

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/Dec/2018 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	122.943	2594.221	1) Gujrat	2.034	26.710
2) Hydro	5.857	94.126	2) Madhya Pradesh	9.492	173.886
3) Gas	7.294	133.631	3) Chattisgarh	5.930	113.960
Total MSPGCL	136.094	2821.978	4) Maharashtra Net	89.478	1724.842
B) 1) APML	68.683	1300.739	5) Goa (Amona)	-0.418	-6.138
2) JSWEL	18.344	338.742	Total	106.516	2033.260
3) VIPL	9.977	170.754	a) Mumbai Schedule	17.931	345.004
4) RPL(AMT)	4.941	206.299	b) Mumbai Drawl	23.913	422.020
5) WPCL	0.000	27.408	c) MSEDCL Bilateral *	17.861	378.031
6) PGPL	0.000	0.000	Include PX	0.675	-102.775
7) Other IPP	14.710	288.336	d) Mumbai Bilateral *	17.931	343.179
C) 1) TPCL Thermal	12.268	242.657	Include PX	2.839	31.170
2) TPCL Hydro	4.130	66.959	Include Standby	0.000	1.825
3) TPCL Gas	4.006	80.833	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	4.661	170.394	1) MSEDCL	358.660	7053.067
D) STATE			2) Mumbai Discoms	48.978	982.853
1) Thermal	256.527	5339.550	TOTAL STATE	407.638	8035.920
(A1+C1+C4+(B1-B6))					
2) Hydro	9.987	161.085			
(A2+C2)					
3) Gas	11.300	214.464			
(A3+B6+C3)					
4) Wind	17.282	192.537			
6) SOLAR	6.026	95.034			
TOTAL STATE	301.122	6002.670			

* 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 15 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 1 Hrs
MSPGCL Thermal	5492	5345	5641	4574
MSPGCL Hydro	360	466	258	94
MSPGCL Gas	297	287	305	314
MSPGCL Total Generation	6148	6098	6204	4982
Central Sector Receipt	5341	5294	4855	2899
WIND	1215	483	485	873
CPP / IPP Thermal	5325	5113	5237	4220
CPP / IPP Gas	0	0	0	0
SOLAR	789	769	0	0
Exchange with Mumbai	-1411	-1225	-1195	-722
MSEDCL DEMAND MET	17407	16532	15586	12253
Load Shedding	0	0	0	0
MSEDCL DEMAND	17407	16532	15586	12253
TPCL GENERATION	902	988	1032	681
R-INFRA GENERATION	195	194	195	194
MUMBAI DEMAND	2508	2407	2422	1597
STATE DEMAND MET	19915	18939	18008	13850
STATE DEMAND	19915	18939	18008	13850
Frequency (Hz)	49.94	50.03	49.92	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 15.03 Hrs	49.7 Hz at 21.09 Hrs	49.95	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 19/Dec/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.62	13.34	190	129
Unit 7	0.00	13.99	0	0
Unit 8	5.48	138.83	270	130
Unit 9	3.37	99.88	250	0
Unit 10	5.44	134.94	280	155
Total	17.90	400.98		
Bhusawal				
Unit 3	0.00	10.78	0	0
Unit 4	0.00	143.05	0	0
Unit 5	9.62	181.96	500	350
Total	9.62	335.80		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	11.08	0	0
Unit 7	0.00	37.54	0	0
Unit 8	4.64	92.98	205	180
Total	4.64	141.60		
Chandrapur				
Unit 3	4.29	80.42	190	164
Unit 4	4.27	79.71	186	161
Unit 5	8.74	175.38	405	290
Unit 6	9.96	182.42	450	355
Unit 7	9.04	170.44	410	355
Unit 8	10.22	189.30	470	360
Unit 9	9.93	189.58	465	365
Total	56.45	1067.25		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.22	100.16	255	195
Total	5.22	100.16		
Khaparkheda				
Unit 1	3.26	5.16	175	110
Unit 2	4.04	75.07	190	155
Unit 3	4.01	75.00	195	150
Unit 4	3.99	72.05	185	160
Unit 5	5.80	177.96	295	215
Total	21.10	405.24		
Nasik				
Unit 3	3.99	72.18	192	161
Unit 4	4.02	71.02	204	161
Unit 5	0.00	0.00	0	0
Total	8.01	143.19		
Uran				
All Units	7.29	133.63	320	279
Total	7.29	133.63		
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)	0.11	1.43	40	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.11	1.43		
Koyna				
Stage 1-2	1.80	27.83	230	40
Stage 4	0.00	6.09	0	0
Stage 3	0.34	7.69	80	0
Total	2.14	41.61		
Hydro				
KDPH	0.44	9.31	19	19
VTRNA	0.44	5.18	60	0
TILLARI	0.42	4.13	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.23	3.17	80	0
RNGR+BHTSA	0.31	6.35	14	13
BHANDARDRA	0.00	0.01	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.61	8.30	34	23
GHATGHAR	1.25	16.06	185	0
Total	3.72	52.51		
Wind				
Total	17.28	192.54	0	0
Total	17.28	192.54		
CPP				
APML(Mus)	68.68	1300.74	0	0
JSWEL(Mus)	18.34	338.74	0	0
VIPL(Mus)	9.98	170.75	0	0
RPLAMT(Mus)	4.94	206.30	0	0
WPCL(Mus)	0.00	27.41	0	0
Other(Mus)	14.71	288.34	0	0
Total	116.66	2332.28		
SOLAR				
Total	6.03	95.03	0	0
Total	6.03	95.03		
Tata				
Trombay 5	7.37	148.31	309	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.49	50.91	118	64
Trombay 7B	1.52	29.92	68	50
Trombay 8	4.90	94.34	222	202
TATA Hydro	4.13	66.96	425	0
Total	20.40	390.45		
R-INFRA				
DTPS U-1&2	4.66	170.39	196	193
Total	4.66	170.39		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	122.94	2594.22	MSPGCL Total	136.09	2821.98
			MSPGCL Thml+Gas	130.24	2727.85	Koyna 1,2 & 4 Total	1.80	33.92
			MSPGCL Hydro	5.86	94.13	State Total	301.12	6002.67

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/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	4574	94	314	4982	873	4220	0	0	2808	2899	-722	12253	0	12253	1597	13850	49.97
2	4598	110	316	5024	900	4197	0	0	2787	3132	-633	12620	0	12620	1468	14088	49.93
3	4657	144	317	5118	877	4232	0	0	3226	3479	-579	13128	0	13128	1397	14525	49.96
4	4655	140	319	5114	794	4222	0	0	3916	3394	-539	12985	0	12985	1355	14340	50.00
5	4690	110	319	5118	737	4233	0	0	3961	3976	-539	13526	0	13526	1358	14884	49.99
6	4871	94	320	5286	741	4323	0	0	4660	4688	-664	14374	0	14374	1481	15855	49.95
7	5195	158	318	5672	801	4829	0	6	5178	4713	-845	15175	0	15175	1680	16855	49.87
8	5357	300	309	5966	815	5305	0	79	5444	5196	-958	16403	0	16403	1859	18262	49.85
9	5541	300	317	6158	866	5445	0	301	5229	5019	-1072	16716	0	16716	2114	18830	49.92
10	5506	404	310	6220	1056	5358	0	606	5095	5077	-1260	17056	0	17056	2344	19400	49.91
11	5492	360	297	6148	1215	5325	0	789	5501	5341	-1411	17407	0	17407	2508	19915	49.94
12	5329	236	294	5858	1052	5222	0	861	5456	5368	-1364	16998	0	16998	2569	19567	49.96
13	5244	324	290	5858	732	5089	0	935	5131	5092	-1262	16445	0	16445	2494	18939	49.91
14	5288	380	279	5946	552	5022	0	835	5080	5198	-1189	16365	0	16365	2387	18752	50.00
15	5345	466	287	6098	483	5113	0	769	5119	5294	-1225	16532	0	16532	2407	18939	50.03
16	5281	438	287	6006	426	5162	0	539	5037	5235	-1258	16111	0	16111	2460	18571	49.97
17	5299	392	279	5970	374	5176	0	269	4880	4977	-1159	15608	0	15608	2409	18017	49.95
18	5483	326	292	6102	409	5214	0	37	4760	4720	-1156	15326	0	15326	2391	17717	49.92
19	5641	258	305	6204	485	5237	0	0	4798	4855	-1195	15586	0	15586	2422	18008	49.92
20	5382	106	297	5784	446	5176	0	0	4722	4687	-1018	15075	0	15075	2335	17410	49.93
21	4934	286	299	5518	532	4722	0	0	4288	4647	-1096	14324	0	14324	2245	16569	49.97
22	4945	230	310	5486	562	4643	0	0	3828	3776	-1017	13449	0	13449	2077	15526	49.97
23	4851	100	313	5264	735	4637	0	0	3375	3030	-943	12723	0	12723	1904	14627	49.99
24	4785	102	306	5192	819	4551	0	0	2979	2724	-809	12478	0	12478	1717	14195	50.03
MUs	122.94	5.86	7.29	136.09	17.28	116.66	0.00	6.03	107.26	106.52	-23.91	358.66	0.00	358.66	48.98	407.64	49.95

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 19/Dec/2018

Position as on 6.30 Hrs of 20/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 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.	Poor Coal Receipt	
IPP	RPL(AMT) U-5	270	21/09/2018	00.05		Continued.	Poor Coal Receipt	
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.	
IPP	JSW (J) U4	300	07/12/2018	01.15		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	Bhusawal Unit 4	500	15/12/2018	21.35		Continued.	Boiler Tube Leakage	
RINFRA-G	REL Unit 2	250	17/12/2018	18.28		Continued.	Problem In Primary Air System.	
MSPGCL	Koradi Unit 7	210	18/12/2018	08:24		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 9	660	19/12/2018	21.05		Continued.	Due to PCR,CHP & CW Line blockage work	
MSPGCL	Koradi Unit 6	210	20/12/2018	04.04		Continued.	Loss of fuel	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Dec/2018

Statement-VII

Position as on 6.30 Hrs of 20/Dec/2018

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	17/12/2018	17.35		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	16/12/2018	17.15		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	17/12/2018	11.17		Continued.	PO	Tan Delta Testing & CB Problem.
N.Koyna-Karad -Ckt I	IntraState	18/12/2018	17.45	19/12/2018	10.34	PO	Charged on TBC at New koyna end
Bhusawal-Aurangabad	IntraState	18/12/2018	18.00	19/12/2018	07.56	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	18/12/2018	21.50	19/12/2018	06.32	HT	Over Voltage
Girwali - Lonikand 1	IntraState	19/12/2018	06.25	19/12/2018	10.50	T	TRIPPED ON Y-PHASE SOTF, Zone 2, 240.7Km.
Girwali- Lonikand 2	IntraState	19/12/2018	06.25	19/12/2018	11.49	T	TRIPPED ON R-PHASE SOTF, R-PHASE SOTF. Zone 2, 267.2Km.
Karad - Talandge Ckt 2	IntraState	19/12/2018	11.56		Continued.	EO	Attending Hot Spot At Karad End And Replacement Of Line Insulator String. (RFC/18.20)
Koradi-Khaperkheda I	IntraState	19/12/2018	12.18	19/12/2018	15.18	PO	DGA OF CT at Khaperkheda end
Khadka-Aurangabad (Waluj)	IntraState	19/12/2018	17.56	20/12/2018	06.32	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	19/12/2018	21.12		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 315MVA ICT II @ Parli	IntraState	19/12/2018	12.18	19/12/2018	13.20	T	Tripped HV side only on Loss of air pressure in HV CB But Pressure was normal.Testing clearance received for charging
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-II	IntraState	03/12/2018	08.15		Continued.	EO	To control load on Padgha ICTs.
Padgha - Temghar I	IntraState	03/12/2018	08.15		Continued.	EO	To control load on Padgha ICTs.
JATH SHEDYAL	IntraState	15/12/2018	22.25		Continued.	HT	Over Voltage
Ongc Uran - Jnpt	IntraState	18/12/2018	07.15		Continued.	PO	DESTRINGING OF EXISTING CONDUCTOR, NEW CONDUCTOR STRINGING AT LOC NO. 21-26
Taloja li - OCIL-II	IntraState	18/12/2018	12.43		Continued.	PO	REPLACEMENT OF METERING CTs & PTs AT OCIL END.
Kharepatan -Pawas Line	IntraState	19/12/2018	08.50	19/12/2018	17.52	PO	Cold washing insulator

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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Dec/2018

Statement-VII

Position as on 6.30 Hrs of 20/Dec/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Lamboti - Pandharpur li	IntraState	19/12/2018	11.07	19/12/2018	12.25	PO	Diagnostic testing work
Paranda-Barshi	IntraState	19/12/2018	11.55	19/12/2018	13.35	PO	Routine Maintenance And Testing Work
PANDHARPUR BHALVANI	IntraState	19/12/2018	14.10	19/12/2018	15.00	PO	Diagnostic testing work
220 KV ICT Outages/Trippings							
220/100 Kv 200 Mva Aval Ict 2 @Taloja	IntraState	19/12/2018	10.55	19/12/2018	17.44	PO	Diagnostic testing and maintenance work