

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Dec/2018 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.164	2214.830	1) Gujrat	2.320	21.786
2) Hydro	4.719	76.155	2) Madhya Pradesh	10.714	145.896
3) Gas	7.183	111.770	3) Chattisgarh	6.020	95.520
Total MSPGCL	140.066	2402.755	4) Maharashtra Net	79.809	1460.198
B) 1) APML	64.715	1094.193	5) Goa (Amona)	-0.418	-4.664
2) JSWEL	17.678	284.008	Total	98.445	1718.736
3) VIPL	8.559	142.973	a) Mumbai Schedule	17.374	290.494
4) RPL(AMT)	4.769	190.867	b) Mumbai Drawl	18.055	355.843
5) WPCL	0.000	27.408	c) MSEDCL Bilateral *	14.010	329.461
6) PGPL	0.000	0.000	Include PX	-10.875	-86.072
7) Other IPP	16.014	242.352	d) Mumbai Bilateral *	17.374	290.494
C) 1) TPCL Thermal	12.190	203.952	Include PX	0.435	25.613
2) TPCL Hydro	0.555	53.503	Include Standby	0.000	0.000
3) TPCL Gas	3.817	68.681	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	8.968	151.999	1) MSEDCL	357.185	5975.819
D) STATE			2) Mumbai Discoms	43.585	833.971
1) Thermal	261.057	4552.582	TOTAL STATE	400.770	6809.790
(A1+C1+C4+(B1-B6))					
2) Hydro	5.274	129.658			
(A2+C2)					
3) Gas	11.000	180.451			
(A3+B6+C3)					
4) Wind	19.502	150.227			
6) SOLAR	5.492	78.143			
TOTAL STATE	302.325	5091.061			

* 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 24 Hrs
MSPGCL Thermal	5918	5715	5282	4895
MSPGCL Hydro	393	368	296	96
MSPGCL Gas	293	288	304	303
MSPGCL Total Generation	6604	6370	5882	5294
Central Sector Receipt	5370	4810	5062	2293
WIND	935	685	311	702
CPP / IPP Thermal	5329	5195	4671	4213
CPP / IPP Gas	0	0	0	0
SOLAR	738	835	0	0
Exchange with Mumbai	-939	-944	-959	-723
MSEDCL DEMAND MET	18037	16952	14968	11780
Load Shedding	0	0	0	0
MSEDCL DEMAND	18037	16952	14968	11780
TPCL GENERATION	702	693	736	689
R-INFRA GENERATION	374	374	373	371
MUMBAI DEMAND	2015	2011	2068	1783
STATE DEMAND MET	20052	18963	17036	13563
STATE DEMAND	20052	18963	17036	13563
Frequency (Hz)	49.98	49.96	50.01	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.25 Hz at 06.03 Hrs	49.67 Hz at 09.17 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 16/Dec/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	6.65	0	0
Unit 7	3.32	9.69	165	98
Unit 8	5.61	122.61	295	121
Unit 9	6.92	86.11	304	269
Unit 10	6.84	119.88	302	260
Total	22.69	344.93		
Bhusawal				
Unit 3	0.00	10.78	0	0
Unit 4	0.00	143.05	0	0
Unit 5	9.19	152.57	500	350
Total	9.19	306.40		
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	4.79	78.32	204	194
Total	4.79	126.94		
Chandrapur				
Unit 3	4.25	67.73	191	163
Unit 4	4.21	67.06	186	162
Unit 5	9.21	147.97	415	353
Unit 6	9.45	152.49	445	355
Unit 7	9.46	142.78	449	354
Unit 8	10.20	158.62	470	360
Unit 9	10.14	159.06	470	360
Total	56.93	895.72		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.05	84.27	255	163
Total	5.05	84.27		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.94	62.90	190	155
Unit 3	3.99	62.56	190	160
Unit 4	4.02	59.48	206	160
Unit 5	9.68	153.06	490	381
Total	21.63	338.01		
Nasik				
Unit 3	3.95	59.90	169	160
Unit 4	3.93	58.66	169	160
Unit 5	0.00	0.00	0	0
Total	7.89	118.56		
Uran				
All Units	7.18	111.77	313	286
Total	7.18	111.77		
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	1.18	32	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	1.18		
Koyna				
Stage 1-2	1.25	22.12	140	40
Stage 4	0.00	5.72	0	0
Stage 3	0.37	6.28	80	0
Total	1.62	34.12		
Hydro				
KDPH	0.67	7.99	37	19
VTRNA	0.53	3.71	60	0
TILLARI	0.00	3.29	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	2.69	63	0
RNGR+BHTSA	0.32	5.42	14	13
BHANDARDRA	0.00	0.01	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.50	6.58	30	18
GHATGHAR	0.92	12.34	125	0
Total	3.10	42.03		
Wind				
Total	19.50	150.23	0	0
Total	19.50	150.23		
CPP				
APML(Mus)	64.72	1094.19	0	0
JSWEL(Mus)	17.68	284.01	0	0
VIPL(Mus)	8.56	142.97	0	0
RPLAMT(Mus)	4.77	190.87	0	0
WPCL(Mus)	0.00	27.41	0	0
Other(Mus)	16.01	242.35	0	0
Total	111.74	1981.80		
SOLAR				
Total	5.49	78.14	0	0
Total	5.49	78.14		
Tata				
Trombay 5	7.33	124.56	307	303
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.34	43.34	115	63
Trombay 7B	1.48	25.34	68	50
Trombay 8	4.86	79.40	206	200
TATA Hydro	0.56	53.50	119	4
Total	16.56	326.14		
R-INFRA				
DTPS U-1&2	8.97	152.00	375	371
Total	8.97	152.00		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	128.16	2214.83	MSPGCL Total	140.07	2402.76
			MSPGCL Thml+Gas	135.35	2326.60	Koyna 1,2 & 4 Total	1.25	27.84
			MSPGCL Hydro	4.72	76.16	State Total	302.32	5091.06

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/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	5138	208	298	5644	1309	4204	0	0	1809	2171	-662	12666	0	12666	1719	14385	49.97
2	5126	173	310	5609	1341	4216	0	0	2193	2263	-564	12865	0	12865	1602	14467	50.00
3	5120	108	309	5537	1323	4209	0	0	2412	2674	-505	13238	0	13238	1515	14753	49.97
4	5105	113	298	5516	1183	4202	0	0	2835	2883	-478	13306	0	13306	1472	14778	50.01
5	5078	108	312	5498	1222	4210	0	0	3056	3485	-465	13950	0	13950	1460	15410	50.00
6	5146	108	313	5567	1265	4352	0	0	3692	4051	-546	14689	0	14689	1540	16229	49.99
7	5530	113	311	5954	1377	4577	0	4	4613	4146	-591	15467	0	15467	1586	17053	50.02
8	5546	158	300	6004	1196	4641	0	72	4877	5144	-646	16411	0	16411	1643	18054	49.95
9	5798	230	307	6335	1115	4962	0	295	4951	4778	-792	16693	0	16693	1790	18483	49.91
10	5896	241	295	6432	974	5365	0	557	4767	4620	-875	17073	0	17073	1920	18993	49.90
11	5918	393	293	6604	935	5329	0	738	5034	5370	-939	18037	0	18037	2015	20052	49.98
12	5858	417	290	6565	744	5254	0	838	5062	4973	-950	17424	0	17424	2041	19465	49.94
13	5715	368	288	6370	685	5195	0	835	5073	4810	-944	16952	0	16952	2011	18963	49.96
14	5506	296	287	6088	450	5064	0	791	5051	5459	-884	16969	0	16969	1950	18919	50.01
15	5392	282	286	5960	442	4957	0	664	5076	4967	-820	16170	0	16170	1897	18067	50.01
16	5340	242	286	5868	366	4912	0	462	5032	4925	-782	15751	0	15751	1861	17612	49.98
17	5266	110	286	5662	281	4737	0	208	5048	5038	-766	15161	0	15161	1845	17006	49.93
18	5158	108	292	5558	276	4613	0	28	4872	4989	-800	14664	0	14664	1892	16556	50.00
19	5282	296	304	5882	311	4671	0	0	4742	5062	-959	14968	0	14968	2068	17036	50.01
20	5324	272	296	5892	292	4620	0	0	4658	4493	-904	14393	0	14393	2080	16473	49.97
21	5015	96	297	5408	451	4549	0	0	4037	4075	-884	13600	0	13600	2068	15668	49.96
22	5000	92	311	5402	605	4439	0	0	3225	3149	-816	12779	0	12779	1962	14741	50.08
23	5012	92	311	5414	657	4241	0	0	2464	2627	-760	12180	0	12180	1865	14045	50.02
24	4895	96	303	5294	702	4213	0	0	2467	2293	-723	11780	0	11780	1783	13563	50.03
MUs	128.16	4.72	7.18	140.07	19.50	111.73	0.00	5.49	97.05	98.44	-18.05	357.18	0.00	357.18	43.59	400.77	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 16/Dec/2018

Position as on 6.30 Hrs of 17/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	Khaparkhedda 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	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		Continued.	Turbine bearing Vabration high	
IPP	JSW (J) U4	300	07/12/2018	01.15		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	
MSPGCL	Bhusawal Unit 4	500	15/12/2018	21.35		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Dec/2018

Statement-VII

Position as on 6.30 Hrs of 17/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		Continued.	HT	Over Voltage
Padgha Tarapur I	InterState	17/12/2018	03.05		Continued.	T	Over Voltage.
Khadka-Aurangabad (Waluj)	IntraState	12/12/2018	17.13		Continued.	HT	Over Voltage
Jaigad-New Koyna Ckt-II	IntraState	15/12/2018	09.55	16/12/2018	10.35	PO	CKT Breaker Overhauling.
Lonikand I - Koyna stage-IV	IntraState	15/12/2018	19.44	16/12/2018	08.25	HT	Over Voltage
Padghe - Nagothane - II	IntraState	15/12/2018	19.53	16/12/2018	09.32	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
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.
400/220KV 500MVA ICT-I @Nanded	IntraState	15/12/2018	13.10	16/12/2018	00.24	EO	Due To Header Pipe Leakage Replacement Work.
400/220KV 500MVA ICT-I @Nanded	IntraState	16/12/2018	20.36	16/12/2018	23.43	T	Tripped On R-PH OSR.
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(MS) - Boisar (PG) II	InterState	16/12/2018	08.05	16/12/2018	16.04	PO	Annual 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 I	IntraState	03/12/2018	08.15		Continued.	EO	To control load on Padgha ICTs.
Padgha-Temghar-II	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
132 KV LINE Outages/Trippings							
Amalner(220kv)-Chopda	IntraState	16/12/2018	20.20	16/12/2018	20.40	T	R-PH Z2 Tripped At Amalner End Only.

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