

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Dec/2018 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	139.734	1256.360	1) Gujrat	1.745	8.081
2) Hydro	3.646	45.041	2) Madhya Pradesh	8.719	83.470
3) Gas	6.350	60.720	3) Chattisgarh	6.340	55.570
Total MSPGCL	149.730	1362.121	4) Maharashtra Net	92.775	879.492
B) 1) APML	67.864	628.951	5) Goa (Amona)	-0.176	-2.332
2) JSWEL	17.523	158.147	Total	109.403	1024.281
3) VIPL	7.699	83.124	a) Mumbai Schedule	15.837	170.800
4) RPL(AMT)	14.745	112.372	b) Mumbai Drawl	19.454	211.380
5) WPCL	1.938	17.630	c) MSEDCL Bilateral *	23.088	203.328
6) PGPL	0.000	0.000	Include PX	-2.881	-33.240
7) Other IPP	14.939	133.739	d) Mumbai Bilateral *	15.837	170.800
C) 1) TPCL Thermal	12.213	117.744	Include PX	1.409	18.228
2) TPCL Hydro	0.466	25.592	Include Standby	0.000	0.000
3) TPCL Gas	3.927	39.067	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.153	88.496	1) MSEDCL	375.315	3407.098
D) STATE			2) Mumbai Discoms	45.213	482.275
1) Thermal	285.808	2596.563	TOTAL STATE	420.528	3889.373
(A1+C1+C4+(B1-B6))					
2) Hydro	4.112	70.633			
(A2+C2)					
3) Gas	10.277	99.787			
(A3+B6+C3)					
4) Wind	5.877	55.638			
6) SOLAR	5.051	42.475			
TOTAL STATE	311.125	2865.096			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	6368	6363	5573	5399
MSPGCL Hydro	326	272	296	96
MSPGCL Gas	130	139	304	313
MSPGCL Total Generation	6824	6774	6172	5808
Central Sector Receipt	5682	5498	4775	2811
WIND	203	222	341	401
CPP / IPP Thermal	5703	5742	4858	4568
CPP / IPP Gas	0	0	0	0
SOLAR	802	766	0	0
Exchange with Mumbai	-910	-993	-991	-795
MSEDCL DEMAND MET	18304	18010	15156	12794
Load Shedding	0	0	0	0
MSEDCL DEMAND	18304	18010	15156	12794
TPCL GENERATION	696	693	749	692
R-INFRA GENERATION	480	376	374	373
MUMBAI DEMAND	2086	2062	2114	1860
STATE DEMAND MET	20390	20072	17270	14654
STATE DEMAND	20390	20072	17270	14654
Frequency (Hz)	49.95	49.94	49.99	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 17.02 Hrs	49.76 Hz at 07.33 Hrs	49.97	% 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 09/Dec/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	6.65	0	0
Unit 7	0.00	0.00	0	0
Unit 8	7.54	72.20	351	290
Unit 9	7.94	33.22	359	300
Unit 10	7.88	69.50	354	300
Total	23.36	181.57		
Bhusawal				
Unit 3	0.00	3.86	0	0
Unit 4	9.65	88.91	500	350
Unit 5	9.60	88.50	500	350
Total	19.25	181.27		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	9.98	0	0
Unit 7	5.00	27.44	248	191
Unit 8	4.81	44.84	218	187
Total	9.81	82.26		
Chandrapur				
Unit 3	4.15	38.16	187	162
Unit 4	3.75	37.73	185	65
Unit 5	9.02	84.17	400	340
Unit 6	9.74	84.69	450	360
Unit 7	9.27	83.96	420	360
Unit 8	9.70	89.31	450	360
Unit 9	9.89	89.25	470	360
Total	55.51	507.27		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.30	48.07	250	200
Total	5.30	48.07		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	4.07	35.23	185	160
Unit 3	3.99	34.69	180	156
Unit 4	4.11	30.91	198	160
Unit 5	9.72	85.40	460	380
Total	21.89	186.22		
Nasik				
Unit 3	4.63	37.96	196	187
Unit 4	0.00	31.75	0	0
Unit 5	0.00	0.00	0	0
Total	4.63	69.70		
Uran				
All Units	6.35	60.72	314	128
Total	6.35	60.72		
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)	0.12	0.84	43	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.12	0.84		
Koyna				
Stage 1-2	1.15	13.64	75	40
Stage 4	0.00	5.64	0	0
Stage 3	0.48	4.36	80	0
Total	1.63	23.64		
Hydro				
KDPH	0.44	3.98	19	19
VTRNA	0.00	0.95	0	0
TILLARI	0.00	2.27	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	1.22	88	0
RNGR+BHTSA	0.38	3.22	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.45	2.87	28	16
GHATGHAR	0.58	6.88	125	0
Total	2.01	21.40		
Wind				
Total	5.88	55.64	0	0
Total	5.88	55.64		
CPP				
APML(Mus)	67.86	628.95	0	0
JSWEL(Mus)	17.52	158.15	0	0
VIPL(Mus)	7.70	83.12	0	0
RPLAMT(Mus)	14.74	112.37	0	0
WPCL(Mus)	1.94	17.63	0	0
Other(Mus)	14.94	133.74	0	0
Total	124.71	1133.96		
SOLAR				
Total	5.05	42.48	0	0
Total	5.05	42.48		
Tata				
Trombay 5	7.32	73.06	307	303
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.43	24.73	118	64
Trombay 7B	1.49	14.34	68	49
Trombay 8	4.89	44.68	205	202
TATA Hydro	0.47	25.59	126	0
Total	16.61	182.40		
R-INFRA				
DTPS U-1&2	9.15	88.50	480	373
Total	9.15	88.50		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	139.73	1256.36	MSPGCL Total	149.73	1362.12
			MSPGCL Thml+Gas	146.08	1317.08	Koyna 1,2 & 4 Total	1.15	19.28
			MSPGCL Hydro	3.65	45.04	State Total	311.12	2865.10

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/Dec/2018

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	5434	92	307	5832	169	4643	0	0	3643	3856	-790	13710	0	13710	1858	15568	49.96
2	5403	92	310	5804	121	4886	0	0	4038	3819	-673	13958	0	13958	1732	15690	49.99
3	5401	92	310	5802	136	5009	0	0	4342	4158	-603	14502	0	14502	1631	16134	49.97
4	5419	102	312	5832	137	5016	0	0	4348	4066	-582	14470	0	14470	1580	16050	49.98
5	5574	112	311	5996	139	5059	0	0	4512	4399	-563	15030	0	15030	1558	16588	49.96
6	5744	96	312	6152	138	5175	0	0	4869	4943	-625	15784	0	15784	1623	17406	49.96
7	6295	92	314	6700	129	5605	0	5	5271	4614	-656	16398	0	16398	1655	18052	49.97
8	6179	112	313	6604	127	5648	0	73	5341	5236	-708	16980	0	16980	1703	18684	49.88
9	6259	220	309	6788	135	5632	0	301	5137	5181	-804	17232	0	17232	1811	19044	49.91
10	6362	280	250	6892	173	5662	0	518	5155	5295	-903	17636	0	17636	1933	19570	49.95
11	6370	326	142	6838	165	5685	0	689	5555	5786	-899	18264	0	18264	2040	20304	49.99
12	6368	326	130	6824	203	5703	0	802	5977	5682	-910	18304	0	18304	2086	20390	49.95
13	6363	272	139	6774	222	5742	0	766	5506	5498	-993	18010	0	18010	2062	20072	49.94
14	6336	126	128	6590	236	5647	0	735	5286	5117	-921	17404	0	17404	1990	19394	50.00
15	6245	90	163	6498	286	5532	0	582	5375	5191	-878	17212	0	17212	1945	19156	49.99
16	5960	100	199	6260	281	5560	0	402	5156	4984	-861	16626	0	16626	1927	18552	49.93
17	5591	96	273	5960	327	5333	0	160	5042	4644	-845	15578	0	15578	1914	17492	50.00
18	5566	132	291	5988	276	4960	0	18	4742	4773	-866	15150	0	15150	1949	17098	49.99
19	5573	296	304	6172	341	4858	0	0	4643	4775	-991	15156	0	15156	2114	17270	49.99
20	5582	222	305	6108	403	4872	0	0	4580	4402	-947	14838	0	14838	2131	16970	49.97
21	5454	96	296	5846	460	4689	0	0	3945	3829	-909	13914	0	13914	2103	16018	49.97
22	5422	90	309	5822	436	4619	0	0	3303	3378	-882	13372	0	13372	2048	15420	49.98
23	5435	90	310	5836	436	4605	0	0	2901	2966	-850	12992	0	12992	1960	14952	49.96
24	5399	96	313	5808	401	4568	0	0	2673	2811	-795	12794	0	12794	1860	14654	50.02
MUs	139.73	3.65	6.35	149.73	5.88	124.71	0.00	5.05	111.34	109.40	-19.45	375.32	0.00	375.32	45.21	420.53	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 09/Dec/2018

Position as on 6.30 Hrs of 10/Dec/2018

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)	
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.	
MSPGCL	Koradi Unit 7	210	03/08/2018	15.54		Continued.	Poor Coal Receipt.	
MSPGCL	Khaparkheda Unit 1	210	11/08/2018	23.57		Continued.	Poor coal Receipt	
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.	Poor Coal Receipt	
IPP	RPL(AMT) U-5	270	21/09/2018	00.05		Continued.	Poor Coal Receipt	
MSPGCL	Koyna Unit 4	70	03/11/2018	09.02		Continued.	Stator Earth Fault	
MSPGCL	Koyna 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	Bhusawal Unit 3	210	02/12/2018	00.03		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 6	210	02/12/2018	22.01		Continued.	Turbine bearing Vibration high	
MSPGCL	Parli Unit 6	250	03/12/2018	00.52		Continued.	Poor Coal Receipt.	
IPP	JSW (J) U4	300	07/12/2018	01.15		Continued.	No Schedule.	
MSPGCL	Nasik Unit 4	210	08/12/2018	16.40	10/12/2018	06.04	ID Fan B vibration problem.	
MSPGCL	Uran Unit 6	108	09/12/2018	09.41	09/12/2018	14.09	Pre Filter Replacement Work.	
IPP	VIPL U-2	300	09/12/2018	09.54	09/12/2018	15.09	Flame Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Dec/2018

Statement-VII

Position as on 6.30 Hrs of 10/Dec/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	30/11/2018	07.39	09/12/2018	20.44	PO	Annual Maintenance Work
Chandrapur - Padghe Hvdc Pole 1	IntraState	07/12/2018	08.03	09/12/2018	20.45	PO	Bipole All Maintenance Activities.
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	06/12/2018	18.04		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	08/12/2018	17.08	09/12/2018	07.38	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	08/12/2018	22.08	09/12/2018	09.20	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	09/12/2018	17.09		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	09/12/2018	20.41		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	09/12/2018	21.45		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	Differential protection Bucholz, REF, PRV, CTR Relay R PH unit faulty.
400/220 Kv 315 Mva Ict -2 @New Koyna	IntraState	08/12/2018	08.09		Continued.	PO	Oil Filtration 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.
Kalwa-TIFIL	IntraState	27/11/2018	06.06		Continued.	EO	Tapping Of Tifil Substation On 220KV Kharghar-Borivali Line
Kalwa - Siemens	IntraState	27/11/2018	13.13		Continued.	HT	To Shift Load On Kharghar ICT
Nanded - Parli Ext. Ckt I	IntraState	28/11/2018	05.21		Continued.	HT	TO CONTROL NANDED-NANDED CKT LOADING.
Padgha - Temghar I	IntraState	03/12/2018	08.15		Continued.	OO	To control load on Padgha ICTs.
Padgha-Temghar-II	IntraState	03/12/2018	08.15		Continued.	OO	To control load on Padgha ICTs.
Nashik-Airoli Knowledge Park	IntraState	09/12/2018	00.25	09/12/2018	04.42	HT	Load management.
Goregaon Aarey Line 2	IntraState	09/12/2018	11.03	09/12/2018	15.39	PO	Erection Of Mono Pole At 26 Location.
Urse-Chinchwad	IntraState	09/12/2018	23.52	10/12/2018	00.03	T	Distance Protection
Nashik-Airoli Knowledge Park	IntraState	09/12/2018	23.56	10/12/2018	04.41	HT	Load Management.

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