

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Dec/2019 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	134.296	3101.993	1) Gujrat	5.488	106.668
2) Hydro	17.510	334.470	2) Madhya Pradesh	10.853	242.471
3) Gas	5.574	154.816	3) Chattisgarh	6.610	154.420
Total MSPGCL	157.380	3591.279	4) Maharashtra	128.008	2708.651
B) 1) APMIL	59.415	1590.258	5) Goa (Amona)	-0.814	-15.884
2) JSWEL	23.647	503.095	Total	150.145	3196.326
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.533	620.564
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	29.254	658.552
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	29.468	622.065
6) Other IPP	14.179	319.711	Include PX	7.237	115.140
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.533	620.564
C) 1) TPCL Thermal	9.807	221.827	Include PX	11.602	245.076
2) TPCL Hydro	5.037	113.286	Standby	0.000	0.000
3) TPCL Gas	2.564	64.321	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.802	245.200	1) MSEDCL	390.204	8899.367
D) STATE			2) Mumbai Discoms	57.464	1303.186
1) Thermal	252.146	5982.084	TOTAL STATE	447.668	10202.553
(A1+C1+C4+(B1-B6))					
2) Hydro	22.547	447.756			
(A2+C2)					
3) Gas	8.138	219.137			
(A3+B7+C3)					
4) Wind	9.893	240.217			
6) SOLAR	4.799	117.033			
TOTAL STATE	297.523	7006.227			

* 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	5778	5750	5719	5024
MSPGCL Hydro	1386	1149	1064	78
MSPGCL Gas	286	239	222	209
MSPGCL Total Generation	7450	7138	7005	5311
Central Sector Receipt	7477	7596	5954	5166
WIND	419	272	241	391
CPP / IPP Thermal	4307	4311	4351	3461
CPP / IPP Gas	0	0	0	0
SOLAR	736	796	3	0
Exchange with Mumbai	-1491	-1486	-1350	-900
MSEDCL DEMAND MET	18898	18627	16204	13429
Load Shedding	0	0	0	0
MSEDCL DEMAND	18898	18627	16204	13429
TPCL GENERATION	1002	947	978	413
AEML GENERATION	500	500	500	374
MUMBAI DEMAND	2993	2933	2828	1687
STATE DEMAND MET	21891	21560	19032	15116
STATE DEMAND	21891	21560	19032	15116
Frequency (Hz)	49.96	49.96	49.99	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 06.01 Hrs	49.75 Hz at 10.47 Hrs	49.98	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 23/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	11.48	258.56	562	380
Unit 9	10.62	262.36	470	390
Unit 10	0.00	161.26	0	0
Total	22.10	682.17		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	2.52	140.98	355	0
Unit 5	8.61	200.48	440	0
Total	11.13	341.46		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.46	124.89	250	190
Unit 7	2.26	100.38	242	0
Unit 8	5.30	92.82	250	194
Total	13.03	318.09		
Chandrapur				
Unit 3	4.29	97.17	187	163
Unit 4	2.46	81.14	168	0
Unit 5	8.59	200.84	365	348
Unit 6	10.56	211.24	470	360
Unit 7	0.00	0.00	0	0
Unit 8	10.72	239.15	475	370
Unit 9	10.74	237.40	475	360
Total	47.36	1066.94		
Paras				
Unit 3	5.17	57.09	245	187
Unit 4	5.00	58.25	240	191
Total	10.17	115.34		
Khaparkheda				
Unit 1	4.09	53.43	185	155
Unit 2	4.22	56.92	190	160
Unit 3	4.17	57.40	195	158
Unit 4	4.27	93.13	195	160
Unit 5	9.55	225.34	480	260
Total	26.30	486.22		
Nasik				
Unit 3	4.22	45.02	191	156
Unit 4	0.00	0.00	0	0
Unit 5	0.00	46.76	0	0
Total	4.22	91.78		
Uran				
All Units	5.57	154.82	302	209
Total	5.57	154.82		
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)	0.05	1.71	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.05	1.71		
Koyna				
Stage 1-2	3.24	94.36	400	35
Stage 4	9.32	152.21	945	0
Stage 3	2.74	52.22	320	0
Total	15.30	298.80		
Hydro				
KDPH	0.43	1.85	18	18
VTRNA	0.00	0.00	0	0
TILLARI	0.48	3.32	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.21	6.77	80	0
RNGR+BHTSA	0.37	8.65	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.22	6.62	10	9
GHATGHAR	0.50	8.46	125	0
Total	2.21	35.67		
Wind				
Total	9.89	240.22	0	0
Total	9.89	240.22		
CPP				
APML(Mus)	59.42	1590.26	0	0
JSWEL(Mus)	23.65	503.10	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)	14.18	319.71	0	0
Total	97.24	2413.06		
SOLAR				
Total	4.80	117.03	0	0
Total	4.80	117.03		
Tata				
Trombay 5	9.81	221.73	482	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.42	37.18	61	55
Trombay 7B	1.15	27.14	49	45
Trombay 8	0.00	0.10	0	0
TATA Hydro	5.04	113.29	454	53
Total	17.41	399.43		
AEML				
DTPS U-1&2	10.80	245.20	501	373
Total	10.80	245.20		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	134.30	3101.99	MSPGCL Total	157.38	3591.28
			MSPGCL Thml+Gas	139.87	3256.81	Koyna 1,2 & 4 Total	12.56	246.57
			MSPGCL Hydro	17.51	334.47	State Total	297.52	7006.23

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/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	5070	79	211	5360	481	3511	0	0	5318	5522	-1127	13747	0	13747	1911	15658	50.04
2	5013	78	220	5311	417	3526	0	0	5248	5315	-982	13587	0	13587	1769	15356	50.04
3	5024	78	209	5311	391	3461	0	0	5158	5166	-900	13429	0	13429	1687	15116	50.03
4	5055	158	219	5432	351	3443	0	0	5108	5279	-837	13668	0	13668	1626	15294	49.97
5	5245	78	210	5533	384	3564	0	0	5327	5508	-840	14149	0	14149	1628	15777	50.02
6	5600	78	219	5897	438	3735	0	0	6050	6040	-914	15196	0	15196	1741	16937	50.02
7	5896	249	222	6367	533	3958	0	3	6635	6668	-783	16746	0	16746	1891	18637	50.01
8	5923	1086	244	7253	648	4135	0	62	6609	6606	-796	17908	0	17908	2073	19981	49.99
9	5916	1277	296	7489	644	4272	0	211	6634	6442	-972	18086	0	18086	2387	20473	49.98
10	5974	1165	302	7441	626	4261	0	394	6859	6970	-1198	18494	0	18494	2714	21208	49.98
11	5920	1213	279	7412	486	4262	0	604	7269	7063	-1367	18460	0	18460	2913	21373	49.91
12	5778	1386	286	7450	419	4307	0	736	7638	7477	-1491	18898	0	18898	2993	21891	49.96
13	5750	1149	239	7138	272	4311	0	796	7468	7596	-1486	18627	0	18627	2933	21560	49.96
14	5697	1277	226	7200	186	4328	0	719	7473	7434	-1574	18293	0	18293	2806	21099	49.98
15	5841	1307	211	7359	154	4340	0	636	7490	7576	-1466	18599	0	18599	2825	21424	49.96
16	5852	1477	223	7552	136	4337	0	421	7295	7220	-1365	18301	0	18301	2832	21133	50.00
17	5680	1443	222	7345	98	4331	0	187	6769	6914	-1331	17544	0	17544	2842	20386	49.93
18	5662	1748	212	7622	133	4344	0	27	5893	5994	-1330	16790	0	16790	2823	19613	49.99
19	5719	1064	222	7005	241	4351	0	3	5747	5954	-1350	16204	0	16204	2828	19032	49.99
20	5989	650	213	6852	348	4353	0	0	5666	5618	-1248	15923	0	15923	2724	18647	50.01
21	5704	114	221	6039	533	4253	0	0	5443	5444	-1426	14843	0	14843	2608	17451	49.92
22	5602	142	223	5967	630	3959	0	0	5503	5504	-1566	14494	0	14494	2415	16909	49.98
23	5237	132	222	5591	703	3928	0	0	5487	5471	-1509	14184	0	14184	2303	16487	49.98
24	5149	82	223	5454	641	3971	0	0	5433	5364	-1396	14034	0	14034	2192	16226	49.98
MUs	134.30	17.51	5.57	157.38	9.89	97.24	0.00	4.80	149.52	150.14	-29.25	390.20	0.00	390.20	57.46	447.67	49.98

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 23/Dec/2019

Position as on 6.30 Hrs of 24/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 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 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	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	Bhusawal Unit 4	500	18/12/2019	12.05	23/12/2019	14.01	Zero Schedule	
MSPGCL	Uran Unit 5	108	18/12/2019	13.01		Continued.	Turbine bearing Vibration	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 23/Dec/2019

Position as on 6.30 Hrs of 24/Dec/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							high	
IPP	Adani U-4	660	21/12/2019	13.34		Continued.	Hot PA Bellow Leakage.	
MSPGCL	Koradi Unit 10	660	21/12/2019	16.57		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 7	250	23/12/2019	10.47	24/12/2019	06.29	Main Steam Line Leakage	
MSPGCL	Chandrapur Unit 4	210	23/12/2019	15.39		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 5	500	23/12/2019	22.05		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Dec/2019

Statement-VII

Position as on 6.30 Hrs of 24/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	22/12/2019	16.57	23/12/2019	06.35	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	23/12/2019	19.30	24/12/2019	05.40	HT	Over Voltage
Akola - Bhusawal	IntraState	18/12/2019	19.00		Continued.	PO	Restranging for Railway 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 (Girwali)	IntraState	10/12/2019	10.27	23/12/2019	14.11	PO	For Replacment Of Y-PH UNIT By Overhauled Unit.
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	20/12/2019	13.56	23/12/2019	22.47	T	NDR Protection Operated.
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)
WARDHA WARDHA (PG) (DEOLI)	InterState	23/12/2019	11.00	23/12/2019	19.35	PO	Impedence Kit Demostration work
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
Boisar II - Boisar PG II	IntraState	22/12/2019	06.48	23/12/2019	10.37	PO	Cut Point Formation Work.
Nalasopara-Boisar	IntraState	22/12/2019	07.00	23/12/2019	16.46	HT	Cut Point Formation Work.
Koradi-Ambazari-Ii	IntraState	23/12/2019	09.09	23/12/2019	19.37	PO	Dismantling of CB Poles with the help of Crane
Tilawani-Talandge-I	IntraState	23/12/2019	09.30	23/12/2019	16.18	PO	Quarterly Maintenance Work
TALANDGE TILWANI CKT-II	IntraState	23/12/2019	09.30	23/12/2019	16.20	PO	Quarterly Maintenance Work
Peth- Mudshingi -I	IntraState	23/12/2019	09.32	23/12/2019	19.45	PO	Earthwire Replacement work
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	23/12/2019	09.35	23/12/2019	19.50	PO	Earthwire Replacement work
Miraj - Tilwani	IntraState	23/12/2019	09.37	23/12/2019	13.05	PO	Quarterly Maintainance Work
Pophali - New Koyna	IntraState	23/12/2019	10.44	23/12/2019	13.52	PO	For Black Start Trial
Khaparkheda-Kalmeshwar	IntraState	23/12/2019	14.12	23/12/2019	15.06	T	Distance Protection
Deepnagar Bambhori	IntraState	23/12/2019	14.18	23/12/2019	17.50	PO	Y phase CT to line side Jumper replacement
220 KV ICT Outages/Trippings							
220/132 Kv 200mva Vijay Ict 2 @Jalna	IntraState	20/12/2019	10.55		Continued.	PO	Overhauling servicing Of OLTC OF ICT & Testing/Routine Maintenance Work.
220/110kv 100MVA ICT-II@ Wathar	IntraState	23/12/2019	10.50	23/12/2019	16.06	PO	Routine Maintenance Work

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