

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Mar/2020 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	159.256	757.122	1) Gujrat	6.127	30.266
2) Hydro	11.376	35.212	2) Madhya Pradesh	15.081	70.876
3) Gas	7.930	47.006	3) Chattisgarh	5.300	24.060
Total MSPGCL	178.562	839.340	4) Maharashtra	126.249	634.984
B) 1) APLM	71.995	348.098	5) Goa (Amona)	-0.308	-2.156
2) JSWEL	13.374	71.492	Total	152.449	758.030
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.203	107.753
4) RPL(AMT)	5.449	44.156	b) Mumbai Drawl	24.647	128.355
5) WPCL	2.699	13.154	c) MSEDCL Bilateral *	32.962	163.268
6) Other IPP	14.694	73.591	Include PX	2.248	12.895
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.203	107.753
C) 1) TPCL Thermal	13.514	60.561	Include PX	7.462	36.522
2) TPCL Hydro	4.294	19.539	Standby	0.000	0.000
3) TPCL Gas	3.861	20.791	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.010	47.236	1) MSEDCL	435.323	2129.382
D) STATE			2) Mumbai Discoms	56.326	276.482
1) Thermal	290.991	1415.410	TOTAL STATE	491.649	2405.864
(A1+C1+C4+(B1-B6))					
2) Hydro	15.670	54.751			
(A2+C2)					
3) Gas	11.791	67.797			
(A3+B7+C3)					
4) Wind	12.728	71.517			
6) SOLAR	8.020	38.359			
TOTAL STATE	339.200	1647.834			

* 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 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6945	6985	6543	5920
MSPGCL Hydro	1251	1172	201	206
MSPGCL Gas	325	339	340	338
MSPGCL Total Generation	8521	8496	7084	6464
Central Sector Receipt	7770	7312	5842	5325
WIND	197	215	797	522
CPP / IPP Thermal	4571	4585	4684	4236
CPP / IPP Gas	0	0	0	0
SOLAR	1053	1079	0	0
Exchange with Mumbai	-1418	-1428	-1183	-753
MSEDCL DEMAND MET	20694	20259	17224	15794
Load Shedding	0	0	0	0
MSEDCL DEMAND	20694	20259	17224	15794
TPCL GENERATION	1088	1011	1053	595
AEML GENERATION	383	384	372	374
MUMBAI DEMAND	2889	2823	2608	1722
STATE DEMAND MET	23583	23082	19832	17516
STATE DEMAND	23583	23082	19832	17516
Frequency (Hz)	50.04	50.02	50.03	49.92

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 18:03 Hrs	49.75 Hz at 02:12 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 05/Mar/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	12.71	55.62	579	455
Unit 9	12.23	57.90	576	435
Unit 10	11.25	55.66	500	380
Total	36.19	169.18		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.82	47.72	500	355
Unit 5	9.80	46.84	500	360
Total	19.62	94.56		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.10	24.84	245	190
Unit 7	5.31	24.42	248	201
Unit 8	5.30	26.46	250	190
Total	15.70	75.71		
Chandrapur				
Unit 3	4.32	21.25	190	163
Unit 4	4.07	20.24	175	160
Unit 5	0.00	0.00	0	0
Unit 6	10.10	49.94	480	360
Unit 7	10.23	21.22	469	364
Unit 8	10.66	51.34	480	360
Unit 9	10.26	50.08	470	360
Total	49.63	214.08		
Paras				
Unit 3	4.74	27.09	250	0
Unit 4	5.96	28.60	257	207
Total	10.71	55.69		
Khaparkheda				
Unit 1	4.07	19.95	185	155
Unit 2	4.21	21.11	190	160
Unit 3	4.37	21.66	200	158
Unit 4	0.00	13.82	0	0
Unit 5	10.62	51.38	490	370
Total	23.27	127.91		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.14	19.98	202	156
Unit 5	0.00	0.00	0	0
Total	4.14	19.98		
Uran				
All Units	7.93	47.01	340	317
Total	7.93	47.01		
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)	0.13	0.42	47	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.13	0.42		
Koyna				
Stage 1-2	3.17	11.86	410	35
Stage 4	4.81	8.29	735	0
Stage 3	1.57	4.15	160	0
Total	9.55	24.31		
Hydro				
KDPH	0.43	3.48	18	18
VTRNA	0.00	0.00	0	0
TILLARI	0.42	2.10	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	0.72	80	0
RNGR+BHTSA	0.35	1.56	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.44	2.24	19	18
GHATGHAR	0.00	0.80	0	0
Total	1.82	10.90		
Wind				
Total	12.73	71.52	0	0
Total	12.73	71.52		
CPP				
APML(Mus)	72.00	348.10	0	0
JSWEL(Mus)	13.37	71.49	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	5.45	44.16	0	0
WPCL(Mus)	2.70	13.15	0	0
Other(Mus)	14.69	73.59	0	0
Total	108.21	550.49		
SOLAR				
Total	8.02	38.36	0	0
Total	8.02	38.36		
Tata				
Trombay 5	8.76	38.03	477	311
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.39	13.03	113	60
Trombay 7B	1.47	7.76	67	47
Trombay 8	4.75	22.53	241	173
TATA Hydro	4.29	19.54	416	2
Total	21.67	100.89		
AEML				
DTPS U-1&2	10.01	47.24	502	372
Total	10.01	47.24		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	159.26	757.12	MSPGCL Total	178.56	839.34
			MSPGCL Thml+Gas	167.19	804.13	Koyna 1,2 & 4 Total	7.98	20.16
			MSPGCL Hydro	11.38	35.21	State Total	339.20	1647.83

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/Mar/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	6469	146	326	6941	391	4441	0	0	5839	5781	-986	16568	0	16568	1953	18521	50.00
2	6292	86	327	6705	455	4542	0	0	5775	5237	-846	16093	0	16093	1815	17908	49.96
3	5920	206	338	6464	522	4236	0	0	5573	5325	-753	15794	0	15794	1722	17516	49.92
4	5983	141	317	6441	500	4159	0	0	5465	5656	-689	16067	0	16067	1657	17724	50.04
5	6365	246	327	6938	512	4254	0	0	5632	5887	-680	16911	0	16911	1649	18560	50.02
6	6857	96	327	7280	501	4637	0	0	6021	6052	-582	17888	0	17888	1781	19669	50.00
7	7103	713	326	8142	385	4802	0	7	6406	6425	-551	19210	0	19210	1949	21159	49.98
8	7207	1150	328	8685	326	4755	0	155	6568	6427	-666	19682	0	19682	2141	21823	49.94
9	7147	783	337	8267	363	4695	0	469	6753	6483	-944	19333	0	19333	2413	21746	50.00
10	6844	873	329	8046	317	4638	0	773	6833	7154	-1288	19640	0	19640	2680	22320	49.98
11	7105	1163	328	8596	211	4671	0	980	7150	6702	-1179	19981	0	19981	2870	22851	50.03
12	6945	1251	325	8521	197	4571	0	1053	7735	7770	-1418	20694	0	20694	2889	23583	50.04
13	6985	1172	339	8496	215	4585	0	1079	7633	7312	-1428	20259	0	20259	2823	23082	50.02
14	7142	447	330	7919	312	4663	0	1071	7652	7299	-1094	20170	0	20170	2716	22886	50.04
15	7125	231	330	7686	360	4608	0	949	7798	7921	-1243	20281	0	20281	2731	23012	49.97
16	7005	684	329	8018	544	4635	0	780	7351	7196	-1170	20003	0	20003	2758	22761	50.00
17	6856	953	339	8148	671	4630	0	514	6737	6416	-1053	19326	0	19326	2756	22082	49.98
18	6675	211	328	7214	699	4640	0	179	6509	6413	-1225	17920	0	17920	2681	20601	49.99
19	6404	171	329	6904	585	4644	0	11	6126	5991	-1281	16854	0	16854	2616	19470	50.01
20	6543	201	340	7084	797	4684	0	0	6106	5842	-1183	17224	0	17224	2608	19832	50.03
21	6134	154	332	6620	996	4312	0	0	5989	5724	-1154	16498	0	16498	2465	18963	50.00
22	5942	101	339	6382	941	4118	0	0	5875	5935	-1149	16227	0	16227	2338	18565	50.03
23	6072	96	330	6498	929	4099	0	0	5898	5867	-1109	16284	0	16284	2222	18506	49.98
24	6136	101	330	6567	999	4192	0	0	5810	5633	-976	16415	0	16415	2093	18508	49.96
MUs	159.26	11.38	7.93	178.56	12.73	108.21	0.00	8.02	155.23	152.45	-24.65	435.32	0.00	435.32	56.33	491.65	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 05/Mar/2020

Position as on 6.30 Hrs of 06/Mar/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Chandrapur Unit 5	500	30/01/2020	12.30		Continued.	Annual Maintenance Work.	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
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	
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 10.00 hrs)	
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-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
MSPGCL	Ghatghar Unit-1	125	18/02/2020	00.25		Continued.	Severe Hunting In Hydro Conduit Across MIV	
CPP	SWPGL U-3	135	22/02/2020	00.00		Continued.	Vibration Issue In Bearing	
IPP	JSW (J) U1	300	01/03/2020	06.10		Continued.	Governor Valve Replacement.	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
IPP	JSW (J) U2	300	02/03/2020	23.56		Continued.	C W Duct Leakage.	
MSPGCL	Khaparkheda Unit 4	210	04/03/2020	06.31		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule	
MSPGCL	Paras Unit 3	250	05/03/2020	16.40	05/03/2020	19.15	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Mar/2020

Statement-VII

Position as on 6.30 Hrs of 06/Mar/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	05/03/2020	06.22	05/03/2020	07.55	PO	Tap changer position not equal at chandrapur end
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	04/03/2020	20.27		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	04/03/2020	20.30	05/03/2020	05.52	HT	Over Voltage
Girwali- Lonikand 2	IntraState	05/03/2020	06.00	05/03/2020	12.19	T	Distance Protection
Girwali - Lonikand 1	IntraState	05/03/2020	07.04	05/03/2020	16.43	T	Distance Protection
Khadka- Deepnagar Ckt 1	IntraState	05/03/2020	08.17	05/03/2020	15.45	PO	Replacement of faulty insulator string
Chandrapur-II - Nanded ckt I	IntraState	05/03/2020	12.37	05/03/2020	15.59	PO	For Replacement of Disc Insulator.
Koradi-RattanIndia	IntraState	05/03/2020	13.13	05/03/2020	17.11	PO	B PH Flash over String Replacement work.
Khadka-Aurangabad (Waluj)	IntraState	05/03/2020	18.31	06/03/2020	06.02	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	06/03/2020	05.12		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.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.
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)
Borivali - Ghodbunder	IntraState	30/01/2020	12.05		Continued.	PO	Replacement Line Boxes.
Lonand-Baramati	IntraState	16/02/2020	09.37		Continued.	PO	For Erection of CTT-2 Tower Work For 220Kv Baramati-Ionand & 220Kv Baramati Jejuri Cables Emanating form 220Kv Baramati SS.
Trombay - Mulund	IntraState	18/02/2020	06.03		Continued.	PO	Strengthening of HTLS Conductor
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	02/03/2020	11.12		Continued.	PO	Stringing Of New Earth Wire at loc no.112 to 132.
Mudshingi-Belewadi	IntraState	05/03/2020	09.22	05/03/2020	17.03	PO	Replacement work
Karad - Kadegaon	IntraState	05/03/2020	10.25	05/03/2020	18.29	PO	Maintenance Work
New Koyana - Pophali-II	IntraState	05/03/2020	14.11	05/03/2020	17.45	PO	Replacement of PLCC AT New koyana end
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	05/03/2020	16.13	05/03/2020	16.38	PO	Earth wire Replacement Work
220 KV ICT Outages/Trippings							
220/132 Kv 200 MVA ICT-III @Girwali	IntraState	05/03/2020	12.15	05/03/2020	15.24	PO	Relay Testing Work

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