

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Jan/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	122.973	122.973	1) Gujrat	4.517	4.517
2) Hydro	5.215	5.215	2) Madhya Pradesh	12.229	12.229
3) Gas	5.566	5.566	3) Chattisgarh	6.490	6.490
Total MSPGCL	133.754	133.754	4) Maharashtra	100.104	100.104
B) 1) APMIL	63.786	63.786	5) Goa (Amona)	-0.594	-0.594
2) JSWEL	22.277	22.277	Total	122.746	122.746
3) VIPL	0.000	0.000	a) Mumbai Schedule	16.212	16.212
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	19.424	19.424
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	23.833	23.833
6) Other IPP	14.440	14.440	Include PX	0.008	0.008
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	16.212	16.212
C) 1) TPCL Thermal	11.923	11.923	Include PX	5.869	5.869
2) TPCL Hydro	1.755	1.755	Standby	0.000	0.000
3) TPCL Gas	2.558	2.558	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.946	8.946	1) MSEDCL	350.834	350.834
D) STATE			2) Mumbai Discoms	44.606	44.606
1) Thermal	244.345	244.345	TOTAL STATE	395.440	395.440
(A1+C1+C4+(B1-B6))					
2) Hydro	6.970	6.970			
(A2+C2)					
3) Gas	8.124	8.124			
(A3+B7+C3)					
4) Wind	8.702	8.702			
6) SOLAR	4.553	4.553			
TOTAL STATE	272.694	272.694			

* 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	5533	5459	5082	4814
MSPGCL Hydro	602	386	202	78
MSPGCL Gas	283	234	222	204
MSPGCL Total Generation	6418	6078	5506	5096
Central Sector Receipt	6292	6047	5864	3599
WIND	436	377	284	205
CPP / IPP Thermal	4804	4695	4225	3776
CPP / IPP Gas	0	0	0	0
SOLAR	597	774	1	0
Exchange with Mumbai	-1113	-1114	-1042	-488
MSEDCL DEMAND MET	17434	16858	14838	12188
Load Shedding	0	0	0	0
MSEDCL DEMAND	17434	16858	14838	12188
TPCL GENERATION	771	744	761	558
AEML GENERATION	374	373	373	373
MUMBAI DEMAND	2258	2231	2176	1419
STATE DEMAND MET	19692	19088	17014	13606
STATE DEMAND	19692	19088	17014	13606
Frequency (Hz)	49.99	49.97	50.03	50.06

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.27 Hz at 17.02 Hrs	49.78 Hz at 04.47 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/Jan/2020

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	12.04	12.04	581	445
Unit 9	10.85	10.85	485	415
Unit 10	12.00	12.00	550	460
Total	34.88	34.88		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.81	4.81	235	190
Unit 7	4.81	4.81	234	191
Unit 8	5.13	5.13	250	198
Total	14.76	14.76		
Chandrapur				
Unit 3	4.19	4.19	190	163
Unit 4	3.95	3.95	172	158
Unit 5	8.74	8.74	370	360
Unit 6	9.82	9.82	470	349
Unit 7	0.00	0.00	0	0
Unit 8	10.54	10.54	500	360
Unit 9	10.00	10.00	480	360
Total	47.24	47.24		
Paras				
Unit 3	5.02	5.02	253	190
Unit 4	5.03	5.03	252	190
Total	10.05	10.05		
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	3.22	3.22	187	0
Unit 5	8.90	8.90	410	360
Total	12.12	12.12		
Nasik				
Unit 3	3.92	3.92	165	162
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	3.92	3.92		
Uran				
All Units	5.57	5.57	304	202
Total	5.57	5.57		
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)	0.06	0.06	36	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	0.06		
Koyna				
Stage 1-2	2.28	2.28	305	35
Stage 4	0.20	0.20	115	0
Stage 3	0.66	0.66	80	0
Total	3.15	3.15		
Hydro				
KDPH	0.44	0.44	19	19
VTRNA	0.00	0.00	0	0
TILLARI	0.42	0.42	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.13	0.13	80	0
RNGR+BHTSA	0.33	0.33	14	13
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.05	0.05	10	0
SMLHY_PTN	0.11	0.11	14	1
GHATGHAR	0.59	0.59	125	0
Total	2.07	2.07		
Wind				
Total	8.70	8.70	0	0
Total	8.70	8.70		
CPP				
APML(Mus)	63.79	63.79	0	0
JSWEL(Mus)	22.28	22.28	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)	14.44	14.44	0	0
Total	100.50	100.50		
SOLAR				
Total	4.55	4.55	0	0
Total	4.55	4.55		
Tata				
Trombay 5	7.26	7.26	317	270
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.42	1.42	63	55
Trombay 7B	1.13	1.13	51	44
Trombay 8	4.66	4.66	199	181
TATA Hydro	1.76	1.76	202	0
Total	16.24	16.24		
AEML				
DTPS U-1&2	8.95	8.95	374	372
Total	8.95	8.95		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	122.97	122.97	MSPGCL Total	133.75	133.75
			MSPGCL Thml+Gas	128.54	128.54	Koyna 1,2 & 4 Total	2.49	2.49
			MSPGCL Hydro	5.22	5.22	State Total	272.69	272.69

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/Jan/2020

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	4805	82	213	5100	141	3774	0	0	3963	3918	-603	12330	0	12330	1589	13918	50.01
2	4799	76	213	5088	151	3784	0	0	3909	3649	-506	12166	0	12166	1491	13658	50.02
3	4814	78	204	5096	205	3776	0	0	3445	3599	-488	12188	0	12188	1419	13606	50.06
4	4813	76	211	5100	202	3774	0	0	3476	3642	-448	12270	0	12270	1371	13642	50.05
5	4814	82	210	5106	196	3769	0	0	4094	4073	-432	12712	0	12712	1358	14070	49.94
6	5159	68	211	5438	316	3893	0	0	4875	4655	-510	13792	0	13792	1435	15226	50.02
7	5634	68	202	5904	468	4348	0	3	5494	4828	-561	14990	0	14990	1517	16508	50.04
8	5356	434	224	6014	541	4445	0	40	5294	5358	-650	15748	0	15748	1624	17372	49.95
9	5530	340	281	6150	552	4826	0	151	5418	5133	-791	16022	0	16022	1815	17836	49.99
10	5535	240	304	6078	535	4829	0	306	5473	5551	-948	16352	0	16352	2019	18370	49.92
11	5541	430	291	6262	467	4812	0	444	5916	6102	-1076	17010	0	17010	2172	19182	49.98
12	5533	602	283	6418	436	4804	0	597	6325	6292	-1113	17434	0	17434	2258	19692	49.99
13	5459	386	234	6078	377	4695	0	774	6148	6047	-1114	16858	0	16858	2231	19088	49.97
14	5308	502	222	6032	496	4269	0	806	6064	5803	-1020	16386	0	16386	2117	18502	49.99
15	5303	374	223	5900	513	4296	0	654	6199	6466	-991	16838	0	16838	2089	18928	50.02
16	5382	190	232	5804	471	4399	0	495	6123	6169	-974	16364	0	16364	2073	18438	50.01
17	5254	152	222	5628	345	4325	0	241	5709	5878	-962	15454	0	15454	2063	17518	50.01
18	5096	198	233	5526	220	4220	0	41	5567	5742	-976	14774	0	14774	2079	16852	50.03
19	5082	202	222	5506	284	4225	0	1	5522	5864	-1042	14838	0	14838	2176	17014	50.03
20	4953	242	222	5416	269	4197	0	0	5632	5484	-1001	14366	0	14366	2163	16528	50.04
21	4713	142	232	5086	405	3854	0	0	5416	5312	-901	13756	0	13756	2085	15842	49.97
22	4697	74	222	4994	405	3732	0	0	4978	4732	-898	12964	0	12964	1967	14932	49.97
23	4694	110	233	5036	347	3729	0	0	4276	4314	-772	12654	0	12654	1824	14478	50.01
24	4699	70	222	4990	360	3728	0	0	4110	4135	-647	12566	0	12566	1671	14238	50.06
MUs	122.97	5.22	5.57	133.75	8.70	100.50	0.00	4.55	123.43	122.75	-19.42	350.83	0.00	350.83	44.61	395.44	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/Jan/2020

Position as on 6.30 Hrs of 02/Jan/2020

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	
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	
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 5	500	23/12/2019	22.05		Continued.	Boiler Tube Leakage(Converted to Zero Schedule from 22.00Hrs DT. 26-12-2019)	
MSPGCL	Uran Unit B0	120	28/12/2019	22:48		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 01/Jan/2020

Position as on 6.30 Hrs of 02/Jan/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 7	108	28/12/2019	22:48		Continued.	Gas shortage	
MSPGCL	Bhusawal Unit 4	500	29/12/2019	00.57		Continued.	Zero Schedule	
MSPGCL	Khaparkheda Unit 1	210	31/12/2019	03.35		Continued.	Boiler Tube Leakage(Converted to Zero Schedule from (10.25hrs DT. 01-01-2020)	
MSPGCL	Khaparkheda Unit 2	210	31/12/2019	16.53		Continued.	Zero Schedule.	
MSPGCL	Khaparkheda Unit 3	210	31/12/2019	17.33		Continued.	Zero Schedule.	
MSPGCL	Khaparkheda Unit 4	210	01/01/2020	19.58		Continued.	Zero Schedule	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Jan/2020

Statement-VII

Position as on 6.30 Hrs of 02/Jan/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	01/01/2020	10.16	01/01/2020	21.58	PO	Converter T/F Buz Alarm Rectification 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	31/12/2019	18.04	01/01/2020	09.04	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	01/01/2020	17.16		Continued.	HT	Over Voltage
Padghe - Kalwa-II	IntraState	25/12/2019	10.31		Continued.	PO	MMRDA Shifting/Height Raising Construction Work
Khadka-Aurangabad (Waluj)	IntraState	31/12/2019	18.00		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	31/12/2019	21.07		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	31/12/2019	23.27	01/01/2020	13.17	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	02/01/2020	01.17		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- 2 @Nagothane	IntraState	01/01/2020	12.45	01/01/2020	16.15	PO	Attending 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)
Khaparkheda-Butibori 3	InterState	01/01/2020	09.22	01/01/2020	16.35	PO	Coal pipe Conveyor Galleries erection work
Solapur(PG)- Jeur	InterState	01/01/2020	11.07	01/01/2020	15.37	EO	To attend Hot Spot
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
MAHAPE - RELIANCE GIS	IntraState	28/12/2019	18.27		Continued.	HT	At Mahape End For New Configuration.
Paras-Balapur Iv	IntraState	30/12/2019	09.25		Continued.	HT	In View of Dist Relay Faulty Declared By Testing Unit.
Baramati- Kalyani	IntraState	31/12/2019	09.20		Continued.	PO	Diversion of 220KV Lines Emanating From Baramati s/s Through Underground Cable.
Miraj-Ichalkaranji I	IntraState	31/12/2019	15.18	01/01/2020	17.00	PO	Safety Purpose For Construction of CKT-2.(Tripped on SOTF While Taken s/s at 20.10hrs)
Koradi-Ambazari-I	IntraState	31/12/2019	20.57	01/01/2020	00.37	PO	R Phase Current Found Zero.
Bableshwar -Bhenda	IntraState	01/01/2020	07.09	01/01/2020	13.33	T	Distance Protection
Raymond - Washala	IntraState	01/01/2020	09.11	01/01/2020	18.25	PO	Replacement of Old Disc Insulator
Lamboti - Solapur li(Bale) Ckt- I	IntraState	01/01/2020	10.12	01/01/2020	12.13	PO	Quarterly Maintenance Work
Koradi-Ambazari-li	IntraState	01/01/2020	12.25	01/01/2020	15.31	PO	Replacement of faulty NT Switch
Ranjangaon-Lonikand	IntraState	01/01/2020	15.20		Continued.	T	R phase LA Blast at Ranjangaon
220 KV ICT Outages/Trippings							
100 MVA T/F I @ Oglewadi	IntraState	01/01/2020	12.01	01/01/2020	15.35	PO	Replacement of HV side R Phase LA

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