

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Jan/2020 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	117.291	361.145	1) Gujrat	3.724	12.306
2) Hydro	9.464	22.341	2) Madhya Pradesh	14.200	39.797
3) Gas	5.971	17.566	3) Chattisgarh	8.110	22.090
Total MSPGCL	132.726	401.052	4) Maharashtra	102.587	306.955
B) 1) APMIL	69.858	202.209	5) Goa (Amona)	-0.726	-2.068
2) JSWEL	20.693	66.249	Total	127.895	379.080
3) VIPL	0.000	0.000	a) Mumbai Schedule	15.736	47.454
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	18.231	56.999
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	20.626	66.566
6) Other IPP	14.627	43.576	Include PX	0.026	-0.090
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	15.736	47.454
C) 1) TPCL Thermal	14.129	39.515	Include PX	6.375	18.467
2) TPCL Hydro	3.516	9.234	Standby	0.000	0.000
3) TPCL Gas	2.598	7.741	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.244	28.965	1) MSEDCL	359.927	1072.771
D) STATE			2) Mumbai Discoms	48.718	142.452
1) Thermal	246.842	741.659	TOTAL STATE	408.645	1215.223
(A1+C1+C4+(B1-B6))					
2) Hydro	12.980	31.575			
(A2+C2)					
3) Gas	8.569	25.307			
(A3+B7+C3)					
4) Wind	7.827	23.939			
6) SOLAR	4.532	13.665			
TOTAL STATE	280.750	836.145			

* 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	5217	5230	5075	4372
MSPGCL Hydro	919	430	367	65
MSPGCL Gas	283	226	232	233
MSPGCL Total Generation	6419	5886	5674	4670
Central Sector Receipt	6439	6199	5456	4328
WIND	255	423	288	369
CPP / IPP Thermal	4756	4662	4660	3723
CPP / IPP Gas	0	0	0	0
SOLAR	699	724	0	0
Exchange with Mumbai	-952	-907	-992	-393
MSEDCL DEMAND MET	17616	16987	15086	12697
Load Shedding	0	0	0	0
MSEDCL DEMAND	17616	16987	15086	12697
TPCL GENERATION	1156	1145	976	618
AEML GENERATION	500	502	435	374
MUMBAI DEMAND	2608	2554	2403	1385
STATE DEMAND MET	20224	19541	17489	14082
STATE DEMAND	20224	19541	17489	14082
Frequency (Hz)	49.94	49.93	49.99	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 10.00 Hrs	49.7 Hz at 12.19 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 03/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	12.46	35.70	605	400
Unit 9	12.14	34.61	565	362
Unit 10	12.07	35.82	550	396
Total	36.67	106.13		
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	0.00	9.41	0	0
Unit 7	5.14	15.15	245	180
Unit 8	5.32	15.74	250	193
Total	10.46	40.30		
Chandrapur				
Unit 3	4.25	12.58	189	163
Unit 4	3.06	11.02	132	125
Unit 5	8.44	25.74	360	337
Unit 6	10.28	30.39	475	354
Unit 7	0.00	0.00	0	0
Unit 8	10.10	30.63	470	360
Unit 9	10.46	30.40	490	365
Total	46.59	140.76		
Paras				
Unit 3	4.86	15.35	238	187
Unit 4	4.80	15.25	220	190
Total	9.67	30.60		
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	9.88	28.20	460	345
Total	9.88	31.41		
Nasik				
Unit 3	4.03	11.94	190	160
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	4.03	11.94		
Uran				
All Units	5.97	17.57	292	221
Total	5.97	17.57		
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)	0.04	0.18	31	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	0.18		
Koyna				
Stage 1-2	2.69	8.14	470	15
Stage 4	3.96	4.88	901	0
Stage 3	0.90	2.95	160	0
Total	7.55	15.98		
Hydro				
KDPH	0.00	0.68	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.48	1.38	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	0.37	70	0
RNGR+BHTSA	0.32	0.96	14	13
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.05	0	0
SMLHY_PTN	0.47	1.05	29	16
GHATGHAR	0.50	1.88	125	0
Total	1.92	6.37		
Wind				
Total	7.83	23.94	0	0
Total	7.83	23.94		
CPP				
APML(Mus)	69.86	202.21	0	0
JSWEL(Mus)	20.69	66.25	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)	14.63	43.58	0	0
Total	105.18	312.03		
SOLAR				
Total	4.53	13.66	0	0
Total	4.53	13.66		
Tata				
Trombay 5	8.90	24.65	473	269
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.44	4.30	62	57
Trombay 7B	1.15	3.44	50	47
Trombay 8	5.23	14.87	242	185
TATA Hydro	3.52	9.23	341	0
Total	20.24	56.49		
AEML				
DTPS U-1&2	10.24	28.96	502	372
Total	10.24	28.96		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	117.29	361.14	MSPGCL Total	132.73	401.05
			MSPGCL Thml+Gas	123.26	378.71	Koyna 1,2 & 4 Total	6.65	13.02
			MSPGCL Hydro	9.46	22.34	State Total	280.75	836.14

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/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	4392	120	234	4746	411	3757	0	0	4722	4542	-581	12875	0	12875	1575	14450	50.03
2	4315	65	223	4603	395	3739	0	0	4670	4516	-463	12790	0	12790	1457	14247	49.99
3	4372	65	233	4670	369	3723	0	0	4410	4328	-393	12697	0	12697	1385	14082	50.00
4	4416	85	224	4725	347	3767	0	0	4196	4304	-385	12758	0	12758	1338	14096	49.99
5	4443	70	222	4735	458	3830	0	0	4783	4598	-420	13201	0	13201	1362	14563	49.97
6	4933	70	236	5239	563	4221	0	0	5060	4931	-489	14465	0	14465	1498	15963	49.95
7	5204	163	288	5655	491	4672	0	1	5478	5239	-408	15650	0	15650	1699	17349	50.00
8	5272	1267	292	6831	314	4766	0	47	5400	5307	-495	16770	0	16770	1884	18654	49.88
9	5230	1764	291	7285	161	4813	0	180	5448	5056	-631	16864	0	16864	2143	19007	49.97
10	5224	1623	287	7134	92	4830	0	339	5588	5360	-769	16986	0	16986	2393	19379	49.98
11	5240	864	286	6390	125	4778	0	517	6157	6310	-914	17206	0	17206	2545	19751	49.96
12	5217	919	283	6419	255	4756	0	699	6420	6439	-952	17616	0	17616	2608	20224	49.94
13	5230	430	226	5886	423	4662	0	724	6335	6199	-907	16987	0	16987	2554	19541	49.93
14	5210	155	222	5587	515	4613	0	694	6221	6070	-873	16606	0	16606	2391	18997	50.05
15	5163	105	231	5499	498	4562	0	633	6321	6375	-1036	16531	0	16531	2370	18901	50.02
16	5148	155	221	5524	447	4564	0	437	6222	6298	-1102	16168	0	16168	2347	18515	50.00
17	5107	312	221	5640	380	4574	0	225	5780	5757	-1065	15511	0	15511	2342	17853	49.97
18	5092	320	221	5633	258	4599	0	36	5515	5459	-1025	14960	0	14960	2332	17292	49.99
19	5075	367	232	5674	288	4660	0	0	5487	5456	-992	15086	0	15086	2403	17489	49.99
20	4999	92	268	5359	339	4643	0	0	5444	5141	-866	14616	0	14616	2342	16958	49.96
21	4679	71	285	5035	264	4293	0	0	5242	5397	-1022	13967	0	13967	2178	16145	49.95
22	4653	146	286	5085	193	4196	0	0	5015	5157	-967	13664	0	13664	2029	15693	50.02
23	4456	46	238	4740	127	4091	0	0	4879	4867	-808	13017	0	13017	1861	14878	49.99
24	4221	190	221	4632	114	4069	0	0	4828	4789	-668	12936	0	12936	1682	14618	50.01
MUs	117.29	9.46	5.97	132.73	7.83	105.18	0.00	4.53	129.62	127.90	-18.23	359.93	0.00	359.93	48.72	408.65	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 03/Jan/2020

Position as on 6.30 Hrs of 04/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	
MSPGCL	Koyna Unit 3	70	03/01/2020	14.05	04/01/2020	01.20	Bus-1 outage at Pophali.	
MSPGCL	Koyna Unit 4	70	03/01/2020	14.13	04/01/2020	02.02	Bus-1 outage at Pophali.	
MSPGCL	Koyna Unit 2	70	03/01/2020	14.15	04/01/2020	01.30	Bus-1 outage at Pophali.	
MSPGCL	Koyna Unit 1	70	03/01/2020	14.17	04/01/2020	01.35	Replacement of existing 0.5 class 245KV CT with new 0.2 class 245KV CT.	
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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 03/Jan/2020

Position as on 6.30 Hrs of 04/Jan/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	
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	
IPP	JSW (J) U4	300	03/01/2020	10.36	03/01/2020	16.30	Non Availability of load schedule.	
MSPGCL	Koradi Unit 10	660	04/01/2020	03.40		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Jan/2020

Statement-VII

Position as on 6.30 Hrs of 04/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 II	InterState	02/01/2020	17.23	03/01/2020	08.58	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	03/01/2020	15.41		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	02/01/2020	18.00		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	03/01/2020	02.04	03/01/2020	13.13	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	03/01/2020	09.07	03/01/2020	17.40	PO	Routine Maintenance Work, RFC code issued after permit cancellation.
Chandrapur - Khaperkheda	IntraState	03/01/2020	13.47	03/01/2020	16.44	T	Distance Protection
Koradi-Khaperkheda I	IntraState	04/01/2020	03.58		Continued.	T	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.
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)
Aurangabad PG (Chitepimpalgaon)- Chitegaon Ckt-II	InterState	03/01/2020	10.15	03/01/2020	18.40	PO	Testing Work
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.
Baramati- Kalyani	IntraState	31/12/2019	09.20		Continued.	PO	Diversion of 220KV Lines Emanating From Baramati s/s Through Underground Cable.
Pusad-Ghatodi	IntraState	02/01/2020	09.28	03/01/2020	09.50	T	Distance Protection
Urse - Talegaon (Ambi) Ckt 1	IntraState	03/01/2020	05.39	03/01/2020	13.23	T	Distance Protection
Babhaleshwar-Nagar-I	IntraState	03/01/2020	06.10	03/01/2020	11.36	T	Distance Protection
Sahara-Urse	IntraState	03/01/2020	06.34	03/01/2020	13.35	HT	HT to control overloading.
Babhleshwar Ahamadnagar-Ii	IntraState	03/01/2020	06.55	03/01/2020	07.08	HT	Heavy Sparking on Bus Isolator
Karad - Vita Ckt- II	IntraState	03/01/2020	08.10	03/01/2020	22.54	T	Distance Protection, insulator decapping at kanhalwadi village
Kharepatan -Pawas Line	IntraState	03/01/2020	08.22	03/01/2020	18.45	PO	Chemical washing of insulator.
Nagothane-Wadkhal-I	IntraState	03/01/2020	09.09	03/01/2020	17.36	PO	Line Maintenance work
Talandage(400kv) - Five Star Midc	IntraState	03/01/2020	09.29	03/01/2020	17.25	PO	Insulator cleaning work.
Chinchwad-Hinjewadi I	IntraState	03/01/2020	10.28	03/01/2020	13.41	HT	HT for loading control.
Kamba - Kolshet	IntraState	03/01/2020	11.29	03/01/2020	19.40	PO	Line Maintenance work
Kandalgaon - Koyna (Pophali)	IntraState	03/01/2020	14.05	04/01/2020	01.25	PO	Bus-1 outage at Pophali.
Pedambe-Pophali	IntraState	03/01/2020	14.08	04/01/2020	00.55	PO	Bus-1 outage at Pophali.
Koyna (Pophali) - Kdph	IntraState	03/01/2020	14.22	04/01/2020	06.10	PO	Bus-1 outage at Pophli.
Babhaleshwar - Degaon Rangari	IntraState	04/01/2020	05.09		Continued.	T	Differential protection
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Cgl Ptr No 5 @Parvati	IntraState	03/01/2020	09.26	03/01/2020	18.43	PO	Line Maintenance work
200 MVA 220/132 KV ICT - 1 @VIRODA	IntraState	03/01/2020	09.28	03/01/2020	16.55	PO	SFRA and Tan Delta Measurment work.
220/110 Kv 200 Mva Vel Ptr 1 @Kolhapur-Ii (Mudshingi)	IntraState	03/01/2020	10.05	03/01/2020	12.35	PO	Quarterly Maintainance Work
220/132 kv 200MVA ICT II @ Akola	IntraState	03/01/2020	10.38	03/01/2020	19.04	PO	Main CB problem and 220KV TBC

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 03/Jan/2020

Statement-VII

Position as on 6.30 Hrs of 04/Jan/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
200 MVA 220/132 KV ICT - 2 @VIRODA	IntraState	03/01/2020	16.57	03/01/2020	19.52	PO	Ct oil leakage.
							SFRA ,Tan Delta testing by mobile testing unit and routine maintenance work.