

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/Dec/2019 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	129.919	2565.613	1) Gujrat	3.009	88.581
2) Hydro	17.043	272.864	2) Madhya Pradesh	11.539	194.696
3) Gas	6.700	132.232	3) Chattisgarh	6.760	126.740
Total MSPGCL	153.662	2970.709	4) Maharashtra	115.358	2224.957
B) 1) APLM	71.115	1332.950	5) Goa (Amona)	-0.506	-13.068
2) JSWEL	24.263	407.585	Total	136.160	2621.906
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.693	525.967
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	27.913	550.501
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	22.848	521.709
6) Other IPP	14.371	263.096	Include PX	1.396	100.469
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.693	525.967
C) 1) TPCL Thermal	9.787	182.974	Include PX	11.225	204.450
2) TPCL Hydro	5.095	96.710	Standby	0.000	0.000
3) TPCL Gas	2.730	54.839	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.733	202.297	1) MSEDCL	387.905	7349.423
D) STATE			2) Mumbai Discoms	56.258	1087.320
1) Thermal	260.188	4954.515	TOTAL STATE	444.163	8436.743
(A1+C1+C4+(B1-B6))					
2) Hydro	22.138	369.574			
(A2+C2)					
3) Gas	9.430	187.071			
(A3+B7+C3)					
4) Wind	10.899	206.885			
6) SOLAR	5.348	96.793			
TOTAL STATE	308.003	5814.838			

* 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 4 Hrs
MSPGCL Thermal	5581	5565	5378	5345
MSPGCL Hydro	1393	1136	748	110
MSPGCL Gas	288	276	299	278
MSPGCL Total Generation	7262	6977	6425	5733
Central Sector Receipt	7053	6965	5548	4255
WIND	271	264	328	845
CPP / IPP Thermal	4995	5002	5016	3606
CPP / IPP Gas	0	0	0	0
SOLAR	813	785	0	0
Exchange with Mumbai	-1408	-1524	-1267	-803
MSEDCL DEMAND MET	18986	18469	16050	13636
Load Shedding	0	0	0	0
MSEDCL DEMAND	18986	18469	16050	13636
TPCL GENERATION	989	820	1024	422
AEML GENERATION	497	500	501	371
MUMBAI DEMAND	2894	2844	2792	1596
STATE DEMAND MET	21880	21313	18842	15232
STATE DEMAND	21880	21313	18842	15232
Frequency (Hz)	50.00	50.04	49.97	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 06.03 Hrs	49.79 Hz at 20.34 Hrs	50	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/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	10.44	216.58	470	390
Unit 9	10.35	219.62	475	390
Unit 10	10.44	141.48	460	370
Total	31.22	577.68		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	138.45	0	0
Unit 5	8.84	162.73	450	310
Total	8.84	301.18		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.43	104.70	250	190
Unit 7	5.26	81.90	248	184
Unit 8	0.00	76.80	0	0
Total	10.69	263.40		
Chandrapur				
Unit 3	4.25	79.87	190	159
Unit 4	3.89	66.88	173	155
Unit 5	8.75	166.33	380	345
Unit 6	1.55	189.02	366	0
Unit 7	0.00	0.00	0	0
Unit 8	10.64	197.30	480	360
Unit 9	10.12	195.72	465	360
Total	39.21	895.11		
Paras				
Unit 3	4.65	36.51	210	170
Unit 4	4.97	37.96	228	188
Total	9.62	74.47		
Khaparkheda				
Unit 1	4.03	37.50	190	140
Unit 2	4.20	40.00	190	155
Unit 3	4.18	40.44	190	150
Unit 4	4.16	76.05	195	160
Unit 5	9.52	185.06	460	250
Total	26.10	379.03		
Nasik				
Unit 3	4.24	27.99	207	156
Unit 4	0.00	0.00	0	0
Unit 5	0.00	46.76	0	0
Total	4.24	74.75		
Uran				
All Units	6.70	132.23	310	217
Total	6.70	132.23		
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)	0.02	1.57	19	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.02	1.57		
Koyna				
Stage 1-2	3.69	78.24	435	35
Stage 4	8.52	123.88	755	0
Stage 3	2.66	42.94	240	0
Total	14.86	245.06		
Hydro				
KDPH	0.00	1.24	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.54	1.56	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.32	5.78	80	0
RNGR+BHTSA	0.39	7.20	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.30	5.74	13	12
GHATGHAR	0.63	6.29	125	0
Total	2.18	27.80		
Wind				
Total	10.90	206.88	0	0
Total	10.90	206.88		
CPP				
APML(Mus)	71.12	1332.95	0	0
JSWEL(Mus)	24.26	407.58	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)	14.37	263.10	0	0
Total	109.75	2003.63		
SOLAR				
Total	5.35	96.79	0	0
Total	5.35	96.79		
Tata				
Trombay 5	9.79	182.88	480	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.52	31.97	68	60
Trombay 7B	1.21	22.87	52	47
Trombay 8	0.00	0.10	0	0
TATA Hydro	5.10	96.71	429	0
Total	17.61	334.52		
AEML				
DTPS U-1&2	10.73	202.30	503	371
Total	10.73	202.30		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	129.92	2565.61	MSPGCL Total	153.66	2970.71
			MSPGCL Thml+Gas	136.62	2697.84	Koyna 1,2 & 4 Total	12.21	202.12
			MSPGCL Hydro	17.04	272.86	State Total	308.00	5814.84

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/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	5341	70	272	5683	790	3580	0	0	4631	4750	-1113	13690	0	13690	1902	15592	50.02
2	5324	65	277	5666	802	3617	0	0	4689	4647	-961	13771	0	13771	1757	15528	50.04
3	5360	65	287	5712	869	3623	0	0	4611	4308	-865	13647	0	13647	1661	15308	50.02
4	5345	110	278	5733	845	3606	0	0	4228	4255	-803	13636	0	13636	1596	15232	50.00
5	5236	215	284	5735	767	3789	0	0	4584	4839	-807	14323	0	14323	1599	15922	50.06
6	5463	130	308	5901	657	4419	0	0	5346	5443	-905	15515	0	15515	1712	17227	50.04
7	5597	439	299	6335	546	4656	0	9	6213	6157	-733	16970	0	16970	1895	18865	49.98
8	5571	1292	310	7173	517	4900	0	93	5962	6045	-771	17957	0	17957	2071	20028	49.97
9	5583	1408	288	7279	414	4991	0	282	5975	6146	-946	18166	0	18166	2347	20513	50.01
10	5530	1605	295	7430	411	4974	0	531	6006	6142	-1134	18354	0	18354	2640	20994	50.01
11	5543	1523	292	7358	299	4950	0	690	6556	6421	-1315	18403	0	18403	2835	21238	50.00
12	5581	1393	288	7262	271	4995	0	813	6998	7053	-1408	18986	0	18986	2894	21880	50.00
13	5565	1136	276	6977	264	5002	0	785	6873	6965	-1524	18469	0	18469	2844	21313	50.04
14	5521	1126	284	6931	238	4992	0	776	6737	6865	-1444	18358	0	18358	2729	21087	50.00
15	5542	1288	282	7112	247	5013	0	659	6710	6652	-1370	18313	0	18313	2770	21083	49.94
16	5564	1348	283	7195	209	5038	0	462	6609	6433	-1288	18049	0	18049	2781	20830	49.92
17	5458	1388	284	7130	232	5051	0	223	6124	5891	-1279	17248	0	17248	2784	20032	49.93
18	5505	1080	278	6863	232	5030	0	25	5649	5607	-1232	16525	0	16525	2754	19279	50.00
19	5378	748	299	6425	328	5016	0	0	5596	5548	-1267	16050	0	16050	2792	18842	49.97
20	5454	332	264	6050	469	4971	0	0	5531	5153	-1211	15432	0	15432	2693	18125	50.03
21	5249	78	252	5579	426	4714	0	0	5149	5191	-1336	14574	0	14574	2527	17101	49.99
22	5200	63	271	5534	441	4489	0	0	5298	5105	-1511	14058	0	14058	2367	16425	50.03
23	4949	63	217	5229	347	4190	0	0	5166	5501	-1404	13863	0	13863	2220	16083	49.99
24	5060	78	232	5370	278	4143	0	0	5113	5043	-1286	13548	0	13548	2088	15636	50.03
MUs	129.92	17.04	6.70	153.66	10.90	109.75	0.00	5.35	136.35	136.16	-27.91	387.90	0.00	387.90	56.26	444.16	50.00

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/2019

Position as on 6.30 Hrs of 20/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 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	
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 By MSEDCL.	
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	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan problem (Under Case 4 Bidding from 04.25Hrs DT. 13-12-2019)	
MSPGCL	Parli Unit 8	250	17/12/2019	20.49		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 19/Dec/2019

Position as on 6.30 Hrs of 20/Dec/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 4	500	18/12/2019	12.05		Continued.	Zero Schedule	
MSPGCL	Uran Unit 5	108	18/12/2019	13.01		Continued.	Turbine bearing Vabration high	
MSPGCL	Chandrapur Unit 6	500	19/12/2019	04.27		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Dec/2019

Statement-VII

Position as on 6.30 Hrs of 20/Dec/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi III - Tirora - I	IntraState	19/12/2019	10.24	19/12/2019	19.45	PO	Routine Maintenance 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 I	InterState	18/12/2019	18.55	19/12/2019	08.29	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	19/12/2019	20.11		Continued.	HT	Over Voltage
Kala Kudus Ckt-II	IntraState	18/12/2019	08.13		Continued.	PO	Routine Maintenance Work
Akola - Bhusawal	IntraState	18/12/2019	19.00		Continued.	PO	Restrining for Railway work
Kala Kudus Ckt-I	IntraState	19/12/2019	12.19	19/12/2019	19.38	PO	SF6 Gas Lekage Attending work.
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 (Ginwali)	IntraState	10/12/2019	10.27		Continued.	PO	For Replacment Of Y-PH UNIT By Overhauled Unit.
400/220 Kv 500 Mva ICT- I @Jejuri	IntraState	19/12/2019	09.57	19/12/2019	17.06	PO	Routine Maintenance Work
400/220 kv 500MVA ICT-I @ Alkud	IntraState	19/12/2019	13.07	19/12/2019	16.57	PO	Construction 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)
Mudshingi - Chikodi	InterState	19/12/2019	11.30		Continued.	PO	Installation CVT and Wave Trap at Chikodi End.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Wpcl-Warora 2	IntraState	18/12/2019	18.02		Continued.	PO	LA Replacement at warora end
Mahape - TIFIL	IntraState	19/12/2019	08.15	19/12/2019	16.00	PO	Annual Bus Isolator Maintenance.
Lonikand2-Lonikand1 (Interconnector)	IntraState	19/12/2019	08.35	19/12/2019	18.31	PO	To Make Twin Conductor Arrangement of Interconnector.
Pophali - Pedambe II	IntraState	19/12/2019	08.35	19/12/2019	17.00	PO	SF6 Gas Lekage Attending Work.
Boisar-Viraj	IntraState	19/12/2019	09.08	19/12/2019	18.11	PO	Routine Maintenance Work
EKLAHRE (GCR)Nashik-Airoli Knowledge Park	IntraState	19/12/2019	09.16	19/12/2019	18.08	PO	Routine Maintenance Work
satara MIDC- Malharpeth	IntraState	19/12/2019	09.43	19/12/2019	14.24	PO	Routine Maintenance Work
Talandge(400kv)- Sawantwadi(Insuli)	IntraState	19/12/2019	10.01	19/12/2019	16.25	PO	Pid Work.
Jejuri-Phursungi ckt-1	IntraState	19/12/2019	10.41	19/12/2019	18.00	PO	Routine Maintenance Work
Kandalgaon - ONGC Panvel	IntraState	19/12/2019	11.20	19/12/2019	16.45	PO	Tree Cutting.
Bableshwar- Alephata ckt I	IntraState	19/12/2019	11.41	19/12/2019	14.11	PO	Line Maintenance work
ALKUD - MENDHEGIRI CKT - 1	IntraState	19/12/2019	11.42		Continued.	PO	Construction Work.
ALKUD - MENDHEGIRI CKT - 2	IntraState	19/12/2019	11.57	19/12/2019	17.36	PO	Construction Work.
Alkud Miraj	IntraState	19/12/2019	12.26	19/12/2019	17.15	PO	Tree Cutting.
Phulambri-Bhokardan	IntraState	19/12/2019	12.40	19/12/2019	14.25	PO	Diagnostic Testing Work.
Vita Alkud	IntraState	19/12/2019	12.45	19/12/2019	17.28	PO	Tree Cutting.
Telco- Chinchwad	IntraState	19/12/2019	13.09	19/12/2019	18.50	PO	Line Maintenance work
220 KV ICT Outages/Trippings							
220/100 Kv 200 Mva ICT III @Kalwa	IntraState	19/12/2019	09.17	19/12/2019	18.13	PO	Routine Maintenance Work
220/132 Kv Ict 1 200 Mva @Parbhani	IntraState	19/12/2019	10.00	19/12/2019	15.21	PO	Tan Delta Measurment of CTs
220/132 kv 150MVA ICT II@ GCR Nashik	IntraState	19/12/2019	10.11	19/12/2019	17.34	EO	Attending Hot Spot on B-Ph LV Bushing of ICT-2.

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