

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	149.475	442.518	1) Gujrat	6.009	17.854
2) Hydro	10.134	19.069	2) Madhya Pradesh	14.204	41.128
3) Gas	10.319	29.896	3) Chattisgarh	4.530	13.480
Total MSPGCL	169.928	491.483	4) Maharashtra	127.642	381.430
B) 1) APLM	70.500	206.833	5) Goa (Amona)	-0.484	-1.342
2) JSWEL	12.868	44.924	Total	151.901	452.550
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.237	62.109
4) RPL(AMT)	9.822	29.960	b) Mumbai Drawl	27.088	76.431
5) WPCL	2.695	7.807	c) MSEDCL Bilateral *	30.952	96.726
6) Other IPP	14.883	44.391	Include PX	0.992	7.740
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.237	62.109
C) 1) TPCL Thermal	12.504	34.990	Include PX	7.329	20.969
2) TPCL Hydro	4.162	10.737	Standby	0.000	0.000
3) TPCL Gas	4.458	13.318	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.377	28.050	1) MSEDCL	433.154	1260.661
D) STATE			2) Mumbai Discoms	57.589	163.526
1) Thermal	282.124	839.473	TOTAL STATE	490.743	1424.187
(A1+C1+C4+(B1-B6))					
2) Hydro	14.296	29.806			
(A2+C2)					
3) Gas	14.777	43.214			
(A3+B7+C3)					
4) Wind	19.790	37.107			
6) SOLAR	7.855	22.037			
TOTAL STATE	338.842	971.637			

* 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	6664	6726	6010	5643
MSPGCL Hydro	1234	863	121	114
MSPGCL Gas	419	405	426	438
MSPGCL Total Generation	8317	7994	6557	6195
Central Sector Receipt	7107	7265	6014	5442
WIND	522	634	1423	812
CPP / IPP Thermal	4849	4842	4416	4230
CPP / IPP Gas	0	0	0	0
SOLAR	1066	1059	0	0
Exchange with Mumbai	-1528	-1544	-1250	-728
MSEDCL DEMAND MET	20333	20250	17160	15951
Load Shedding	0	0	0	0
MSEDCL DEMAND	20333	20250	17160	15951
TPCL GENERATION	1059	987	1018	679
AEML GENERATION	374	373	373	374
MUMBAI DEMAND	2961	2904	2641	1781
STATE DEMAND MET	23294	23154	19801	17732
STATE DEMAND	23294	23154	19801	17732
Frequency (Hz)	50.02	49.98	49.99	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 17.00 Hrs	49.8 Hz at 22.05 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/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	10.75	31.00	538	358
Unit 9	10.59	33.39	482	355
Unit 10	11.33	33.04	535	380
Total	32.68	97.43		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.80	28.65	480	360
Unit 5	9.68	28.21	480	355
Total	19.48	56.86		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.85	14.99	235	185
Unit 7	4.90	14.14	248	187
Unit 8	5.34	15.95	250	199
Total	15.08	45.08		
Chandrapur				
Unit 3	4.25	12.75	190	163
Unit 4	4.04	12.13	180	153
Unit 5	0.00	0.00	0	0
Unit 6	9.92	29.88	470	360
Unit 7	0.72	2.13	360	0
Unit 8	10.48	30.57	495	360
Unit 9	10.14	29.65	460	365
Total	39.54	117.12		
Paras				
Unit 3	5.67	16.69	255	192
Unit 4	5.76	16.91	258	192
Total	11.43	33.60		
Khaparkheda				
Unit 1	4.12	11.96	185	155
Unit 2	4.26	12.67	190	160
Unit 3	4.35	12.96	200	158
Unit 4	4.34	12.76	195	157
Unit 5	10.24	30.16	480	365
Total	27.31	80.51		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.96	11.92	197	131
Unit 5	0.00	0.00	0	0
Total	3.96	11.92		
Uran				
All Units	10.32	29.90	458	405
Total	10.32	29.90		
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)	0.16	0.25	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.16	0.25		
Koyna				
Stage 1-2	2.28	6.41	500	40
Stage 4	3.48	3.48	755	0
Stage 3	1.49	2.04	320	0
Total	7.26	11.93		
Hydro				
KDPH	0.89	2.43	37	37
VTRNA	0.00	0.00	0	0
TILLARI	0.42	1.26	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.19	0.44	80	0
RNGR+BHTSA	0.35	0.86	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.44	1.35	19	18
GHATGHAR	0.59	0.80	125	0
Total	2.88	7.14		
Wind				
Total	19.79	37.11	0	0
Total	19.79	37.11		
CPP				
APML(Mus)	70.50	206.83	0	0
JSWEL(Mus)	12.87	44.92	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	9.82	29.96	0	0
WPCL(Mus)	2.70	7.81	0	0
Other(Mus)	14.88	44.39	0	0
Total	110.77	333.92		
SOLAR				
Total	7.86	22.04	0	0
Total	7.86	22.04		
Tata				
Trombay 5	8.07	21.55	475	274
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.83	8.44	118	117
Trombay 7B	1.63	4.88	68	67
Trombay 8	4.43	13.44	242	173
TATA Hydro	4.16	10.74	387	2
Total	21.12	59.04		
AEML				
DTPS U-1&2	9.38	28.05	502	371
Total	9.38	28.05		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	149.48	442.52	MSPGCL Total	169.93	491.48
			MSPGCL Thml+Gas	159.79	472.41	Koyna 1,2 & 4 Total	5.76	9.89
			MSPGCL Hydro	10.13	19.07	State Total	338.84	971.64

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/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	6123	114	433	6670	641	4269	0	0	5894	5885	-974	16491	0	16491	2022	18513	49.56
2	5857	114	446	6417	679	4257	0	0	5793	5729	-827	16255	0	16255	1878	18133	49.97
3	5643	114	438	6195	812	4230	0	0	5642	5442	-728	15951	0	15951	1781	17732	49.99
4	5592	259	447	6298	686	4286	0	0	5617	5597	-704	16163	0	16163	1722	17885	50.00
5	5900	109	439	6448	629	4374	0	0	5722	5964	-706	16709	0	16709	1715	18424	49.99
6	6475	282	436	7193	574	4725	0	0	5871	6003	-788	17707	0	17707	1835	19542	49.97
7	6675	980	458	8113	426	4944	0	9	6242	6250	-621	19121	0	19121	2016	21137	49.94
8	6764	1341	439	8544	334	5037	0	120	6426	6352	-726	19661	0	19661	2198	21859	50.03
9	6795	864	434	8093	263	5056	0	455	6597	6577	-937	19507	0	19507	2473	21980	50.03
10	6719	741	432	7892	243	4938	0	742	6900	6840	-1173	19482	0	19482	2741	22223	49.99
11	6596	1244	425	8265	395	4860	0	938	7145	7209	-1482	20185	0	20185	2917	23102	50.03
12	6664	1234	419	8317	522	4849	0	1066	7423	7107	-1528	20333	0	20333	2961	23294	50.02
13	6726	863	405	7994	634	4842	0	1059	7386	7265	-1544	20250	0	20250	2904	23154	49.98
14	6782	261	407	7450	727	4864	0	1063	7419	7220	-1470	19854	0	19854	2763	22617	50.01
15	6689	175	426	7290	914	4868	0	939	7394	7172	-1491	19692	0	19692	2797	22489	49.97
16	6440	371	409	7220	1145	4884	0	782	7052	7180	-1451	19760	0	19760	2810	22570	50.00
17	6564	221	419	7204	1241	4885	0	484	6822	6564	-1435	18943	0	18943	2791	21734	50.01
18	6110	156	422	6688	1240	4796	0	177	6316	6372	-1425	17848	0	17848	2735	20583	50.05
19	6036	111	424	6571	1300	4514	0	21	6065	5881	-1296	16991	0	16991	2666	19657	50.00
20	6010	121	426	6557	1423	4416	0	0	6087	6014	-1250	17160	0	17160	2641	19801	49.99
21	5610	116	430	6156	1298	4287	0	0	6021	5736	-1181	16296	0	16296	2505	18802	50.02
22	5528	116	429	6073	1264	4121	0	0	5766	5921	-1193	16186	0	16186	2356	18542	49.97
23	5564	111	432	6107	1185	4178	0	0	5729	5800	-1132	16138	0	16138	2240	18378	49.98
24	5613	116	444	6173	1215	4288	0	0	5793	5820	-1026	16470	0	16470	2122	18592	50.01
MUs	149.48	10.13	10.32	169.93	19.79	110.77	0.00	7.85	153.12	151.90	-27.09	433.15	0.00	433.15	57.59	490.74	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/Mar/2020

Position as on 6.30 Hrs of 04/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	Chandrapur Unit 7	500	03/03/2020	02.30	04/03/2020	00.27	Air heater problem	
MSPGCL	Khaparkheda Unit 4	210	04/03/2020	06.31		Continued.	Boiler Tube Leakage	

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

Statement-VII

Position as on 6.30 Hrs of 04/Mar/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi-III - Akola-II ckt-I	IntraState	03/03/2020	09.34	03/03/2020	20.10	PO	A/R Mode to be kept off for attending additional earthing in towers.
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	02/03/2020	18.08	03/03/2020	09.05	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	03/03/2020	18.27	04/03/2020	05.36	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	02/03/2020	18.00	03/03/2020	05:55	HT	Over Voltage
Lonikand 1 - Talegaon(Pgcil)	IntraState	03/03/2020	09.03	03/03/2020	12.03	T	Distance Protection
Warora -IEPL	IntraState	03/03/2020	12.40	03/03/2020	15.47	EO	Attending hot Spot at loc no.36 R PH On 400Kv IEPL-Warora Ckt.
Khadka-Aurangabad (Waluj)	IntraState	03/03/2020	17.59	04/03/2020	05.51	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 @Kharghar	IntraState	03/03/2020	08.46	03/03/2020	18.28	PO	For Diagnostic testing and RM work of 220KV C.B.
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)
Mudshingi Chikodi	InterState	02/03/2020	19.30	03/03/2020	01.39	T	Distance Protection
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.
Ghodbunder - Versova	IntraState	03/03/2020	06.35	03/03/2020	08.30	PO	To attend hot spot on Tower no LS 336.R-Ph (VSV Side).
Dhule-Chalisagaon	IntraState	03/03/2020	06.46	03/03/2020	07.58	HT	To control Dhule ICT overloading.
Chinchwad-Hinjewadi I	IntraState	03/03/2020	09.05	03/03/2020	13.50	HT	To Control line Loading.
Peth- Mudshingi -I	IntraState	03/03/2020	09.37	03/03/2020	21.12	PO	Earth wire Replacement work.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	03/03/2020	09.38	03/03/2020	21.18	PO	Outage for removing Takari Tap LILO locations jumps at Loc No.92A.
satara MIDC- Malharpeth	IntraState	03/03/2020	10.40	03/03/2020	13.58	PO	Replacement of WT jumps of 220KV Malharpeth bay.
Mudshingi-Belewadi	IntraState	03/03/2020	10.40	03/03/2020	17.40	EO	For replacement of Old disc insulator.
Uran - Apta IV	IntraState	03/03/2020	10.58	03/03/2020	15.50	PO	For the relay testing & Tan delta work.
Adlabs - Pedambe	IntraState	03/03/2020	11.20	03/03/2020	15.30	EO	To attend chattering At Y-PH WAVE TRAP Between PG CLAMP Conductor TO Y-PH WAVE TRAP Horn.
Vasai Kamba	IntraState	03/03/2020	13.45	03/03/2020	18.75	EO	Coupling Capacitor oil leakage.
Satara (MIDC)-Ajinkyatara	IntraState	03/03/2020	14.45	03/03/2020	16.50	PO	Replacement of WT jumps of 220KV Ajinkyatara bay.
Uran - Apta III	IntraState	03/03/2020	15.56	03/03/2020	18.49	PO	Relay testing and tan delta work at 220 kV Apta ss.

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/Mar/2020

Statement-VII

Position as on 6.30 Hrs of 04/Mar/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 KV ICT Outages/Trippings							
220/100 Kv 200 Mva Vijai Ict 3 @Trombay	IntraState	03/03/2020	09.10	03/03/2020	16.14	PO	Replacement Of R Phase HV C.T. Of 200MVA 220/100 Kv Ict-3.
220/33kv 50mva Bbl @Oglewadi	IntraState	03/03/2020	09.13	03/03/2020	18.45	PO	Overhauling Of Areva Make 33KV LV Breaker.
220/100 kv 200 MVA ICT-II @Kalwa	IntraState	03/03/2020	10.03	03/03/2020	16.02	PO	220/100 KV, 200MVA ICT-2, NIFPS (fire protection system) servicing.