

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Dec/2019 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	154.948	1987.344	1) Gujrat	5.070	68.731
2) Hydro	10.210	222.643	2) Madhya Pradesh	9.074	148.359
3) Gas	3.661	107.576	3) Chattisgarh	5.470	100.940
Total MSPGCL	168.819	2317.563	4) Maharashtra	118.024	1777.207
B) 1) APLM	55.769	1065.925	5) Goa (Amona)	-0.550	-10.560
2) JSWEL	16.017	324.000	Total	137.088	2084.677
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.022	417.495
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	21.050	439.070
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	23.672	431.035
6) Other IPP	13.017	206.885	Include PX	1.909	96.127
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.022	417.495
C) 1) TPCL Thermal	9.815	145.270	Include PX	8.275	160.143
2) TPCL Hydro	1.581	75.723	Standby	0.000	0.000
3) TPCL Gas	2.203	44.230	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.766	160.569	1) MSEDCL	382.044	5798.781
D) STATE			2) Mumbai Discoms	45.414	864.861
1) Thermal	260.332	3889.993	TOTAL STATE	427.458	6663.642
(A1+C1+C4+(B1-B6))					
2) Hydro	11.791	298.366			
(A2+C2)					
3) Gas	5.864	151.806			
(A3+B7+C3)					
4) Wind	7.295	161.419			
6) SOLAR	5.089	77.382			
TOTAL STATE	290.371	4578.966			

* 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	6844	6821	6686	5711
MSPGCL Hydro	794	1350	243	66
MSPGCL Gas	144	143	135	264
MSPGCL Total Generation	7782	8314	7064	6041
Central Sector Receipt	6809	6226	5348	4619
WIND	294	169	199	552
CPP / IPP Thermal	3802	3848	3885	2989
CPP / IPP Gas	0	0	0	0
SOLAR	776	778	0	0
Exchange with Mumbai	-1027	-1038	-802	-1077
MSEDCL DEMAND MET	18436	18297	15694	13124
Load Shedding	0	0	0	0
MSEDCL DEMAND	18436	18297	15694	13124
TPCL GENERATION	592	569	843	410
AEML GENERATION	500	501	500	374
MUMBAI DEMAND	2119	2108	2145	1861
STATE DEMAND MET	20555	20405	17839	14985
STATE DEMAND	20555	20405	17839	14985
Frequency (Hz)	50.04	50.04	50.04	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.34 Hz at 23.59 Hrs	49.74 Hz at 09.16 Hrs	50.02	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 15/Dec/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	10.02	175.06	465	360
Unit 9	11.08	175.71	520	390
Unit 10	9.73	98.24	475	315
Total	30.82	449.00		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.62	114.50	500	360
Unit 5	10.09	125.20	505	330
Total	20.71	239.70		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.30	83.04	245	185
Unit 7	5.44	60.39	249	187
Unit 8	5.14	66.77	236	193
Total	15.89	210.20		
Chandrapur				
Unit 3	4.23	62.89	186	163
Unit 4	3.94	51.97	170	140
Unit 5	8.63	131.83	365	350
Unit 6	10.36	156.50	475	356
Unit 7	0.00	0.00	0	0
Unit 8	9.90	155.51	455	360
Unit 9	10.36	154.89	470	360
Total	47.41	713.59		
Paras				
Unit 3	5.36	19.05	250	190
Unit 4	5.22	18.54	238	188
Total	10.57	37.60		
Khaparkheda				
Unit 1	3.90	21.74	180	150
Unit 2	3.92	23.16	190	150
Unit 3	3.82	23.68	180	140
Unit 4	4.06	59.04	195	160
Unit 5	9.62	151.75	450	360
Total	25.32	279.36		
Nasik				
Unit 3	4.22	11.13	194	158
Unit 4	0.00	0.00	0	0
Unit 5	0.00	46.76	0	0
Total	4.22	57.89		
Uran				
All Units	3.66	107.58	264	132
Total	3.66	107.58		
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	1.45	21	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	1.45		
Koyna				
Stage 1-2	2.59	64.52	450	35
Stage 4	4.88	102.33	746	0
Stage 3	1.43	35.22	160	0
Total	8.90	202.07		
Hydro				
KDPH	0.00	1.24	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.17	4.65	80	0
RNGR+BHTSA	0.39	5.64	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.38	4.50	16	15
GHATGHAR	0.36	4.56	125	0
Total	1.31	20.57		
Wind				
Total	7.30	161.42	0	0
Total	7.30	161.42		
CPP				
APML(Mus)	55.77	1065.92	0	0
JSWEL(Mus)	16.02	324.00	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	13.02	206.88	0	0
Total	84.80	1596.81		
SOLAR				
Total	5.09	77.38	0	0
Total	5.09	77.38		
Tata				
Trombay 5	9.82	145.17	479	309
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.21	26.03	53	49
Trombay 7B	0.99	18.20	43	40
Trombay 8	0.00	0.10	0	0
TATA Hydro	1.58	75.72	280	0
Total	13.60	265.22		
AEML				
DTPS U-1&2	10.77	160.57	501	374
Total	10.77	160.57		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	154.95	1987.34	MSPGCL Total	168.82	2317.56
			MSPGCL Thml+Gas	158.61	2094.92	Koyna 1,2 & 4 Total	7.47	166.85
			MSPGCL Hydro	10.21	222.64	State Total	290.37	4578.97

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/Dec/2019

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	5894	73	150	6117	327	2976	0	0	5495	5625	-1007	14038	0	14038	1788	15826	50.01
2	5887	68	149	6104	377	3152	0	0	5472	5225	-895	13963	0	13963	1676	15639	49.98
3	5880	68	140	6088	380	2998	0	0	5393	5420	-816	14070	0	14070	1594	15664	50.01
4	5907	68	151	6126	416	2960	0	0	5424	5365	-757	14110	0	14110	1536	15646	50.02
5	6162	148	150	6460	353	2977	0	0	5460	5609	-755	14644	0	14644	1535	16179	50.03
6	6739	78	151	6968	332	3402	0	0	5859	5518	-642	15578	0	15578	1600	17178	50.03
7	6817	73	142	7032	375	3609	0	3	6309	6181	-587	16613	0	16613	1653	18266	50.05
8	6916	451	151	7518	370	3643	0	80	6260	6326	-571	17366	0	17366	1691	19057	50.00
9	6931	611	149	7691	304	3931	0	292	5905	5941	-560	17599	0	17599	1801	19400	50.00
10	6966	928	148	8042	297	3641	0	556	6102	6018	-691	17863	0	17863	1944	19807	49.99
11	6905	835	137	7877	218	3796	0	742	6465	6531	-860	18304	0	18304	2062	20366	50.02
12	6844	794	144	7782	294	3802	0	776	6938	6809	-1027	18436	0	18436	2119	20555	50.04
13	6821	1350	143	8314	169	3848	0	778	6271	6226	-1038	18297	0	18297	2108	20405	50.04
14	6764	1111	133	8008	144	3871	0	716	6114	6124	-987	17876	0	17876	2053	19929	50.01
15	6729	983	142	7854	128	3888	0	539	6324	6482	-939	17952	0	17952	2004	19956	49.97
16	6720	959	132	7811	109	3885	0	410	6461	6250	-880	17585	0	17585	1977	19562	50.00
17	6791	471	144	7406	127	3868	0	171	5983	5794	-739	16627	0	16627	1958	18585	50.01
18	6707	427	145	7279	145	3852	0	26	5387	5478	-717	16063	0	16063	1993	18056	50.01
19	6686	243	135	7064	199	3885	0	0	5351	5348	-802	15694	0	15694	2145	17839	50.04
20	6483	193	147	6823	260	3736	0	0	5289	5110	-968	14961	0	14961	2156	17117	50.00
21	6058	79	147	6284	382	3452	0	0	5174	5223	-1246	14095	0	14095	2097	16192	50.02
22	5894	67	154	6115	486	3414	0	0	5105	5020	-1301	13734	0	13734	2097	15831	50.04
23	5736	66	213	6015	551	3228	0	0	5024	4846	-1188	13452	0	13452	1967	15419	50.03
24	5711	66	264	6041	552	2989	0	0	4775	4619	-1077	13124	0	13124	1861	14985	50.01
MUs	154.95	10.21	3.66	168.82	7.30	84.80	0.00	5.09	138.34	137.09	-21.05	382.04	0.00	382.04	45.42	427.46	50.02

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 15/Dec/2019

Position as on 6.30 Hrs of 16/Dec/2019

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	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
MSPGCL	Ghatghar Unit-1	125	25/09/2019	04.20		Continued.	Withdrawn On Shaft Seal Water Leakage.Converted to AOH From 1 Nov 2019.	
MSPGCL	Koyna Unit 7	80	31/10/2019	16.30		Continued.	Turbine Vibration(converted to Capital Overhaul for 60 Days from 09.00Hrs DT.01-11-2019)	
MSPGCL	Nasik Unit 4	210	20/11/2019	04.15		Continued.	ID Fan Problem(Converted for Zero Schedule from 05.00hrs DT. 21-11-2019 and Continued for Annual Overhaul From 01.12.2019	
TPC_G	Trombay 8	250	01/12/2019	00.50		Continued.	Annual Overhaul	
MSPGCL	Koyna STG-IV Unit-4	250	06/12/2019	12.00		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 20.00 hrs)	
IPP	RPL(AMT) U-1	270	01/09/2019	09.11		Continued.	Generator Protection operated	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule	
IPP	RPL(AMT) U-3	270	25/10/2019	02.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-2	270	25/10/2019	22.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	09/11/2019	03.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Uran Unit 8	108	30/11/2019	19.14		Continued.	Over Speed Bolt Trip.	
MSPGCL	Uran Unit B0	120	07/12/2019	07:14		Continued.	Gas shortage	
MSPGCL	Uran Unit 7	108	07/12/2019	07:14		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 15/Dec/2019

Position as on 6.30 Hrs of 16/Dec/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	JSW (J) U1	300	11/12/2019	23.58		Continued.	Governing Valve Rectification Work	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 04.25Hrs DT. 13-12-2019)	
IPP	Adani U-5	660	13/12/2019	20.01	16/12/2019	17.11	Due to APH Bellow Oil Leakage.	
MSPGCL	Uran Unit 5	108	14/12/2019	00.12	15/12/2019	21.15	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Dec/2019

Statement-VII

Position as on 6.30 Hrs of 16/Dec/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400KV 1500MVA ICT-II @ Koradi-III	IntraState	16/12/2019	10.09	16/12/2019	20.16	PO	Quarterly Maintainance Work
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	13/12/2019	18.46	16/12/2019	09.23	HT	Over Voltage
Dabhol Nagothane II	InterState	15/12/2019	09.38	15/12/2019	17.02	PO	Construction Work
Dhule Sar'Sarovar I	InterState	16/12/2019	18.41		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	03/12/2019	09.54	16/12/2019	19.27	PO	Construction Work
Koradi-Bhusawal	IntraState	04/12/2019	08.41	15/12/2019	16.19	PO	Restrining of Conductor
Khadka-Aurangabad (Waluj)	IntraState	15/12/2019	18.51		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	15/12/2019	19.21	16/12/2019	10.05	HT	Over Voltage
Karad - Jaigad - II	IntraState	16/12/2019	21.29		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.
400/220/33 Kv 315 Mva Ict 1 @Parali (Girwali)	IntraState	10/12/2019	10.27		Continued.	PO	For Replacment Of Y-PH UNIT By Overhauled Unit.
400/220kv 315 Mva ICT II @Karad	IntraState	16/12/2019	09.01	16/12/2019	16.01	PO	Quarterly Maintainance Work
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.(close at Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Padghe - Nalasopara	IntraState	13/12/2019	08.31	15/12/2019	21.09	PO	Erection of New Tower.
Bableshwar Ahamadnagar-Ii	IntraState	14/12/2019	21.15	15/12/2019	05.23	PO	Replacement of Y PH CT.
Lonikand1 (400 Kv)-Theur I	IntraState	15/12/2019	09.48	15/12/2019	11.00	T	Tripped During Line Shifting
Talegaon (Ambi)-General Motors	IntraState	15/12/2019	11.13	15/12/2019	17.20	PO	Half yearly maintenance work
Wardha-Yeotmal	IntraState	15/12/2019	22.03	16/12/2019	06.20	T	Distance Protection
Tambati - Adlabs	IntraState	16/12/2019	08.46	16/12/2019	09.55	PO	Tree Cutting
KORADI 2 - KAULEWADA CKT - I	IntraState	16/12/2019	10.27	16/12/2019	14.08	PO	Testing Work
Alkud Miraj	IntraState	16/12/2019	10.42	16/12/2019	13.40	PO	Jumper Tightening work
Adlabs - Pedambe	IntraState	16/12/2019	11.00	16/12/2019	15.14	PO	Tree Cutting
TOPWORTH VILEBHAGAD	IntraState	16/12/2019	14.03	16/12/2019	18.30	EO	To attend Hot Spot
220 KV ICT Outages/Trippings							
220/132-110 Kv 200 Mva Ptr 3 @Ichalkaranji-Ii	IntraState	16/12/2019	09.33	16/12/2019	12.15	PO	Quarterly Maintainance Work

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