

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Dec/2018 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	139.333	980.781	1) Gujrat	1.416	5.101
2) Hydro	3.827	37.367	2) Madhya Pradesh	10.075	64.523
3) Gas	7.168	47.189	3) Chattisgarh	5.900	42.620
Total MSPGCL	150.328	1065.337	4) Maharashtra Net	102.372	683.988
B) 1) APML	72.598	489.608	5) Goa (Amona)	-0.264	-1.980
2) JSWEL	18.649	122.002	Total	119.499	794.252
3) VIPL	8.447	67.033	a) Mumbai Schedule	18.555	137.275
4) RPL(AMT)	14.549	81.321	b) Mumbai Drawl	25.271	169.539
5) WPCL	1.981	13.714	c) MSEDCL Bilateral *	24.424	155.370
6) PGPL	0.000	0.000	Include PX	-2.001	-28.589
7) Other IPP	14.913	103.759	d) Mumbai Bilateral *	18.555	137.275
C) 1) TPCL Thermal	13.048	92.419	Include PX	3.338	14.154
2) TPCL Hydro	3.878	22.146	Include Standby	0.000	0.000
3) TPCL Gas	4.419	30.830	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.848	69.504	1) MSEDCL	384.469	2644.855
D) STATE			2) Mumbai Discoms	56.464	384.434
1) Thermal	293.366	2020.141	TOTAL STATE	440.933	3029.289
(A1+C1+C4+(B1-B6))					
2) Hydro	7.705	59.513			
(A2+C2)					
3) Gas	11.587	78.019			
(A3+B6+C3)					
4) Wind	3.931	44.883			
6) SOLAR	4.845	32.485			
TOTAL STATE	321.434	2235.041			

* 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	6238	6168	5654	5350
MSPGCL Hydro	308	288	154	95
MSPGCL Gas	284	292	288	306
MSPGCL Total Generation	6830	6748	6096	5751
Central Sector Receipt	6415	5744	5383	3728
WIND	199	199	57	145
CPP / IPP Thermal	5853	5840	5760	4733
CPP / IPP Gas	0	0	0	0
SOLAR	727	748	1	0
Exchange with Mumbai	-1296	-1315	-1367	-814
MSEDCL DEMAND MET	18728	17964	15930	13543
Load Shedding	0	0	0	0
MSEDCL DEMAND	18728	17964	15930	13543
TPCL GENERATION	1130	1093	1036	739
R-INFRA GENERATION	501	502	375	376
MUMBAI DEMAND	2927	2910	2778	1929
STATE DEMAND MET	21655	20874	18708	15472
STATE DEMAND	21655	20874	18708	15472
Frequency (Hz)	49.93	50.00	49.98	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 14.01 Hrs	49.81 Hz at 19.19 Hrs	49.98	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/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	8.00	57.12	351	296
Unit 9	8.22	17.22	362	300
Unit 10	7.98	54.78	350	300
Total	24.20	135.77		
Bhusawal				
Unit 3	0.00	3.86	0	0
Unit 4	10.18	69.10	505	350
Unit 5	10.16	68.76	500	350
Total	20.34	141.73		
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	0.00	21.22	0	0
Unit 8	5.00	34.96	233	180
Total	5.00	66.15		
Chandrapur				
Unit 3	4.31	29.76	192	163
Unit 4	4.27	29.71	187	165
Unit 5	9.28	65.93	410	355
Unit 6	10.17	64.99	460	361
Unit 7	9.46	65.38	420	362
Unit 8	10.05	69.59	445	360
Unit 9	9.88	69.20	448	366
Total	57.42	394.56		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.58	37.24	254	198
Total	5.58	37.24		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.50	27.28	155	125
Unit 3	3.49	27.09	155	135
Unit 4	2.51	26.43	155	0
Unit 5	9.05	66.76	400	350
Total	18.56	147.56		
Nasik				
Unit 3	4.16	28.91	196	158
Unit 4	4.08	28.86	185	160
Unit 5	0.00	0.00	0	0
Total	8.24	57.77		
Uran				
All Units	7.17	47.19	311	280
Total	7.17	47.19		
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)	0.06	0.59	33	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	0.59		
Koyna				
Stage 1-2	1.12	11.30	115	40
Stage 4	0.00	5.64	0	0
Stage 3	0.23	3.34	80	0
Total	1.35	20.28		
Hydro				
KDPH	0.44	3.10	19	18
VTRNA	0.00	0.95	0	0
TILLARI	0.30	2.09	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.17	0.91	80	0
RNGR+BHTSA	0.39	2.45	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.39	1.99	25	14
GHATGHAR	0.79	5.60	125	0
Total	2.48	17.09		
Wind				
Total	3.93	44.88	0	0
Total	3.93	44.88		
CPP				
APML(Mus)	72.60	489.61	0	0
JSWEL(Mus)	18.65	122.00	0	0
VIPL(Mus)	8.45	67.03	0	0
RPLAMT(Mus)	14.55	81.32	0	0
WPCL(Mus)	1.98	13.71	0	0
Other(Mus)	14.91	103.76	0	0
Total	131.14	877.44		
SOLAR				
Total	4.84	32.48	0	0
Total	4.84	32.48		
Tata				
Trombay 5	8.06	57.60	455	304
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	19.57	117	116
Trombay 7B	1.61	11.26	68	66
Trombay 8	4.98	34.81	226	202
TATA Hydro	3.88	22.15	347	0
Total	21.34	145.40		
R-INFRA				
DTPS U-1&2	9.85	69.50	503	374
Total	9.85	69.50		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	139.33	980.78	MSPGCL Total	150.33	1065.34
			MSPGCL Thml+Gas	146.50	1027.97	Koyna 1,2 & 4 Total	1.12	16.94
			MSPGCL Hydro	3.83	37.37	State Total	321.43	2235.04

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/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	5350	95	306	5751	145	4733	0	0	3721	3728	-814	13543	0	13543	1929	15472	49.93
2	5470	165	309	5944	150	4809	0	0	3871	3777	-714	13966	0	13966	1802	15768	49.96
3	5471	99	307	5877	178	4824	0	0	4501	4031	-641	14269	0	14269	1707	15976	49.99
4	5399	88	310	5797	227	4823	0	0	4571	4188	-579	14456	0	14456	1647	16103	50.00
5	5536	103	311	5950	265	4858	0	0	4391	4429	-576	14926	0	14926	1645	16571	50.00
6	5836	94	310	6240	257	5349	0	0	4840	5032	-661	16217	0	16217	1727	17944	49.97
7	6176	173	311	6660	281	5681	0	7	5451	5180	-675	17134	0	17134	1839	18973	49.98
8	6158	173	311	6642	274	5807	0	93	5781	5916	-702	18030	0	18030	2040	20070	49.97
9	6207	284	308	6799	224	5921	0	282	5471	5416	-851	17791	0	17791	2352	20143	49.97
10	6227	283	303	6813	189	6001	0	499	5577	5638	-1125	18015	0	18015	2681	20696	49.93
11	6210	298	289	6797	197	5860	0	649	5988	5922	-1249	18176	0	18176	2855	21031	49.99
12	6238	308	284	6830	199	5853	0	727	6168	6415	-1296	18728	0	18728	2927	21655	49.93
13	6168	288	292	6748	199	5840	0	748	6062	5744	-1315	17964	0	17964	2910	20874	50.00
14	6153	224	282	6659	195	5859	0	695	5851	5692	-1356	17744	0	17744	2747	20491	50.03
15	6155	144	280	6579	166	5798	0	574	5751	5783	-1384	17516	0	17516	2763	20279	49.99
16	6141	94	280	6515	150	5750	0	373	5494	5428	-1377	16839	0	16839	2804	19643	49.95
17	6169	89	283	6541	130	5697	0	172	5448	5113	-1367	16286	0	16286	2773	19059	49.98
18	5830	124	295	6249	76	5666	0	25	5350	5054	-1367	15703	0	15703	2740	18443	49.98
19	5654	154	288	6096	57	5760	0	1	5321	5383	-1367	15930	0	15930	2778	18708	49.98
20	5641	154	300	6095	56	5659	0	0	5221	4860	-1351	15319	0	15319	2676	17995	49.95
21	5531	124	292	5947	83	5525	0	0	4655	4455	-1299	14711	0	14711	2513	17224	49.95
22	5287	89	304	5680	73	5086	0	0	4533	4203	-1197	13845	0	13845	2351	16196	49.98
23	5139	90	306	5535	87	4995	0	0	4054	3986	-1067	13536	0	13536	2194	15730	49.99
24	5187	90	307	5584	73	4983	0	0	3838	4126	-941	13825	0	13825	2064	15889	50.02
MUs	139.33	3.83	7.17	150.33	3.93	131.14	0.00	4.84	121.91	119.50	-25.27	384.47	0.00	384.47	56.46	440.93	49.98

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/Dec/2018

Position as on 6.30 Hrs of 08/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.	
IPP	RPL(AMT) U-1	270	01/12/2018	20.03	07/12/2018	05.23	Zero schedule given by LM cell.	
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.	
MSPGCL	Parli Unit 7	250	05/12/2018	06.03		Continued.	Drum level low	
IPP	JSW (J) U4	300	07/12/2018	01.15		Continued.	No Schedule.	
MSPGCL	Khaparkheda Unit 4	210	07/12/2018	17.02		Continued.	Oil Leakage Of R-PH CT.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Dec/2018

Statement-VII

Position as on 6.30 Hrs of 08/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		Continued.	PO	Annual Maintenance Work
Chandrapur - Padghe Hvdc Pole 1	IntraState	07/12/2018	08.03		Continued.	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
Bhusawal-Aurangabad	IntraState	05/12/2018	19.12		Continued.	HT	Over Voltage
Nagothane - Dabhol I	IntraState	07/12/2018	10.09	07/12/2018	18.51	PO	LE Scheme For Insulator String Replacement.
Lonikand I - Koyna stage-IV	IntraState	07/12/2018	23.29		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 -I @New Koyna	IntraState	05/12/2018	10.12	07/12/2018	21.30	PO	OLTC Overhauling work
400/220/33 Kv 315 MVA ICT-II @Waluj	IntraState	07/12/2018	09.07	07/12/2018	18.04	PO	Routine Maintenance Work
400/132 Kv 200 Mva Ict 2 @Khadka	IntraState	07/12/2018	11.08	07/12/2018	11.58	PO	CTR Protection Bypass For Nitrogen Filling.
400/220/33kv 315MVA ICT2 @Lonikand	IntraState	07/12/2018	13.22	07/12/2018	16.00	EO	Attend Damaged Y PH Disc Insulator.
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.
Chitepimpalgaon-Chitegaon Ckt-II	InterState	07/12/2018	09.30	07/12/2018	17.44	PO	Routine Maintenance 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.	OO	To control load on Padgha ICTs.
Padgha - Temghar I	IntraState	03/12/2018	08.15		Continued.	OO	To control load on Padgha ICTs.
Eklahare (Gcr) - Airoli Know Park	IntraState	05/12/2018	09.16	07/12/2018	19.13	PO	Line Maintenance work
Phursungi-Parvati	IntraState	07/12/2018	01.25	08/12/2018	05.46	EO	Safety Purpose.
Bus Section II @ Kamba	IntraState	07/12/2018	08.15	07/12/2018	09.03	PO	Removing of Deteriorated Earth Wire.
Theur-Jejuri	IntraState	07/12/2018	09.12	07/12/2018	18.04	PO	Insulator Replacement Work
Adlabs - Pedambe	IntraState	07/12/2018	09.13	07/12/2018	17.55	PO	Insulator Washing.
Koradi-Ambazari-Ii	IntraState	07/12/2018	09.43	07/12/2018	18.02	PO	Relay Testing Work of Line.
Karad(400kv) -Nigade	IntraState	07/12/2018	10.19	07/12/2018	14.04	PO	CT Painting Work.
Mumewadi-Belewadi	IntraState	07/12/2018	11.59	07/12/2018	15.08	PO	Relay Testing Work.
Bhugaon-WardhaPG (Deoli)	IntraState	07/12/2018	12.11	07/12/2018	16.54	EO	Replacement of B PH Damaged Repair Sleeve.

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 07/Dec/2018

Statement-VII

Position as on 6.30 Hrs of 08/Dec/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Nigade- Peth Line	IntraState	07/12/2018	14.33	07/12/2018	17.48	PO	CT Painting Work.
Theur-Phursungi	IntraState	07/12/2018	20.34	08/12/2018	05.36	T	Distance Protection, Zone 1, 5.65Km. Soft. R.Y-Phase IF
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT I @Pal-Dombivali	IntraState	07/12/2018	03.20	07/12/2018	03.42	T	Over current earth fault mal function
220/132 Kv Ict 1 200 Mva @Parbhani	IntraState	07/12/2018	11.40	07/12/2018	15.05	PO	Tan Delta Measurment of CTs
220/132 Kv 200 MVA ICT II @Babhleshwar	IntraState	07/12/2018	13.02	07/12/2018	17.10	PO	Tan Delta Measurement of HV & LV CTs.
220/132 Kv Ict 2 200 Mva @Parbhani	IntraState	07/12/2018	15.30	07/12/2018	18.05	PO	Tan Delta Measurment of CTs
132 KV LINE Outages/Trippings							
Paithan-Rajpimpri	IntraState	07/12/2018	03.50	07/12/2018	04.11	T	Distance Protection, Y PH, Zone 1, 4.04KA, 8.62Km.

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