

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Dec/2019 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	151.965	1832.396	1) Gujrat	3.951	63.661
2) Hydro	14.184	212.433	2) Madhya Pradesh	11.150	139.285
3) Gas	3.468	103.915	3) Chattisgarh	5.950	95.470
Total MSPGCL	169.617	2148.744	4) Maharashtra	126.500	1659.183
B) 1) APMIL	56.350	1010.156	5) Goa (Amona)	-0.792	-10.010
2) JSWEL	17.109	307.983	Total	146.759	1947.589
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.444	394.473
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	25.131	418.020
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	21.324	407.363
6) Other IPP	13.854	193.868	Include PX	-0.025	94.218
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.444	394.473
C) 1) TPCL Thermal	9.579	135.455	Include PX	11.143	151.868
2) TPCL Hydro	4.544	74.142	Standby	0.000	0.000
3) TPCL Gas	2.257	42.027	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.566	149.803	1) MSEDCL	388.427	5416.737
D) STATE			2) Mumbai Discoms	52.078	819.447
1) Thermal	259.423	3629.661	TOTAL STATE	440.505	6236.184
(A1+C1+C4+(B1-B6))					
2) Hydro	18.728	286.575			
(A2+C2)					
3) Gas	5.725	145.942			
(A3+B7+C3)					
4) Wind	4.124	154.124			
6) SOLAR	5.745	72.293			
TOTAL STATE	293.745	4288.595			

* 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	6388	6412	6789	5782
MSPGCL Hydro	1241	1194	524	89
MSPGCL Gas	144	133	136	150
MSPGCL Total Generation	7773	7739	7449	6021
Central Sector Receipt	7067	6742	6220	5489
WIND	101	132	107	117
CPP / IPP Thermal	4076	4072	3965	2887
CPP / IPP Gas	0	0	0	0
SOLAR	870	881	0	0
Exchange with Mumbai	-1201	-1275	-1204	-850
MSEDCL DEMAND MET	18686	18291	16537	13664
Load Shedding	0	0	0	0
MSEDCL DEMAND	18686	18291	16537	13664
TPCL GENERATION	937	820	923	400
AEML GENERATION	499	500	407	374
MUMBAI DEMAND	2637	2595	2534	1624
STATE DEMAND MET	21323	20886	19071	15288
STATE DEMAND	21323	20886	19071	15288
Frequency (Hz)	50.04	50.04	50.04	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.25 Hz at 06.01 Hrs	49.84 Hz at 07.47 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 14/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	11.11	165.04	480	457
Unit 9	10.60	164.64	500	360
Unit 10	9.51	88.51	496	310
Total	31.21	418.19		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.01	103.88	485	360
Unit 5	9.49	115.12	470	350
Total	19.50	219.00		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.34	77.73	250	190
Unit 7	5.40	54.95	249	187
Unit 8	5.52	61.62	250	199
Total	16.25	194.31		
Chandrapur				
Unit 3	4.21	58.66	190	85
Unit 4	3.64	48.03	166	126
Unit 5	8.74	123.20	375	335
Unit 6	10.34	146.14	475	360
Unit 7	0.00	0.00	0	0
Unit 8	9.64	145.61	440	360
Unit 9	9.74	144.54	446	355
Total	46.30	666.18		
Paras				
Unit 3	4.70	13.70	232	180
Unit 4	4.86	13.32	228	185
Total	9.55	27.02		
Khaparkheda				
Unit 1	3.61	17.84	180	115
Unit 2	3.66	19.24	175	130
Unit 3	3.74	19.86	170	140
Unit 4	3.84	54.98	195	135
Unit 5	10.09	142.13	490	356
Total	24.93	254.04		
Nasik				
Unit 3	4.21	6.91	190	157
Unit 4	0.00	0.00	0	0
Unit 5	0.00	46.76	0	0
Total	4.21	53.67		
Uran				
All Units	3.47	103.92	153	133
Total	3.47	103.92		
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)	0.05	1.41	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.05	1.41		
Koyna				
Stage 1-2	3.48	61.92	435	35
Stage 4	6.36	97.45	760	0
Stage 3	2.73	33.79	240	0
Total	12.57	193.17		
Hydro				
KDPH	0.20	1.24	19	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.	0.31	4.48	80	0
RNGR+BHTSA	0.39	5.25	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.42	4.11	18	17
GHATGHAR	0.29	4.19	125	0
Total	1.62	19.27		
Wind				
Total	4.12	154.12	0	0
Total	4.12	154.12		
CPP				
APML(Mus)	56.35	1010.16	0	0
JSWEL(Mus)	17.11	307.98	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)	13.85	193.87	0	0
Total	87.31	1512.01		
SOLAR				
Total	5.74	72.29	0	0
Total	5.74	72.29		
Tata				
Trombay 5	9.58	135.36	478	294
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.24	24.82	57	50
Trombay 7B	1.01	17.20	45	40
Trombay 8	0.00	0.10	0	0
TATA Hydro	4.54	74.14	427	0
Total	16.38	251.62		
AEML				
DTPS U-1&2	10.57	149.80	501	373
Total	10.57	149.80		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	151.96	1832.40	MSPGCL Total	169.62	2148.74
			MSPGCL Thml+Gas	155.43	1936.31	Koyna 1,2 & 4 Total	9.84	159.37
			MSPGCL Hydro	14.18	212.43	State Total	293.74	4288.60

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/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	5854	274	153	6281	344	2886	0	0	5568	5664	-1154	14021	0	14021	1922	15943	50.01
2	5787	144	139	6070	274	2892	0	0	5617	5541	-1000	13777	0	13777	1773	15550	49.98
3	5792	99	149	6040	183	2885	0	0	5511	5488	-906	13690	0	13690	1678	15368	50.01
4	5782	89	150	6021	117	2887	0	0	5455	5489	-850	13664	0	13664	1624	15288	50.02
5	5990	89	150	6229	116	3210	0	0	5619	5844	-842	14557	0	14557	1615	16172	50.03
6	6403	149	141	6693	109	3618	0	0	6008	6035	-850	15605	0	15605	1705	17310	50.03
7	6574	582	151	7307	115	3675	0	1	6402	6345	-592	16851	0	16851	1809	18660	50.05
8	6531	1428	151	8110	170	3718	0	89	6231	6133	-630	17590	0	17590	1908	19498	50.00
9	6567	1274	150	7991	136	3947	0	335	6166	6234	-732	17911	0	17911	2088	19999	50.00
10	6517	1120	138	7775	143	3973	0	597	6276	6256	-848	17896	0	17896	2343	20239	49.99
11	6428	1267	146	7841	145	3996	0	779	6639	6639	-1065	18335	0	18335	2550	20885	50.02
12	6388	1241	144	7773	101	4076	0	870	7167	7067	-1201	18686	0	18686	2637	21323	50.04
13	6412	1194	133	7739	132	4072	0	881	6877	6742	-1275	18291	0	18291	2595	20886	50.04
14	6527	853	142	7522	105	4062	0	794	6863	6770	-1304	17949	0	17949	2459	20408	50.01
15	6638	877	142	7657	169	4088	0	677	7017	6969	-1282	18278	0	18278	2468	20746	49.97
16	6677	1046	133	7856	131	4058	0	474	6802	6763	-1156	18126	0	18126	2455	20581	50.00
17	6828	793	144	7765	93	4034	0	213	6379	6481	-1013	17573	0	17573	2440	20013	50.01
18	6837	602	145	7584	38	4050	0	35	6008	5825	-1005	16527	0	16527	2445	18972	50.01
19	6789	524	136	7449	107	3965	0	0	5918	6220	-1204	16537	0	16537	2534	19071	50.04
20	6735	231	147	7113	185	3929	0	0	5910	5650	-1200	15677	0	15677	2487	18164	50.00
21	6075	94	147	6316	224	3678	0	0	5594	5754	-1264	14708	0	14708	2353	17061	50.02
22	6024	78	139	6241	286	3409	0	0	5722	5687	-1335	14288	0	14288	2205	16493	50.04
23	5970	68	149	6187	354	3136	0	0	5593	5536	-1278	13935	0	13935	2057	15992	50.03
24	5840	68	149	6057	347	3069	0	0	5615	5627	-1145	13955	0	13955	1927	15882	50.01
MUs	151.96	14.18	3.47	169.62	4.12	87.31	0.00	5.75	146.96	146.76	-25.13	388.43	0.00	388.43	52.08	440.50	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 14/Dec/2019

Position as on 6.30 Hrs of 15/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 14/Dec/2019

Position as on 6.30 Hrs of 15/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		Continued.	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 14/Dec/2019

Statement-VII

Position as on 6.30 Hrs of 15/Dec/2019

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
Dabhol Nagothane I	InterState	12/12/2019	10.43	14/12/2019	18:13	PO	RPH CT Leakage Attend Work. (Replacement of faulty string dt:13/12/2019 at 09:40 hrs.)
Dhule Sar'Sarovar II	InterState	13/12/2019	18.46		Continued.	HT	Over Voltage
Dabhol Nagothane II	InterState	15/12/2019	09.38	15/12/2019	17.02	PO	Construction Work
Padghe - Kalwa- I	IntraState	03/12/2019	09.54		Continued.	PO	Construction Work
Koradi-Bhusawal	IntraState	04/12/2019	08.41	15/12/2019	16.19	PO	Restranging of Conductor
Khadka-Aurangabad (Waluj)	IntraState	15/12/2019	18.51		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	15/12/2019	19.21		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.
400/132 Kv 200 Mva Ict 2 @Khadka	IntraState	14/12/2019	09.16	14/12/2019	19.07	PO	Testing & Bay Maintenance Work.
400/220/33kv, 500 Mva Ict-2 @Khaparkheda	IntraState	14/12/2019	11.42	14/12/2019	13.45	EO	Oil leakage.
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)
Butibori - Khaperkheda	IntraState	13/12/2019	05.03	14/12/2019	12.08	T	Distance Protection
Padghe - Nalasopara	IntraState	13/12/2019	08.31	15/12/2019	21.09	PO	Erection of New Tower.
Kadegaon-Miraj	IntraState	14/12/2019	10.15	14/12/2019	17.06	PO	Disc Insulator Replacement.
Sawantwadi-Bidri	IntraState	14/12/2019	10.20	14/12/2019	14.32	PO	Faulty Insulator Replacement.
Shivajinagar - Malegaon	IntraState	14/12/2019	11.02	14/12/2019	15.00	T	Distance Protection
Ghatghar - Jindal	IntraState	14/12/2019	12.24	14/12/2019	16.56	PO	Bus Jumper Replacement Work.
Dondaicha(220)-Amalner(220)	IntraState	14/12/2019	12.54	14/12/2019	15.24	PO	Jumper Replacement.
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		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 Kv 200 MVA ICT I @Dhule	IntraState	14/12/2019	08.41	14/12/2019	13.01	PO	Routine Maintenance Work & Diagnostic Testing Work.
220kv 200MVA ICT IV @ OCR Nashik	IntraState	14/12/2019	09.15	14/12/2019	15.58	PO	Diagnostic Testing & Bay Maintenance Work.
220/132 KV ICT II @ Kopergaon	IntraState	14/12/2019	11.20	14/12/2019	11.25	PO	Oil Filtration Work.
220/100 Kv 200 Mva Aval Ict 2 @Taloja	IntraState	14/12/2019	14.23	14/12/2019	15.56	EO	Hot Spot Attending LV BPH CT.

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