

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Dec/2019 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.000	121.000	1) Gujrat	4.742	4.742
2) Hydro	9.960	9.960	2) Madhya Pradesh	12.913	12.913
3) Gas	6.708	6.708	3) Chattisgarh	7.390	7.390
Total MSPGCL	137.668	137.668	4) Maharashtra	115.228	115.228
B) 1) APMIL	73.931	73.931	5) Goa (Amona)	-0.748	-0.748
2) JSWEL	22.748	22.748	Total	139.525	139.525
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.789	24.789
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	26.288	26.288
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	32.008	32.008
6) Other IPP	12.509	12.509	Include PX	8.783	8.783
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.789	24.789
C) 1) TPCL Thermal	9.828	9.828	Include PX	9.732	9.732
2) TPCL Hydro	1.911	1.911	Standby	0.000	0.000
3) TPCL Gas	4.179	4.179	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.790	10.790	1) MSEDCL	375.759	375.759
D) STATE			2) Mumbai Discoms	52.996	52.996
1) Thermal	250.806	250.806	TOTAL STATE	428.755	428.755
(A1+C1+C4+(B1-B6))					
2) Hydro	11.871	11.871			
(A2+C2)					
3) Gas	10.887	10.887			
(A3+B7+C3)					
4) Wind	11.352	11.352			
6) SOLAR	4.314	4.314			
TOTAL STATE	289.230	289.230			

* 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	5321	5418	5140	4458
MSPGCL Hydro	726	434	755	170
MSPGCL Gas	269	276	280	298
MSPGCL Total Generation	6316	6128	6175	4926
Central Sector Receipt	6925	6896	5276	5177
WIND	536	369	382	650
CPP / IPP Thermal	4747	4763	4771	4123
CPP / IPP Gas	0	0	0	0
SOLAR	692	676	0	0
Exchange with Mumbai	-1169	-1186	-1028	-1526
MSEDCL DEMAND MET	18047	17646	15576	13350
Load Shedding	0	0	0	0
MSEDCL DEMAND	18047	17646	15576	13350
TPCL GENERATION	704	671	888	468
AEML GENERATION	500	500	501	373
MUMBAI DEMAND	2373	2357	2417	2367
STATE DEMAND MET	20420	20003	17993	15717
STATE DEMAND	20420	20003	17993	15717
Frequency (Hz)	50.01	50.00	50.03	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 06.02 Hrs	49.76 Hz at 16.42 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 01/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	12.07	12.07	590	425
Unit 9	12.24	12.24	550	455
Unit 10	0.00	0.00	0	0
Total	24.32	24.32		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.95	9.95	470	350
Unit 5	10.14	10.14	500	340
Total	20.09	20.09		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.57	5.57	250	195
Unit 7	3.17	3.17	220	0
Unit 8	5.45	5.45	250	195
Total	14.19	14.19		
Chandrapur				
Unit 3	3.98	3.98	186	155
Unit 4	3.72	3.72	170	135
Unit 5	8.77	8.77	375	357
Unit 6	10.22	10.22	460	360
Unit 7	0.00	0.00	0	0
Unit 8	10.23	10.23	470	360
Unit 9	10.36	10.36	475	360
Total	47.27	47.27		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Total	0.00	0.00		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.50	0.50	145	0
Unit 5	10.45	10.45	500	365
Total	10.95	10.95		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	4.18	4.18	195	160
Total	4.18	4.18		
Uran				
All Units	6.71	6.71	298	265
Total	6.71	6.71		
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)	0.15	0.15	24	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.15	0.15		
Koyna				
Stage 1-2	3.18	3.18	300	35
Stage 4	4.51	4.51	596	0
Stage 3	1.42	1.42	80	0
Total	9.12	9.12		
Hydro				
KDPH	0.00	0.00	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.	0.15	0.15	80	0
RNGR+BHTSA	0.39	0.39	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.30	0.30	13	12
GHATGHAR	0.00	0.00	0	0
Total	0.84	0.84		
Wind				
Total	11.35	11.35	0	0
Total	11.35	11.35		
CPP				
APML(Mus)	73.93	73.93	0	0
JSWEL(Mus)	22.75	22.75	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)	12.51	12.51	0	0
Total	109.19	109.19		
SOLAR				
Total	4.31	4.31	0	0
Total	4.31	4.31		
Tata				
Trombay 5	9.73	9.73	478	285
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.63	2.63	116	79
Trombay 7B	1.55	1.55	67	55
Trombay 8	0.10	0.10	99	0
TATA Hydro	1.91	1.91	260	8
Total	15.92	15.92		
AEML				
DTPS U-1&2	10.79	10.79	502	373
Total	10.79	10.79		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	121.00	121.00	MSPGCL Total	137.67	137.67
			MSPGCL Thml+Gas	127.71	127.71	Koyna 1,2 & 4 Total	7.69	7.69
			MSPGCL Hydro	9.96	9.96	State Total	289.23	289.23

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/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	4657	138	288	5083	321	4403	0	0	5336	5417	-1345	13879	0	13879	2239	16118	50.00
2	4632	173	276	5081	424	4395	0	0	5239	5104	-1236	13768	0	13768	2081	15849	49.92
3	4626	73	286	4985	445	4503	0	0	5093	4930	-1111	13752	0	13752	1968	15720	49.93
4	4601	63	288	4952	518	4513	0	0	5003	5025	-1022	13986	0	13986	1878	15864	49.98
5	4920	178	277	5375	515	4481	0	0	5023	5267	-997	14641	0	14641	1854	16495	49.99
6	5213	394	298	5905	611	4523	0	0	5168	5312	-943	15408	0	15408	1905	17313	50.01
7	5259	786	276	6321	616	4513	0	3	5947	5867	-802	16518	0	16518	1941	18459	50.02
8	5176	749	288	6213	626	4509	0	94	6253	6397	-753	17086	0	17086	1980	19066	49.99
9	5282	548	286	6116	620	4512	0	238	6204	6156	-840	16802	0	16802	2071	18873	49.97
10	5323	579	286	6188	549	4512	0	426	6095	6027	-914	16788	0	16788	2202	18990	49.98
11	5309	728	270	6307	571	4711	0	622	6337	6459	-1035	17635	0	17635	2321	19956	50.00
12	5321	726	269	6316	536	4747	0	692	6906	6925	-1169	18047	0	18047	2373	20420	50.01
13	5418	434	276	6128	369	4763	0	676	7048	6896	-1186	17646	0	17646	2357	20003	50.00
14	5509	305	265	6079	288	4770	0	621	6591	6778	-1135	17401	0	17401	2301	19702	50.03
15	5539	409	276	6224	193	4734	0	464	6921	7098	-1128	17585	0	17585	2299	19884	50.04
16	5474	396	266	6136	196	4735	0	326	6970	6854	-1005	17242	0	17242	2293	19535	50.04
17	5274	558	267	6099	232	4749	0	140	6311	6100	-888	16432	0	16432	2253	18685	49.97
18	5194	816	280	6290	330	4749	0	12	5473	5545	-886	16040	0	16040	2260	18300	50.01
19	5140	755	280	6175	382	4771	0	0	5147	5276	-1028	15576	0	15576	2417	17993	50.03
20	5148	337	273	5758	468	4720	0	0	5039	5109	-1060	14995	0	14995	2445	17440	50.00
21	4608	150	282	5040	541	4521	0	0	5079	5015	-1222	13895	0	13895	2411	16306	49.99
22	4457	255	273	4985	639	4116	0	0	5286	5545	-1512	13773	0	13773	2391	16164	50.02
23	4462	240	284	4986	712	4115	0	0	5189	5246	-1545	13514	0	13514	2389	15903	50.02
24	4458	170	298	4926	650	4123	0	0	5220	5177	-1526	13350	0	13350	2367	15717	50.03
MUs	121.00	9.96	6.71	137.67	11.35	109.19	0.00	4.31	138.88	139.52	-26.29	375.76	0.00	375.76	53.00	428.76	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 01/Dec/2019

Position as on 6.30 Hrs of 02/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	
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 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	Paras Unit 4	250	25/08/2019	00.45		Continued.	Annual Overhaul Converted Zero Schedule From 28.10.2019 18.00	
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	
MSPGCL	Nasik Unit 3	210	09/10/2019	23.57		Continued.	Under Case 4 Bidding.	
MSPGCL	Khaparkheda Unit 1	210	12/10/2019	00.11		Continued.	Zero Schedule	
MSPGCL	Khaparkheda Unit 2	210	12/10/2019	00.17		Continued.	Zero Schedule	
MSPGCL	Paras Unit 3	250	23/10/2019	00.00		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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 01/Dec/2019

Position as on 6.30 Hrs of 02/Dec/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Khaparkheda Unit 3	210	27/11/2019	22.53		Continued.	Zero Schedule.	
MSPGCL	Khaparkheda Unit 4	210	29/11/2019	17.45	01/12/2019	19.08	Boiler Tube Leakage	
MSPGCL	Koradi Unit 10	660	29/11/2019	18.11		Continued.	Preheater Jam.	
MSPGCL	Uran Unit 6	108	30/11/2019	02.32	01/12/2019	23.19	Air Filter Replacement.	
MSPGCL	Uran Unit 8	108	30/11/2019	19.14		Continued.	Over Speed Bolt Trip.	
MSPGCL	Parli Unit 7	250	01/12/2019	16.22		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 5	500	02/12/2019	01.26		Continued.	Fire At R PH Bellow.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 01/Dec/2019

Statement-VII

Position as on 6.30 Hrs of 02/Dec/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Tripping							
Chandrapur - Padghe Hvdc Pole 1	IntraState	28/11/2019	11.34	01/12/2019	18.26	PO	Annual Maintenance Work & Diagnostic Testing Work.
400 KV LINE Outages/Tripping							
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	30/11/2019	17.20	02/12/2019	09.53	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	02/12/2019	18.09		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	30/11/2019	19.31	02/12/2019	08.32	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	02/12/2019	01.05	02/12/2019	21.54	HT	Abnormal Sound at CVT.
Chandrapur-Parali III	IntraState	02/12/2019	08.48		Continued.	PO	Scissor replacement of PG Isolator Clamp(RFC 17.19Hrs)
Karad-Jaigad - I	IntraState	02/12/2019	13.07	02/12/2019	14.43	EO	To attend Hot Spot
Khadka-Aurangabad (Waluj)	IntraState	02/12/2019	17.49		Continued.	HT	Over Voltage
400 KV ICT Outages/Tripping							
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 500 Mva Ict-3 @Nagothane	IntraState	01/12/2019	11.55	01/12/2019	16.04	EO	Broken Isolator Replacement Work.
220 KV LINE Outages/Tripping							
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)
Tillari Amona	InterState	01/12/2019	00.01	01/12/2019	16.24	PO	Attending Hot Spot
Boisar Tarapur	InterState	01/12/2019	06.24	01/12/2019	19.41	PO	Construction Work
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Kharghar - Tss Panvel	IntraState	26/11/2019	11.48		Continued.	PO	Construction Work
Topworth - Kharghar	IntraState	26/11/2019	12.11		Continued.	PO	Construction Work
SIEMENS - RELIANCE GIS	IntraState	01/12/2019	08.47	01/12/2019	17.58	PO	OPGW Earth Wire Replacement.
Kharghar-Borivali ckt II	IntraState	01/12/2019	09.28	01/12/2019	18.01	PO	OPGW Earth Wire Replacement.
Nagothane - Ipcl	IntraState	01/12/2019	12.24	01/12/2019	13.01	T	Distance Protection
IPCL - SPCL	IntraState	01/12/2019	12.24	01/12/2019	17.00	T	Distance Protection
Miraj-Ichalkaranji I	IntraState	02/12/2019	08.38	02/12/2019	16.52	PO	String Replacement
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	02/12/2019	09.45	02/12/2019	18.36	PO	Earth Wire Replacement
Peth- Mudshingi -I	IntraState	02/12/2019	09.49	02/12/2019	17.18	PO	Earth Wire Replacement
Gcr Chandrapur - Grace Ltd	IntraState	02/12/2019	10.56	02/12/2019	15.49	PO	Testing Work
Ambazari-Kalmeshwar	IntraState	02/12/2019	12.22	02/12/2019	15.36	EO	To attend Hot Spot
IPCL - SPCL	IntraState	02/12/2019	12.25	02/12/2019	17.13	EO	To attend Hot Spot
220 KV ICT Outages/Tripping							
220/100 Kv 200 MVA ICT IV @Apta	IntraState	30/11/2019	11.25	01/12/2019	11.35	PO	Heavy Oil Leakage
220/100 KV 200MVA ICT II @ Pal	IntraState	02/12/2019	08.56	02/12/2019	18.35	PO	C.B.Overhauling/Oil Leakage

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