6520	390	284	7194	224	4887	0	711	4802	4965	-1184	16796	0	16796	2329	19125	49.99
16	6619	324	273	7216	206	4854	0	555	5039	4808	-1198	16440	0	16440	2351	18791	49.94
17	6672	204	287	7162	179	4750	0	260	4822	4602	-1079	15874	0	15874	2352	18226	49.96
18	6773	160	293	7226	189	4687	0	61	4350	4260	-1092	15331	0	15331	2345	17676	50.00
19	6573	154	305	7032	250	4587	0	3	4357	4272	-1075	15068	0	15068	2386	17454	49.92
20	6220	144	298	6662	239	4588	0	0	4206	4064	-1017	14535	0	14535	2335	16870	49.99
21	6220	142	310	6672	208	4561	0	0	3720	3902	-1007	14336	0	14336	2187	16523	50.02
22	6208	232	302	6742	192	4586	0	0	3546	3404	-1031	13893	0	13893	2017	15910	50.05
23	6248	78	315	6642	256	4274	0	0	3460	3196	-885	13482	0	13482	1834	15316	50.03
24	6228	78	313	6620	380	3947	0	0	3143	2950	-736	13160	0	13160	1644	14804	50.00
MUs	152.47	4.34	7.28	164.09	9.42	109.75	0.00	5.92	96.40	93.69	-20.99	361.89	0.00	361.89	47.11	408.99	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 07/Jan/2019

Position as on 6.30 Hrs of 08/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	Koradi Unit-8	660	29/12/2018	23.01	07/01/2019	10.03	FOR BOILER VALIDITY EXTENSION PCR.	
MSPGCL	Koradi Unit 6	210	06/01/2019	17.45	07/01/2019	00.19	Generator electrical protection operated.	
MSPGCL	Koradi Unit 6	210	07/01/2019	00.33	07/01/2019	05.21	Drum pressure high.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Jan/2019

Statement-VII

Position as on 6.30 Hrs of 08/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
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
Jaigad-Karad Ckt-I	IntraState	04/01/2019	23.59		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	05/01/2019	17.38		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	06/01/2019	23.05	07/01/2019	08.07	HT	Over Voltage
Kharghar-Talegaon(PG)	IntraState	07/01/2019	03.34	07/01/2019	15.05	T	Over Voltage
Padghe - Kalwa- I	IntraState	07/01/2019	03.39	07/01/2019	07.55	T	Over Voltage
Main Bus A @Kharghar	IntraState	07/01/2019	08.50	07/01/2019	09.12	EO	For Isolating Stuck Up B PH CB Of Talegaon PG Line
Lonikand I - Koyna stage-IV	IntraState	08/01/2019	01.03		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.
400/220kV 315MVA ICT-I@Parly	IntraState	24/12/2018	15.40		Continued.	PO	Replacement Of B-PH Unit By Re paired One.
400/220/33 Kv 315 Mva Ict- 2 @Kharghar	IntraState	07/01/2019	08.17	07/01/2019	08.30	HT	For Shifting To Bus 1.
400/220kV 315MVA ICT-III @ Kharghar	IntraState	07/01/2019	08.45	07/01/2019	09.16	HT	For Taking Bus 2 Out.
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.
Kalwa-TIFIL	IntraState	27/11/2018	06.06		Continued.	EO	Tapping Of Tifil Substation On 220KV Kharghar-Borivali Line
Main Bus-I @ Butibori	IntraState	06/01/2019	16.45	07/01/2019	22.50	T	Y-PH insulator string flashed over.
Lamboti(solapur)-Karkamb	IntraState	08/01/2019	03.12	08/01/2019	03.35	T	Distance Protection R Phase E/F IR-2.89. Z1.

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