

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 02/Jan/2020 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	120.881	243.854	1) Gujrat	4.065	8.582
2) Hydro	7.662	12.877	2) Madhya Pradesh	13.368	25.597
3) Gas	6.029	11.595	3) Chattisgarh	7.490	13.980
Total MSPGCL	134.572	268.326	4) Maharashtra	104.264	204.368
B) 1) APLM	68.565	132.351	5) Goa (Amona)	-0.748	-1.342
2) JSWEL	23.279	45.556	Total	128.439	251.185
3) VIPL	0.000	0.000	a) Mumbai Schedule	15.257	31.717
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	19.344	38.768
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	22.282	45.939
6) Other IPP	14.509	28.949	Include PX	-0.124	-0.116
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	15.257	31.717
C) 1) TPCL Thermal	13.463	25.386	Include PX	6.223	12.092
2) TPCL Hydro	3.963	5.718	Standby	0.000	0.000
3) TPCL Gas	2.585	5.143	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.775	18.721	1) MSEDCL	362.010	712.844
D) STATE			2) Mumbai Discoms	49.128	93.734
1) Thermal	250.472	494.817	TOTAL STATE	411.138	806.578
(A1+C1+C4+(B1-B6))					
2) Hydro	11.625	18.595			
(A2+C2)					
3) Gas	8.614	16.738			
(A3+B7+C3)					
4) Wind	7.410	16.112			
6) SOLAR	4.580	9.133			
TOTAL STATE	282.701	555.395			

* 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	5464	5420	5211	4631
MSPGCL Hydro	664	424	429	86
MSPGCL Gas	286	251	280	221
MSPGCL Total Generation	6414	6095	5920	4938
Central Sector Receipt	6506	6373	5622	3763
WIND	187	230	429	197
CPP / IPP Thermal	4917	4784	4791	3750
CPP / IPP Gas	0	0	0	0
SOLAR	714	763	0	0
Exchange with Mumbai	-974	-919	-1126	-404
MSEDCL DEMAND MET	17764	17326	15636	12244
Load Shedding	0	0	0	0
MSEDCL DEMAND	17764	17326	15636	12244
TPCL GENERATION	1129	1121	955	580
AEML GENERATION	501	500	373	373
MUMBAI DEMAND	2604	2540	2454	1357
STATE DEMAND MET	20368	19866	18090	13602
STATE DEMAND	20368	19866	18090	13602
Frequency (Hz)	50.00	49.90	50.02	50.06

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 00:00 Hrs	49.75 Hz at 16:19 Hrs	49.99	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 02/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	11.20	23.24	520	405
Unit 9	11.62	22.46	552	395
Unit 10	11.76	23.76	530	460
Total	34.58	69.46		
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	4.60	9.41	250	0
Unit 7	5.20	10.01	248	187
Unit 8	5.29	10.42	248	189
Total	15.09	29.84		
Chandrapur				
Unit 3	4.14	8.33	188	163
Unit 4	4.02	7.97	175	160
Unit 5	8.56	17.31	365	350
Unit 6	10.29	20.11	480	360
Unit 7	0.00	0.00	0	0
Unit 8	9.99	20.53	480	360
Unit 9	9.94	19.94	460	360
Total	46.94	94.18		
Paras				
Unit 3	5.47	10.49	258	194
Unit 4	5.41	10.44	252	190
Total	10.88	20.93		
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	0.00	3.22	0	0
Unit 5	9.41	18.32	450	360
Total	9.41	21.53		
Nasik				
Unit 3	3.98	7.91	191	155
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	3.98	7.91		
Uran				
All Units	6.03	11.60	303	221
Total	6.03	11.60		
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)	0.07	0.13	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.07	0.13		
Koyna				
Stage 1-2	3.17	5.46	305	35
Stage 4	0.71	0.92	250	0
Stage 3	1.40	2.06	158	0
Total	5.28	8.43		
Hydro				
KDPH	0.24	0.68	19	0
VTRNA	0.00	0.00	0	0
TILLARI	0.48	0.90	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	0.23	50	0
RNGR+BHTSA	0.31	0.64	16	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.05	0	0
SMLHY_PTN	0.47	0.58	31	16
GHATGHAR	0.78	1.37	125	0
Total	2.38	4.45		
Wind				
Total	7.41	16.11	0	0
Total	7.41	16.11		
CPP				
APML(Mus)	68.56	132.35	0	0
JSWEL(Mus)	23.28	45.56	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)	14.51	28.95	0	0
Total	106.35	206.86		
SOLAR				
Total	4.58	9.13	0	0
Total	4.58	9.13		
Tata				
Trombay 5	8.48	15.75	479	269
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.44	2.86	62	58
Trombay 7B	1.15	2.28	50	46
Trombay 8	4.98	9.64	237	185
TATA Hydro	3.96	5.72	343	0
Total	20.01	36.25		
AEML				
DTPS U-1&2	9.78	18.72	502	373
Total	9.78	18.72		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	120.88	243.85	MSPGCL Total	134.57	268.33
			MSPGCL Thml+Gas	126.91	255.45	Koyna 1,2 & 4 Total	3.88	6.37
			MSPGCL Hydro	7.66	12.88	State Total	282.70	555.40

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 02/Jan/2020

Annexure-2

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	4648	92	223	4962	293	3762	0	0	4009	3891	-544	12364	0	12364	1524	13888	50.07
2	4630	86	222	4938	234	3751	0	0	3667	3731	-432	12222	0	12222	1412	13634	50.05
3	4631	86	221	4938	197	3750	0	0	3558	3763	-404	12244	0	12244	1357	13602	50.06
4	4622	162	233	5016	174	3755	0	0	3779	3774	-376	12344	0	12344	1318	13662	50.04
5	4631	116	222	4970	148	3761	0	0	4051	4272	-406	12744	0	12744	1347	14092	50.03
6	4755	212	223	5190	154	3955	0	0	4921	5228	-541	13986	0	13986	1481	15466	49.97
7	5397	242	248	5886	132	4470	0	0	5775	5581	-684	15386	0	15386	1651	17037	50.00
8	5377	542	293	6212	112	4784	0	45	5838	5807	-564	16396	0	16396	1852	18248	49.91
9	5374	776	303	6452	97	4997	0	172	5671	5541	-675	16584	0	16584	2126	18710	49.94
10	5407	848	290	6544	90	5038	0	335	5858	5599	-816	16790	0	16790	2401	19192	49.94
11	5433	582	289	6304	138	5047	0	580	6313	6258	-950	17378	0	17378	2575	19952	49.97
12	5464	664	286	6414	187	4917	0	714	6611	6506	-974	17764	0	17764	2604	20368	50.00
13	5420	424	251	6095	230	4784	0	763	6617	6373	-919	17326	0	17326	2540	19866	49.90
14	5261	349	231	5841	307	4739	0	740	6551	6385	-982	17030	0	17030	2402	19432	49.97
15	5361	437	222	6020	407	4754	0	592	6558	6512	-1136	17149	0	17149	2400	19549	49.97
16	5403	332	221	5956	434	4774	0	428	6626	6433	-1125	16900	0	16900	2405	19305	49.93
17	5386	355	231	5972	399	4789	0	176	6075	5953	-998	16291	0	16291	2436	18727	49.89
18	5255	255	223	5733	356	4803	0	35	5691	5800	-1062	15665	0	15665	2419	18084	50.01
19	5211	429	280	5920	429	4791	0	0	5540	5622	-1126	15636	0	15636	2454	18090	50.02
20	5063	302	287	5652	549	4719	0	0	5365	5207	-1118	15009	0	15009	2394	17403	50.01
21	4625	151	287	5063	719	4245	0	0	5373	5309	-1008	14328	0	14328	2264	16592	49.95
22	4584	89	285	4958	540	4112	0	0	5069	5014	-931	13693	0	13693	2102	15795	50.01
23	4455	66	235	4756	598	4093	0	0	5043	4930	-863	13514	0	13514	1929	15443	49.99
24	4488	66	223	4777	486	3763	0	0	5011	4949	-710	13265	0	13265	1737	15002	50.01
MUs	120.88	7.66	6.03	134.57	7.41	106.35	0.00	4.58	129.57	128.44	-19.34	362.01	0.00	362.01	49.13	411.14	49.99

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 02/Jan/2020

Position as on 6.30 Hrs of 03/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 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 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 02/Jan/2020

Position as on 6.30 Hrs of 03/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 By MSEDCL	
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 By MSEDCL	
MSPGCL	Khaparkheda Unit 3	210	31/12/2019	17.33		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Khaparkheda Unit 4	210	01/01/2020	19.58		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 6	250	02/01/2020	17.52		Continued.	Zero Schedule By MSEDCL	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 02/Jan/2020

Statement-VII

Position as on 6.30 Hrs of 03/Jan/2020

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	01/01/2020	17.16	02/01/2020	11.04	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	02/01/2020	17.23		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	02/01/2020	10.56	HT	Over Voltage
Karad-Jaigad - I	IntraState	31/12/2019	21.07	02/01/2020	10.01	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	02/01/2020	01.17	02/01/2020	08.35	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	02/01/2020	18.00		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	03/01/2020	02.04		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.
400/220/33kv 315mva Ict3 @Lonikand	IntraState	02/01/2020	10.02	02/01/2020	18.40	PO	Routine Maintenance Work
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	02/01/2020	10.41	02/01/2020	18.13	PO	Routine Maintenance 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)
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	02/01/2020	15.49	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.
Ranjangaon-Lonikand	IntraState	01/01/2020	15.20	02/01/2020	21.45	T	R phase LA Blast at Ranjangaon
Pusad - Hingoli	IntraState	02/01/2020	07.26	02/01/2020	13.32	T	Distance Protection
Kharepatan -Pawas Line	IntraState	02/01/2020	08.35	02/01/2020	17.43	PO	Washing of Insulator String
Pusad-Ghatodi	IntraState	02/01/2020	09.28		Continued.	T	Distance Protection
TOPWORTH VILEBHAGAD	IntraState	02/01/2020	11.08	02/01/2020	17.25	PO	Tree Cutting
Kandalgaon - Bhira	IntraState	02/01/2020	14.10	02/01/2020	15.20	PO	Tree Cutting
Urse - Talegaon (Ambi) Ckt 1	IntraState	03/01/2020	05.39		Continued.	T	Distance Protection
Babhaleshwar-Nagar-I	IntraState	03/01/2020	06.10		Continued.	T	Distance Protection
Babhleshwar Ahamadnagar-Ii	IntraState	03/01/2020	06.55	03/01/2020	07.08	HT	Heavy Sparking on Bus Isolator
220 KV ICT Outages/Trippings							
220/132 KV 200MVA Vijai ICT-2 @Theur	IntraState	02/01/2020	10.04	02/01/2020	16.17	PO	Routine Maintenance Work
220/100 Kv 200 MVA ICT I @Apta	IntraState	02/01/2020	10.50	02/01/2020	17.50	PO	Routine Maintenance Work
220/132 Kv Ict 2 200 Mva @Parbhani	IntraState	02/01/2020	11.49	02/01/2020	18.32	PO	OLTC Overhauling

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