

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Dec/2019 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	151.379	2293.893	1) Gujrat	5.899	80.892
2) Hydro	7.558	243.237	2) Madhya Pradesh	11.567	171.324
3) Gas	6.474	120.294	3) Chattisgarh	6.750	113.440
Total MSPGCL	165.411	2657.424	4) Maharashtra	109.930	1927.891
B) 1) APLM	69.225	1192.926	5) Goa (Amona)	-0.704	-11.924
2) JSWEL	18.394	359.630	Total	133.442	2281.623
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.100	470.459
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	28.580	494.640
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	23.871	477.915
6) Other IPP	13.980	234.713	Include PX	1.427	98.981
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.100	470.459
C) 1) TPCL Thermal	8.785	163.637	Include PX	10.799	181.742
2) TPCL Hydro	5.557	86.204	Standby	0.000	0.000
3) TPCL Gas	2.842	49.487	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.901	181.082	1) MSEDCL	389.745	6501.723
D) STATE			2) Mumbai Discoms	55.664	975.048
1) Thermal	271.664	4425.881	TOTAL STATE	445.409	7476.771
(A1+C1+C4+(B1-B6))					
2) Hydro	13.115	329.441			
(A2+C2)					
3) Gas	9.316	169.781			
(A3+B7+C3)					
4) Wind	13.467	183.745			
6) SOLAR	4.406	86.302			
TOTAL STATE	311.968	5195.150			

* 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	6843	6858	6306	5882
MSPGCL Hydro	343	294	143	77
MSPGCL Gas	279	276	280	250
MSPGCL Total Generation	7465	7428	6729	6209
Central Sector Receipt	7113	6497	5517	4486
WIND	561	721	589	481
CPP / IPP Thermal	4658	4631	4832	3355
CPP / IPP Gas	0	0	0	0
SOLAR	618	616	0	0
Exchange with Mumbai	-1486	-1602	-1327	-791
MSEDCL DEMAND MET	18929	18291	16340	13740
Load Shedding	0	0	0	0
MSEDCL DEMAND	18929	18291	16340	13740
TPCL GENERATION	928	833	1019	399
AEML GENERATION	466	373	438	373
MUMBAI DEMAND	2880	2808	2784	1563
STATE DEMAND MET	21809	21099	19124	15303
STATE DEMAND	21809	21099	19124	15303
Frequency (Hz)	50.02	50.01	49.98	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 06.02 Hrs	49.73 Hz at 20.33 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 17/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	10.46	196.25	460	415
Unit 9	10.79	198.21	540	370
Unit 10	11.22	119.87	520	407
Total	32.47	514.32		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.29	133.64	435	320
Unit 5	9.41	144.59	470	310
Total	18.70	278.24		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.41	93.82	250	186
Unit 7	5.46	71.25	248	187
Unit 8	4.62	76.80	249	0
Total	15.50	241.86		
Chandrapur				
Unit 3	4.21	71.36	190	154
Unit 4	3.79	59.07	172	123
Unit 5	8.69	148.86	370	350
Unit 6	10.47	177.36	475	364
Unit 7	0.00	0.00	0	0
Unit 8	10.34	176.14	490	360
Unit 9	10.19	175.18	480	360
Total	47.69	807.97		
Paras				
Unit 3	4.38	27.87	240	0
Unit 4	5.10	28.18	240	190
Total	9.47	56.05		
Khaparkheda				
Unit 1	3.96	29.50	185	150
Unit 2	4.18	31.54	190	160
Unit 3	4.13	32.05	190	158
Unit 4	4.21	67.58	195	160
Unit 5	6.83	168.58	450	0
Total	23.32	329.25		
Nasik				
Unit 3	4.23	19.44	200	155
Unit 4	0.00	0.00	0	0
Unit 5	0.00	46.76	0	0
Total	4.23	66.20		
Uran				
All Units	6.47	120.29	301	231
Total	6.47	120.29		
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)	0.00	1.46	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	1.46		
Koyna				
Stage 1-2	2.90	71.08	345	35
Stage 4	2.31	110.40	710	0
Stage 3	1.03	38.41	152	0
Total	6.24	219.88		
Hydro				
KDPH	0.00	1.24	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.39	0.53	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.25	5.14	80	0
RNGR+BHTSA	0.00	6.03	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.30	5.15	13	12
GHATGHAR	0.38	5.27	125	0
Total	1.32	23.35		
Wind				
Total	13.47	183.74	0	0
Total	13.47	183.74		
CPP				
APML(Mus)	69.22	1192.93	0	0
JSWEL(Mus)	18.39	359.63	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)	13.98	234.71	0	0
Total	101.60	1787.27		
SOLAR				
Total	4.41	86.30	0	0
Total	4.41	86.30		
Tata				
Trombay 5	8.78	163.54	478	285
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.60	28.99	72	54
Trombay 7B	1.24	20.50	54	45
Trombay 8	0.00	0.10	0	0
TATA Hydro	5.56	86.20	459	0
Total	17.18	299.33		
AEML				
DTPS U-1&2	9.90	181.08	501	372
Total	9.90	181.08		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	151.38	2293.89	MSPGCL Total	165.41	2657.42
			MSPGCL Thml+Gas	157.85	2414.19	Koyna 1,2 & 4 Total	5.21	181.48
			MSPGCL Hydro	7.56	243.24	State Total	311.97	5195.15

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/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	5848	177	252	6277	567	3398	0	0	4629	4557	-1051	13748	0	13748	1826	15574	50.02
2	5860	47	261	6168	492	3381	0	0	4699	4628	-917	13752	0	13752	1693	15445	49.97
3	5864	92	251	6207	474	3376	0	0	4423	4537	-840	13754	0	13754	1611	15365	49.98
4	5882	77	250	6209	481	3355	0	0	4610	4486	-791	13740	0	13740	1563	15303	49.98
5	6082	52	252	6386	488	3542	0	0	4895	4753	-794	14375	0	14375	1566	15941	50.00
6	6565	47	263	6875	585	3850	0	0	5428	5580	-860	16030	0	16030	1694	17724	50.02
7	6762	374	292	7428	597	4117	0	3	5893	5717	-770	17092	0	17092	1893	18985	50.00
8	6926	748	301	7975	516	4428	0	50	5818	5733	-653	18049	0	18049	2070	20119	50.01
9	6913	1020	290	8223	366	4523	0	223	5601	5753	-844	18244	0	18244	2352	20596	50.03
10	6882	1307	286	8475	379	4600	0	378	5844	5905	-1069	18668	0	18668	2617	21285	50.00
11	6871	873	281	8025	450	4634	0	506	6355	6277	-1258	18634	0	18634	2809	21443	50.02
12	6843	343	279	7465	561	4658	0	618	6912	7113	-1486	18929	0	18929	2880	21809	50.02
13	6858	294	276	7428	721	4631	0	616	6627	6497	-1602	18291	0	18291	2808	21099	50.01
14	6974	190	265	7429	561	4606	0	712	6460	6346	-1589	18065	0	18065	2697	20762	50.03
15	6921	275	275	7471	592	4604	0	605	6572	6476	-1600	18148	0	18148	2723	20871	50.00
16	6858	381	263	7502	609	4564	0	441	6389	6376	-1502	17990	0	17990	2745	20735	49.98
17	6627	438	264	7329	549	4598	0	219	6078	6020	-1498	17217	0	17217	2746	19963	49.95
18	6417	218	277	6912	572	4791	0	35	5668	5554	-1298	16566	0	16566	2747	19313	50.00
19	6306	143	280	6729	589	4832	0	0	5512	5517	-1327	16340	0	16340	2784	19124	49.98
20	6082	70	280	6432	668	4728	0	0	5415	5253	-1405	15676	0	15676	2692	18368	49.99
21	5446	103	273	5822	657	4398	0	0	5053	5222	-1341	14758	0	14758	2523	17281	49.99
22	5143	183	285	5611	636	4157	0	0	5189	5236	-1409	14231	0	14231	2363	16594	50.02
23	5226	48	247	5521	645	4075	0	0	5161	5038	-1407	13872	0	13872	2211	16083	50.02
24	5223	58	231	5512	712	3753	0	0	4897	4868	-1269	13576	0	13576	2052	15628	50.04
MUs	151.38	7.56	6.47	165.41	13.47	101.60	0.00	4.41	134.13	133.44	-28.58	389.74	0.00	389.74	55.66	445.41	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 17/Dec/2019

Position as on 6.30 Hrs of 18/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 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	Uran Unit 7	108	07/12/2019	07:14		Continued.	Gas shortage	
MSPGCL	Uran Unit B0	120	07/12/2019	07:14		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 17/Dec/2019

Position as on 6.30 Hrs of 18/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	17/12/2019	16.14	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)	
MSPGCL	Khaparkheda Unit 5	500	17/12/2019	16.57	18/12/2019	05.21	Boiler Tube Leakage	
MSPGCL	Paras Unit 3	250	17/12/2019	20.27	18/12/2019	03.03	Hotspot on Y-PH of gen T/F.	
MSPGCL	Parli Unit 8	250	17/12/2019	20.49		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 17/Dec/2019

Statement-VII

Position as on 6.30 Hrs of 18/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
Dhule Sar'Sarovar I	InterState	16/12/2019	18.41	17/12/2019	08.18	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	17/12/2019	19.03		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	15/12/2019	18.51	18/12/2019	01.29	HT	Over Voltage
Karad - Jaigad - II	IntraState	16/12/2019	21.29	17/12/2019	09.15	HT	Over Voltage
Koradi-Khaperkheda I	IntraState	17/12/2019	09.47	17/12/2019	16.09	PO	For safety pupose erection of coal pipe conveyer galleries.
Koradi-Khaperkheda li	IntraState	17/12/2019	09.48	17/12/2019	16.14	PO	For safety pupose erection of coal pipe conveyer galleries.
Karad-Jaigad - I	IntraState	17/12/2019	22.08		Continued.	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	17/12/2019	23.49		Continued.	T	Distance Protection
Taptitanda Waluj	IntraState	18/12/2019	00.55		Continued.	T	Distance Protection
Bableshtar- Aurangabad (Waluj)	IntraState	18/12/2019	03.03		Continued.	T	Distance Protection
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.
400/220 Kv 500 Mva ICT- I @Jejuri	IntraState	17/12/2019	11.43	17/12/2019	14.39	PO	Maintainance Work.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Pedambe-Nerle	IntraState	17/12/2019	09.20	17/12/2019	17.33	PO	Insulator Replacement Work
Kalwa - Siemens	IntraState	17/12/2019	09.32	17/12/2019	11.08	T	Distance Protection
Colourchem - Temghar	IntraState	17/12/2019	09.32	17/12/2019	10.38	T	Distance Protection
Raymond - Washala	IntraState	17/12/2019	10.35	17/12/2019	15.00	PO	Maintainance Work.
Koradi-Khaperkheda	IntraState	17/12/2019	10.53	17/12/2019	10.55	HT	Load management.
Karad - Kadegaon	IntraState	17/12/2019	11.36	17/12/2019	13.47	PO	Maintainance Work.
Topworth - Kharghar	IntraState	17/12/2019	11.40	17/12/2019	16.42	PO	Tree cutting work.
Kalmeshwar-Pandhurna	IntraState	17/12/2019	12.18	17/12/2019	17.54	HT	Over Voltage
Kadegaon-Miraj	IntraState	17/12/2019	14.15	17/12/2019	16.00	PO	Tan delta.
Deepnagar Khadaka 2	IntraState	17/12/2019	20.34	17/12/2019	23.33	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 100 Mva Cgl Ict 2 @Tambati	IntraState	17/12/2019	09.30	17/12/2019	16.00	PO	Maintainance Work.
220/100 Kv 100 Mva Emco Ict 1 @Tambati	IntraState	17/12/2019	16.04	17/12/2019	19.45	PO	Maintainance Work.

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