

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Jan/2019 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	159.096	1155.697	1) Gujrat	2.137	16.008
2) Hydro	5.541	48.505	2) Madhya Pradesh	7.306	53.532
3) Gas	7.310	55.341	3) Chattisgarh	3.260	31.840
Total MSPGCL	171.947	1259.543	4) Maharashtra Net	84.590	691.505
B) 1) APML	64.353	544.821	5) Goa (Amona)	-0.286	-1.716
2) JSWEL	22.645	181.320	Total	97.007	791.169
3) VIPL	5.048	42.766	a) Mumbai Schedule	15.667	129.304
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.042	166.674
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	13.081	96.644
6) PGPL	0.000	0.000	Include PX	-3.874	-43.734
7) Other IPP	15.381	126.929	d) Mumbai Bilateral *	15.667	129.304
C) 1) TPCL Thermal	12.612	102.991	Include PX	0.388	1.266
2) TPCL Hydro	3.800	24.757	Include Standby	0.000	0.000
3) TPCL Gas	4.422	34.656	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	4.552	38.293	1) MSEDCL	367.984	2877.046
D) STATE			2) Mumbai Discoms	47.428	367.371
1) Thermal	283.687	2192.817	TOTAL STATE	415.412	3244.417
(A1+C1+C4+(B1-B6))					
2) Hydro	9.341	73.262			
(A2+C2)					
3) Gas	11.732	89.997			
(A3+B6+C3)					
4) Wind	7.592	51.019			
6) SOLAR	6.053	46.153			
TOTAL STATE	318.405	2453.248			

* 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	7060	7064	6786	6007
MSPGCL Hydro	504	560	224	76
MSPGCL Gas	306	287	297	316
MSPGCL Total Generation	7870	7912	7308	6400
Central Sector Receipt	5202	4998	4577	2475
WIND	470	221	89	385
CPP / IPP Thermal	5091	4639	4590	3906
CPP / IPP Gas	0	0	0	0
SOLAR	804	889	1	0
Exchange with Mumbai	-1367	-1299	-1042	-410
MSEDCL DEMAND MET	18070	17359	15522	12755
Load Shedding	0	0	0	0
MSEDCL DEMAND	18070	17359	15522	12755
TPCL GENERATION	899	941	1154	688
R-INFRA GENERATION	190	190	189	190
MUMBAI DEMAND	2456	2430	2385	1288
STATE DEMAND MET	20526	19789	17907	14043
STATE DEMAND	20526	19789	17907	14043
Frequency (Hz)	50.03	49.97	50.02	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18.01 Hrs	49.79 Hz at 12.17 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 08/Jan/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.86	6.50	215	135
Unit 7	3.72	29.50	160	150
Unit 8	10.51	14.73	565	347
Unit 9	12.46	91.16	660	350
Unit 10	11.30	82.85	578	290
Total	41.86	224.74		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.45	76.87	355	350
Unit 5	8.53	76.78	365	350
Total	16.98	153.65		
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	4.89	38.87	210	198
Total	4.89	38.87		
Chandrapur				
Unit 3	4.28	33.59	193	163
Unit 4	4.17	29.67	186	160
Unit 5	9.33	74.02	410	361
Unit 6	10.12	76.17	460	368
Unit 7	9.39	74.39	422	359
Unit 8	10.57	82.30	485	370
Unit 9	10.50	83.64	485	370
Total	58.36	453.78		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	4.98	41.67	257	190
Total	4.98	41.67		
Khaparkheda				
Unit 1	3.74	28.74	160	140
Unit 2	3.65	27.77	160	145
Unit 3	3.82	29.09	170	153
Unit 4	3.74	28.29	168	150
Unit 5	9.15	77.16	400	377
Total	24.09	191.06		
Nasik				
Unit 3	3.94	18.82	165	162
Unit 4	3.99	33.10	173	161
Unit 5	0.00	0.00	0	0
Total	7.93	51.92		
Uran				
All Units	7.31	55.34	322	276
Total	7.31	55.34		
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	0.47	19	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.03	0.47		
Koyna				
Stage 1-2	1.20	14.45	130	40
Stage 4	0.00	1.57	0	0
Stage 3	0.29	3.73	80	0
Total	1.48	19.75		
Hydro				
KDPH	0.44	1.96	19	19
VTRNA	0.46	3.77	61	0
TILLARI	0.61	3.16	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.15	1.14	80	0
RNGR+BHTSA	0.20	2.28	15	0
BHANDARDRA	0.06	0.06	11	0
ELDARY	0.22	1.79	10	8
SMLHY_PTN	0.25	3.03	18	8
GHATGHAR	1.67	11.58	250	0
Total	4.06	28.76		
Wind				
Total	7.59	51.02	0	0
Total	7.59	51.02		
CPP				
APML(Mus)	64.35	544.82	0	0
JSWEL(Mus)	22.64	181.32	0	0
VIPL(Mus)	5.05	42.77	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	15.38	126.93	0	0
Total	107.43	895.84		
SOLAR				
Total	6.05	46.15	0	0
Total	6.05	46.15		
Tata				
Trombay 5	7.38	61.16	313	299
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	21.89	117	116
Trombay 7B	1.62	12.77	68	66
Trombay 8	5.23	41.83	226	203
TATA Hydro	3.80	24.76	436	4
Total	20.83	162.40		
R-INFRA				
DTPS U-1&2	4.55	38.29	190	189
Total	4.55	38.29		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	159.10	1155.70	MSPGCL Total	171.95	1259.54
			MSPGCL Thml+Gas	166.41	1211.04	Koyna 1,2 & 4 Total	1.20	16.02
			MSPGCL Hydro	5.54	48.50	State Total	318.40	2453.25

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/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	5948	76	305	6330	351	3903	0	0	2740	2739	-597	12725	0	12725	1474	14199	49.97
2	5999	100	312	6410	353	3896	0	0	2680	2670	-473	12856	0	12856	1361	14217	49.90
3	6007	76	316	6400	385	3906	0	0	2480	2475	-410	12755	0	12755	1288	14043	49.96
4	6006	80	317	6404	552	3891	0	0	2621	2410	-378	12878	0	12878	1255	14133	49.99
5	6023	76	319	6418	537	3880	0	0	3001	2861	-398	13298	0	13298	1275	14573	50.01
6	6194	80	319	6592	624	3918	0	0	3750	3846	-540	14440	0	14440	1417	15857	49.98
7	6763	74	322	7160	717	4535	0	5	4305	4063	-762	15717	0	15717	1644	17361	49.97
8	6898	84	321	7304	651	4933	0	81	4766	4875	-817	17026	0	17026	1828	18854	49.98
9	6923	136	320	7380	520	5019	0	335	4938	4992	-966	17279	0	17279	2096	19375	50.03
10	6945	278	303	7526	553	5060	0	590	4911	5263	-1187	17804	0	17804	2311	20115	49.99
11	7060	504	306	7870	470	5091	0	804	5388	5202	-1367	18070	0	18070	2456	20526	50.03
12	7017	542	292	7850	335	5012	0	897	5313	5101	-1342	17853	0	17853	2490	20343	49.96
13	7064	560	287	7912	221	4639	0	889	5080	4998	-1299	17359	0	17359	2430	19789	49.97
14	7074	562	276	7912	240	4702	0	861	4711	4786	-1276	17224	0	17224	2329	19553	50.06
15	7041	418	283	7742	173	4719	0	698	4677	4808	-1267	16872	0	16872	2345	19217	49.98
16	7052	356	283	7692	141	4724	0	549	4677	4802	-1233	16674	0	16674	2357	19031	49.97
17	7070	340	289	7698	93	4711	0	285	4556	4456	-1138	16105	0	16105	2351	18456	49.96
18	6777	284	292	7354	72	4581	0	58	4196	4200	-1007	15257	0	15257	2342	17599	50.01
19	6786	224	297	7308	89	4590	0	1	4214	4577	-1042	15522	0	15522	2385	17907	50.02
20	6750	168	308	7226	141	4582	0	0	4242	4213	-995	15166	0	15166	2331	17497	50.01
21	6637	168	310	7116	113	4549	0	0	3839	3717	-935	14559	0	14559	2196	16755	50.01
22	6401	164	302	6866	103	4490	0	0	3608	3487	-1012	13934	0	13934	2014	15948	50.00
23	6344	98	315	6756	84	4150	0	0	3189	3401	-879	13512	0	13512	1824	15336	50.01
24	6317	92	316	6724	74	3948	0	0	3286	3064	-722	13088	0	13088	1629	14717	49.98
MUs	159.10	5.54	7.31	171.95	7.59	107.43	0.00	6.05	97.17	97.01	-22.04	367.98	0.00	367.98	47.43	415.41	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 08/Jan/2019

Position as on 6.30 Hrs of 09/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 7	250	12/12/2018	00.00		Continued.	ZERO SCHEDULE.	
MSPGCL	Parli Unit 6	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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Jan/2019

Statement-VII

Position as on 6.30 Hrs of 09/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 - I	IntraState	03/01/2019	11.30		Continued.	PO	New Line Tower Erection work
Padghe - Nagothane - II	IntraState	03/01/2019	11.30		Continued.	PO	New Line Tower Erection work
Jaigad-Karad Ckt-I	IntraState	04/01/2019	23.59	08/01/2019	10.33	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	05/01/2019	17.38	08/01/2019	09.53	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	08/01/2019	01.03	08/01/2019	06.44	HT	Over Voltage
Jaigad-New Koyna Ckt-II	IntraState	08/01/2019	10.54	08/01/2019	19.20	PO	Testing & Maintenance Work.
Khadka-Aurangabad (Waluj)	IntraState	08/01/2019	19.52		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	08/01/2019	22.08		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.
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
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.
Dahanu Versova	IntraState	08/01/2019	08.03	08/01/2019	19.52	PO	Annual Maintenance Work
Hinganghat - Bhugaon	IntraState	08/01/2019	10.28	08/01/2019	14.50	PO	Annual Maintenance Work
Wpcl-Warora 2	IntraState	08/01/2019	10.33	08/01/2019	17.22	PO	Bay Maintenance Work.
Vita-Khanapur(Mahuli Tap)	IntraState	08/01/2019	11.58	08/01/2019	22.30	PO	Isolator Maintenance Work.
220 KV ICT Outages/Trippings							
220/132 Kv 200mva Kanohar Ict 3 @Bale (Solapur 2)	IntraState	08/01/2019	12.15	08/01/2019	12.56	EO	Attending Oil Leakage At OLTC Divert-er Switch
132 KV LINE Outages/Trippings							
Amalner(220kv)-Chopda	IntraState	08/01/2019	02.06	08/01/2019	02.31	T	Distance Protection Operated Zone-1.

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