

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 16/Dec/2019 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	155.170	2142.514	1) Gujrat	6.262	74.993
2) Hydro	13.036	235.679	2) Madhya Pradesh	11.398	159.757
3) Gas	6.244	113.820	3) Chattisgarh	5.750	106.690
Total MSPGCL	174.450	2492.013	4) Maharashtra	112.268	1889.475
B) 1) APLM	57.776	1123.701	5) Goa (Amona)	-0.660	-11.220
2) JSWEL	17.236	341.236	Total	135.018	2219.695
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.864	444.359
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	26.990	466.060
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	23.009	454.044
6) Other IPP	13.848	220.733	Include PX	1.427	97.554
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.864	444.359
C) 1) TPCL Thermal	9.582	154.852	Include PX	10.799	170.943
2) TPCL Hydro	4.924	80.647	Standby	0.000	0.000
3) TPCL Gas	2.415	46.645	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.612	171.181	1) MSEDCL	384.711	6183.492
D) STATE			2) Mumbai Discoms	54.523	919.384
1) Thermal	264.224	4154.217	TOTAL STATE	439.234	7102.876
(A1+C1+C4+(B1-B6))					
2) Hydro	17.960	316.326			
(A2+C2)					
3) Gas	8.659	160.465			
(A3+B7+C3)					
4) Wind	8.859	170.278			
6) SOLAR	4.514	81.896			
TOTAL STATE	304.216	4883.182			

* 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 3 Hrs
MSPGCL Thermal	7005	7010	6897	5753
MSPGCL Hydro	911	728	324	66
MSPGCL Gas	279	244	221	290
MSPGCL Total Generation	8195	7982	7442	6109
Central Sector Receipt	6898	6820	5857	4563
WIND	348	251	230	564
CPP / IPP Thermal	4003	4003	4216	2906
CPP / IPP Gas	0	0	0	0
SOLAR	729	697	1	0
Exchange with Mumbai	-1430	-1516	-1242	-779
MSEDCL DEMAND MET	18743	18237	16504	13363
Load Shedding	0	0	0	0
MSEDCL DEMAND	18743	18237	16504	13363
TPCL GENERATION	933	787	972	412
AEML GENERATION	500	499	496	375
MUMBAI DEMAND	2863	2802	2710	1566
STATE DEMAND MET	21606	21039	19214	14929
STATE DEMAND	21606	21039	19214	14929
Frequency (Hz)	50.01	50.01	50.03	50.12

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.32 Hz at 00.00 Hrs	49.66 Hz at 07.13 Hrs	50.01	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 16/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	10.73	185.79	520	380
Unit 9	11.70	187.42	515	450
Unit 10	10.42	108.65	520	320
Total	32.85	481.85		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.86	124.36	500	355
Unit 5	9.98	135.18	500	345
Total	19.83	259.54		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.37	88.41	250	190
Unit 7	5.39	65.78	249	187
Unit 8	5.40	72.17	248	197
Total	16.17	226.36		
Chandrapur				
Unit 3	4.26	67.15	190	163
Unit 4	3.31	55.28	158	117
Unit 5	8.35	140.18	365	335
Unit 6	10.39	166.89	470	361
Unit 7	0.00	0.00	0	0
Unit 8	10.29	165.80	480	360
Unit 9	10.10	164.99	475	360
Total	46.69	760.28		
Paras				
Unit 3	4.44	23.49	210	153
Unit 4	4.54	23.08	210	170
Total	8.98	46.57		
Khaparkheda				
Unit 1	3.80	25.54	175	145
Unit 2	4.20	27.36	190	140
Unit 3	4.24	27.92	195	138
Unit 4	4.33	63.37	195	160
Unit 5	10.00	161.75	500	365
Total	26.57	305.94		
Nasik				
Unit 3	4.08	15.21	192	155
Unit 4	0.00	0.00	0	0
Unit 5	0.00	46.76	0	0
Total	4.08	61.97		
Uran				
All Units	6.24	113.82	302	221
Total	6.24	113.82		
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)	0.01	1.46	13	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.01	1.46		
Koyna				
Stage 1-2	3.66	68.18	475	35
Stage 4	5.75	108.09	753	0
Stage 3	2.16	37.38	286	0
Total	11.58	213.64		
Hydro				
KDPH	0.00	1.24	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.14	0.14	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.25	4.90	80	0
RNGR+BHTSA	0.39	6.03	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.35	4.85	15	14
GHATGHAR	0.33	4.89	125	0
Total	1.46	22.03		
Wind				
Total	8.86	170.28	0	0
Total	8.86	170.28		
CPP				
APML(Mus)	57.78	1123.70	0	0
JSWEL(Mus)	17.24	341.24	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	220.73	0	0
Total	88.86	1685.67		
SOLAR				
Total	4.51	81.90	0	0
Total	4.51	81.90		
Tata				
Trombay 5	9.58	154.75	480	285
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.35	27.38	92	49
Trombay 7B	1.06	19.26	58	40
Trombay 8	0.00	0.10	0	0
TATA Hydro	4.92	80.65	421	0
Total	16.92	282.14		
AEML				
DTPS U-1&2	10.61	171.18	502	374
Total	10.61	171.18		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	155.17	2142.51	MSPGCL Total	174.45	2492.01
			MSPGCL Thml+Gas	161.41	2256.33	Koyna 1,2 & 4 Total	9.41	176.26
			MSPGCL Hydro	13.04	235.68	State Total	304.22	4883.18

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/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	5753	126	299	6178	623	2914	0	0	4531	4637	-972	13380	0	13380	1757	15137	50.12
2	5727	291	290	6308	611	2901	0	0	4414	4584	-854	13550	0	13550	1640	15190	50.08
3	5753	66	290	6109	564	2906	0	0	4573	4563	-779	13363	0	13363	1566	14929	50.12
4	5755	66	302	6123	537	2914	0	0	4422	4573	-732	13415	0	13415	1516	14931	50.14
5	5871	66	291	6228	504	2960	0	0	4694	4914	-730	13876	0	13876	1516	15392	50.05
6	6453	66	290	6809	515	3414	0	0	5441	5343	-839	15242	0	15242	1647	16889	49.94
7	6619	437	290	7346	523	3633	0	12	5802	5674	-725	16463	0	16463	1837	18300	49.92
8	6714	1287	291	8292	308	3689	0	83	5783	5650	-672	17350	0	17350	2018	19368	49.89
9	6752	1514	299	8565	228	3857	0	273	5632	5707	-848	17782	0	17782	2295	20077	50.01
10	6762	1577	286	8625	249	3902	0	493	5724	5849	-1102	18016	0	18016	2578	20594	49.94
11	6942	1173	282	8397	284	3921	0	626	6234	6532	-1310	18450	0	18450	2792	21242	50.00
12	7005	911	279	8195	348	4003	0	729	6722	6898	-1430	18743	0	18743	2863	21606	50.01
13	7010	728	244	7982	251	4003	0	697	7013	6820	-1516	18237	0	18237	2802	21039	50.01
14	6921	782	227	7930	213	3975	0	636	6717	6908	-1493	18169	0	18169	2707	20876	50.02
15	6927	911	231	8069	125	3995	0	519	6867	6741	-1459	17990	0	17990	2724	20714	49.97
16	6864	921	221	8006	132	4008	0	310	6731	6841	-1295	18002	0	18002	2743	20745	49.98
17	6891	754	232	7877	96	3980	0	120	6494	6463	-1251	17285	0	17285	2713	19998	49.94
18	6858	404	222	7484	140	4098	0	15	6123	6037	-1187	16587	0	16587	2677	19264	49.95
19	6897	324	221	7442	230	4216	0	1	5690	5857	-1242	16504	0	16504	2710	19214	50.03
20	6639	214	231	7084	303	4311	0	0	5483	5034	-1327	15405	0	15405	2588	17993	50.05
21	6154	80	222	6456	454	4346	0	0	5187	5035	-1300	14991	0	14991	2435	17426	50.04
22	6016	71	230	6317	530	3849	0	0	5302	5127	-1413	14410	0	14410	2315	16725	50.02
23	5946	76	224	6246	537	3566	0	0	4853	4777	-1300	13826	0	13826	2094	15920	49.99
24	5941	191	250	6382	554	3499	0	0	4427	4454	-1214	13675	0	13675	1990	15665	50.02
MUs	155.17	13.04	6.24	174.45	8.86	88.86	0.00	4.51	134.86	135.02	-26.99	384.71	0.00	384.71	54.52	439.23	50.01

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 16/Dec/2019

Position as on 6.30 Hrs of 17/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 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 16/Dec/2019

Position as on 6.30 Hrs of 17/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)	
IPP	Adani U-5	660	13/12/2019	20.01	16/12/2019	17.11	Due to APH Bellow Oil Leakage.	
MSPGCL	Khaparkheda Unit 5	500	17/12/2019	16.57		Continued.	Boiler Tube Leakage	
MSPGCL	Paras Unit 3	250	17/12/2019	20.27		Continued.	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 16/Dec/2019

Statement-VII

Position as on 6.30 Hrs of 17/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
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
Padghe - Kalwa- I	IntraState	03/12/2019	09.54	16/12/2019	19.27	PO	Construction Work
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	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
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
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.(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)
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
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							

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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Dec/2019

Statement-VII

Position as on 6.30 Hrs of 17/Dec/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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
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.