

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Dec/2018 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.871	2341.701	1) Gujrat	1.382	23.168
2) Hydro	5.701	81.856	2) Madhya Pradesh	9.289	155.185
3) Gas	7.288	119.058	3) Chattisgarh	6.580	102.100
Total MSPGCL	139.860	2542.615	4) Maharashtra Net	89.004	1547.282
B) 1) APML	68.538	1162.731	5) Goa (Amona)	-0.528	-5.192
2) JSWEL	17.965	301.973	Total	105.727	1822.543
3) VIPL	8.552	151.525	a) Mumbai Schedule	18.629	309.124
4) RPL(AMT)	5.306	196.173	b) Mumbai Drawl	19.305	375.148
5) WPCL	0.000	27.408	c) MSEDCL Bilateral *	14.142	343.603
6) PGPL	0.000	0.000	Include PX	-9.398	-95.470
7) Other IPP	15.904	258.256	d) Mumbai Bilateral *	18.046	308.541
C) 1) TPCL Thermal	13.138	217.090	Include PX	1.960	27.574
2) TPCL Hydro	4.601	58.104	Include Standby	0.583	0.583
3) TPCL Gas	4.088	72.769	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	8.691	160.690	1) MSEDCL	358.131	6332.030
D) STATE			2) Mumbai Discoms	49.820	883.791
1) Thermal	264.965	4817.547	TOTAL STATE	407.951	7215.821
(A1+C1+C4+(B1-B6))					
2) Hydro	10.302	139.960			
(A2+C2)					
3) Gas	11.376	191.827			
(A3+B6+C3)					
4) Wind	10.419	160.646			
6) SOLAR	5.165	83.308			
TOTAL STATE	302.227	5393.288			

* 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 1 Hrs
MSPGCL Thermal	5415	5409	5774	4913
MSPGCL Hydro	424	462	96	96
MSPGCL Gas	293	289	296	312
MSPGCL Total Generation	6132	6160	6166	5322
Central Sector Receipt	6232	5585	4652	2240
WIND	279	321	201	737
CPP / IPP Thermal	5249	5208	5252	4222
CPP / IPP Gas	0	0	0	0
SOLAR	731	796	0	0
Exchange with Mumbai	-992	-893	-1073	-552
MSEDCL DEMAND MET	17630	17177	15199	11969
Load Shedding	0	0	0	0
MSEDCL DEMAND	17630	17177	15199	11969
TPCL GENERATION	1133	1193	1136	687
R-INFRA GENERATION	501	501	261	374
MUMBAI DEMAND	2626	2587	2470	1613
STATE DEMAND MET	20256	19764	17669	13582
STATE DEMAND	20256	19764	17669	13582
Frequency (Hz)	49.98	49.95	49.97	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 00.01 Hrs	49.79 Hz at 07.21 Hrs	49.97	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 17/Dec/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.05	6.70	32	0
Unit 7	3.25	12.94	155	100
Unit 8	5.18	127.80	302	117
Unit 9	5.01	91.12	284	108
Unit 10	4.18	124.06	278	100
Total	17.68	362.61		
Bhusawal				
Unit 3	0.00	10.78	0	0
Unit 4	0.00	143.05	0	0
Unit 5	10.22	162.78	500	345
Total	10.22	316.62		
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	5.03	83.36	238	194
Total	5.03	131.97		
Chandrapur				
Unit 3	4.09	71.83	182	159
Unit 4	4.21	71.27	185	165
Unit 5	9.34	157.31	410	361
Unit 6	10.02	162.50	455	360
Unit 7	9.24	152.02	408	353
Unit 8	10.17	168.79	470	360
Unit 9	10.21	169.27	470	362
Total	57.28	953.00		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.43	89.70	253	195
Total	5.43	89.70		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	4.16	67.07	195	160
Unit 3	4.28	66.84	210	160
Unit 4	4.40	63.89	210	160
Unit 5	9.99	163.05	455	377
Total	22.84	360.85		
Nasik				
Unit 3	4.18	64.08	195	160
Unit 4	4.22	62.88	198	159
Unit 5	0.00	0.00	0	0
Total	8.39	126.96		
Uran				
All Units	7.29	119.06	316	286
Total	7.29	119.06		
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)	0.04	1.21	24	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	1.21		
Koyna				
Stage 1-2	1.97	24.09	215	40
Stage 4	0.00	5.72	0	0
Stage 3	0.53	6.81	154	0
Total	2.50	36.62		
Hydro				
KDPH	0.44	8.43	19	19
VTRNA	0.46	4.16	60	0
TILLARI	0.00	3.29	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.09	2.79	70	0
RNGR+BHTSA	0.31	5.73	13	13
BHANDARDRA	0.00	0.01	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.53	7.12	31	20
GHATGHAR	1.36	13.71	250	0
Total	3.20	45.23		
Wind				
Total	10.42	160.65	0	0
Total	10.42	160.65		
CPP				
APML(Mus)	68.54	1162.73	0	0
JSWEL(Mus)	17.96	301.97	0	0
VIPL(Mus)	8.55	151.52	0	0
RPLAMT(Mus)	5.31	196.17	0	0
WPCL(Mus)	0.00	27.41	0	0
Other(Mus)	15.90	258.26	0	0
Total	116.26	2098.07		
SOLAR				
Total	5.16	83.31	0	0
Total	5.16	83.31		
Tata				
Trombay 5	8.11	132.66	464	304
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.55	45.89	118	66
Trombay 7B	1.54	26.88	68	51
Trombay 8	5.03	84.43	238	202
TATA Hydro	4.60	58.10	421	0
Total	21.83	347.96		
R-INFRA				
DTPS U-1&2	8.69	160.69	501	193
Total	8.69	160.69		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	126.87	2341.70	MSPGCL Total	139.86	2542.62
			MSPGCL Thml+Gas	134.16	2460.76	Koyna 1,2 & 4 Total	1.97	29.82
			MSPGCL Hydro	5.70	81.86	State Total	302.23	5393.29

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/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	4913	96	312	5322	737	4222	0	0	2470	2240	-552	11969	0	11969	1613	13582	50.04
2	4917	92	313	5322	799	4168	0	0	2298	2467	-471	12285	0	12285	1514	13799	49.99
3	4934	102	314	5350	716	4221	0	0	2700	2883	-450	12719	0	12719	1461	14180	49.97
4	4811	92	304	5206	676	4217	0	0	3180	3263	-425	12937	0	12937	1425	14362	50.01
5	4778	92	314	5184	664	4217	0	0	3401	3905	-423	13546	0	13546	1421	14967	50.00
6	4884	162	314	5360	684	4258	0	0	4080	4580	-502	14380	0	14380	1500	15880	49.98
7	5307	102	315	5724	658	4802	0	6	4839	5213	-604	15798	0	15798	1624	17422	49.97
8	5635	270	316	6220	532	5389	0	73	4980	5233	-641	16807	0	16807	1832	18639	49.90
9	5475	532	314	6320	405	5419	0	279	5116	5093	-710	16807	0	16807	2216	19023	49.92
10	5424	592	299	6314	426	5485	0	538	5265	5422	-795	17390	0	17390	2440	19830	49.90
11	5454	634	305	6394	361	5388	0	665	5582	5724	-914	17617	0	17617	2550	20167	49.93
12	5415	424	293	6132	279	5249	0	731	5902	6232	-992	17630	0	17630	2626	20256	49.98
13	5409	462	289	6160	321	5208	0	796	5491	5585	-893	17177	0	17177	2587	19764	49.95
14	5419	416	288	6124	282	5227	0	782	5381	5277	-1026	16666	0	16666	2494	19160	49.98
15	5453	310	286	6048	244	5203	0	622	5403	5491	-973	16636	0	16636	2413	19049	49.94
16	5458	276	287	6020	218	5140	0	469	5072	5215	-989	16074	0	16074	2439	18513	49.91
17	5633	166	290	6090	149	5178	0	181	4813	4771	-976	15392	0	15392	2428	17820	49.97
18	5766	96	295	6158	212	5209	0	23	4531	4602	-942	15262	0	15262	2417	17679	49.98
19	5774	96	296	6166	201	5252	0	0	4498	4652	-1073	15199	0	15199	2470	17669	49.97
20	5560	92	307	5958	269	5076	0	0	4651	4346	-1112	14538	0	14538	2389	16927	49.97
21	5114	122	299	5534	268	4639	0	0	4167	4172	-1028	13586	0	13586	2238	15824	49.96
22	5104	252	312	5668	329	4507	0	0	3438	3721	-1076	13149	0	13149	2082	15231	50.01
23	5133	92	313	5538	458	4369	0	0	3255	3012	-952	12425	0	12425	1907	14332	49.98
24	5101	136	313	5550	531	4221	0	0	2476	2628	-786	12145	0	12145	1737	13882	49.97
MUs	126.87	5.70	7.29	139.86	10.42	116.26	0.00	5.17	102.99	105.73	-19.31	358.13	0.00	358.13	49.82	407.95	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 17/Dec/2018

Position as on 6.30 Hrs of 18/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.	
MSPGCL	Khaparkheda Unit 1	210	11/08/2018	23.57	18/12/2018	03.33	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	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	Koradi Unit 6	210	02/12/2018	22.01	17/12/2018	22.06	Turbine bearing Vibration high	
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.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 17/Dec/2018

Statement-VII

Position as on 6.30 Hrs of 18/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 II	InterState	06/12/2018	18.04	17/12/2018	07.25	HT	Over Voltage
Padgha Tarapur I	InterState	17/12/2018	03.05	17/12/2018	09.23	T	Over Voltage.
Kolhapur(M)-Kolhapur(GIS) ckt1	InterState	17/12/2018	11.23	17/12/2018	11.37	HT	For Shifting from Bus 1 To Bus 2.
Dhule Sar'Sarovar I	InterState	17/12/2018	17.35		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	12/12/2018	17.13	17/12/2018	07.09	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	16/12/2018	17.15		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	16/12/2018	17.29		Continued.	HT	Over Voltage
Deepnagar Taptitanda	IntraState	17/12/2018	07.22	17/12/2018	18.13	PO	Replacement Of Dead End & Mid Span Joint.
N.Koyna-Karad - Ckt I	IntraState	17/12/2018	07.40	17/12/2018	17.54	PO	Cold Line Cleaning Of Insulators.
Padghe - Nagothane - II	IntraState	17/12/2018	11.17		Continued.	PO	Tan Delta Testing & CB Problem.
Khadka-Aurangabad (Waluj)	IntraState	17/12/2018	18.17		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	17/12/2018	21.35		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.
167 Mva Spare Ict @Lamboti	IntraState	17/12/2018	11.53	17/12/2018	15.45	PO	For Reactor outage.
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.
Boisar Tarapur	InterState	17/12/2018	10.05	17/12/2018	16.00	PO	Construction work.
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.
Uran - Jnpt	IntraState	14/12/2018	07.57		Continued.	PO	Conductor Replacement.
JATH SHEDYAL	IntraState	15/12/2018	22.25		Continued.	HT	Over Voltage
Niwali - Pawas Line	IntraState	17/12/2018	09.42	17/12/2018	18.32	PO	Bus Outage At Niwali.
BHUGAON WARORA CKT-I	IntraState	17/12/2018	09.54	17/12/2018	16.10	PO	Measurement of CB Timing & CRM Measurement of Tan Delta Of CTs.
Parly-Parly Extn-I	IntraState	17/12/2018	11.12	17/12/2018	14.53	PO	Tan Delta Measurement of CTs Routine Maintenance Work.
Nagothane-Wadkhal-I	IntraState	17/12/2018	11.40	17/12/2018	13.52	EO	Attending Hot Spot
Nagothane-Wadkhal II	IntraState	17/12/2018	13.54	17/12/2018	15.19	EO	Attending Hot Spot

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 17/Dec/2018

Statement-VII

Position as on 6.30 Hrs of 18/Dec/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Parly-Parly Extn.-II	IntraState	17/12/2018	15.34	17/12/2018	17.44	PO	Tan Delta Measurement of CTs Routine Maintenance Work.
Theur-Jejuri	IntraState	17/12/2018	23.32		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
100 MVA ICT I at Kandalgaon	IntraState	17/12/2018	10.36	17/12/2018	17.55	PO	LV CB Overhauling.
220/100 Kv 100 Mva Cgl Ict 1 @Taloja	IntraState	17/12/2018	11.05	17/12/2018	18.17	PO	Painting Work.
220/132 Kv 100 Mva Ict 1 @Sawangi	IntraState	17/12/2018	11.45	17/12/2018	18.31	PO	Routine Maintenance Work of ICT Attending Oil Leakages.
132 KV LINE Outages/Trippings							
Waghala (Nanded2) - Narsi	IntraState	17/12/2018	18.23	17/12/2018	18.29	T	Distance Protection,A1,1.68KA, 40.7KM Y PH.
Akot - Hiwarkhed	IntraState	17/12/2018	20.40	17/12/2018	20.47	T	Z1,14.59KM,B PH. Load Affected 6.4 MW.

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