

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Mar/2020 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	148.519	1868.262	1) Gujrat	7.452	87.486
2) Hydro	15.223	84.468	2) Madhya Pradesh	14.656	174.285
3) Gas	6.708	95.610	3) Chattisgarh	6.340	63.120
Total MSPGCL	170.450	2048.340	4) Maharashtra	119.908	1452.558
B) 1) APML	75.457	833.555	5) Goa (Amona)	-0.374	-4.950
2) JSWEL	17.469	186.277	Total	147.982	1772.499
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.018	260.474
4) RPL(AMT)	0.000	64.411	b) Mumbai Drawl	21.932	290.576
5) WPCL	2.692	31.612	c) MSEDCL Bilateral *	34.222	392.875
6) Other IPP	14.706	173.193	Include PX	3.781	34.120
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.018	260.474
C) 1) TPCL Thermal	14.227	150.144	Include PX	6.296	80.854
2) TPCL Hydro	4.419	42.773	Standby	0.000	0.000
3) TPCL Gas	2.747	38.721	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.228	114.153	1) MSEDCL	428.818	5078.328
D) STATE			2) Mumbai Discoms	53.553	636.367
1) Thermal	283.298	3421.607	TOTAL STATE	482.371	5714.695
(A1+C1+C4+(B1-B6))					
2) Hydro	19.642	127.241			
(A2+C2)					
3) Gas	9.455	134.331			
(A3+B7+C3)					
4) Wind	14.311	170.506			
6) SOLAR	7.683	88.511			
TOTAL STATE	334.389	3942.196			

* 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	6367	6394	6404	5611
MSPGCL Hydro	935	867	300	123
MSPGCL Gas	272	269	281	277
MSPGCL Total Generation	7574	7530	6985	6011
Central Sector Receipt	7594	7531	5645	5126
WIND	341	378	884	704
CPP / IPP Thermal	4795	4764	4697	4444
CPP / IPP Gas	0	0	0	0
SOLAR	1057	1092	0	0
Exchange with Mumbai	-1058	-1102	-1105	-655
MSEDCL DEMAND MET	20303	20193	17106	15630
Load Shedding	0	0	0	0
MSEDCL DEMAND	20303	20193	17106	15630
TPCL GENERATION	1227	1111	992	593
AEML GENERATION	501	502	378	373
MUMBAI DEMAND	2786	2715	2475	1621
STATE DEMAND MET	23089	22908	19581	17251
STATE DEMAND	23089	22908	19581	17251
Frequency (Hz)	50.02	49.96	50.00	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 10.04 Hrs	49.78 Hz at 18.35 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 12/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	10.17	127.90	510	340
Unit 9	11.04	140.17	500	404
Unit 10	8.58	128.44	380	340
Total	29.79	396.51		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.14	114.24	500	360
Unit 5	10.00	112.18	500	360
Total	20.14	226.42		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.17	55.07	173	0
Unit 7	0.00	44.16	0	0
Unit 8	5.49	63.35	250	197
Total	5.66	162.58		
Chandrapur				
Unit 3	4.06	50.08	186	115
Unit 4	3.94	47.77	173	156
Unit 5	10.10	55.62	460	365
Unit 6	10.24	117.68	475	360
Unit 7	10.28	88.22	470	365
Unit 8	11.41	122.51	485	455
Unit 9	10.52	119.36	465	400
Total	60.55	601.25		
Paras				
Unit 3	4.00	63.68	251	105
Unit 4	1.22	63.21	252	0
Total	5.21	126.89		
Khaparkheda				
Unit 1	3.82	47.44	180	125
Unit 2	4.04	49.25	190	160
Unit 3	0.27	47.41	160	0
Unit 4	4.27	41.15	190	161
Unit 5	10.59	121.35	480	370
Total	23.00	306.60		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.16	48.02	194	158
Unit 5	0.00	0.00	0	0
Total	4.16	48.02		
Uran				
All Units	6.71	95.61	295	266
Total	6.71	95.61		
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	0.77	37	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	0.77		
Koyna				
Stage 1-2	3.34	26.88	585	40
Stage 4	6.62	18.96	1010	0
Stage 3	2.75	10.33	240	0
Total	12.71	56.17		
Hydro				
KDPH	0.86	8.02	36	36
VTRNA	0.00	0.00	0	0
TILLARI	0.48	5.40	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.13	1.90	80	0
RNGR+BHTSA	0.35	3.91	15	14
BHANDARDRA	0.45	2.53	19	18
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.24	5.05	10	9
GHATGHAR	0.00	1.49	0	0
Total	2.52	28.30		
Wind				
Total	14.31	170.51	0	0
Total	14.31	170.51		
CPP				
APML(Mus)	75.46	833.56	0	0
JSWEL(Mus)	17.47	186.28	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	64.41	0	0
WPCL(Mus)	2.69	31.61	0	0
Other(Mus)	14.71	173.19	0	0
Total	110.32	1289.05		
SOLAR				
Total	7.68	88.51	0	0
Total	7.68	88.51		
Tata				
Trombay 5	9.32	96.31	486	304
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.55	23.14	66	64
Trombay 7B	1.20	15.58	51	49
Trombay 8	4.91	53.84	243	173
TATA Hydro	4.42	42.77	389	41
Total	21.39	231.64		
AEML				
DTPS U-1&2	10.23	114.15	502	373
Total	10.23	114.15		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	148.52	1868.26	MSPGCL Total	170.45	2048.34
			MSPGCL Thml+Gas	155.23	1963.87	Koyna 1,2 & 4 Total	9.96	45.84
			MSPGCL Hydro	15.22	84.47	State Total	334.39	3942.20

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/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	6078	117	276	6471	733	4455	0	0	5200	5037	-850	15846	0	15846	1825	17671	49.99
2	5755	128	295	6178	763	4444	0	0	5207	5269	-719	15935	0	15935	1695	17630	49.96
3	5611	123	277	6011	704	4444	0	0	5081	5126	-655	15630	0	15630	1621	17251	49.99
4	5913	134	287	6334	537	4436	0	0	5052	5069	-598	15778	0	15778	1566	17344	50.01
5	6067	409	288	6764	488	4446	0	0	5216	5265	-605	16358	0	16358	1575	17933	50.01
6	6239	580	286	7105	427	4513	0	0	5749	5877	-437	17485	0	17485	1733	19218	49.99
7	6270	1664	279	8213	359	4530	0	9	6366	6539	-499	19151	0	19151	1896	21047	50.00
8	6321	1934	287	8542	271	4511	0	156	6396	6563	-572	19471	0	19471	2081	21552	50.03
9	6260	1509	285	8054	198	4501	0	473	6415	6707	-718	19215	0	19215	2366	21581	50.02
10	6190	1311	272	7773	272	4533	0	777	6792	6858	-910	19303	0	19303	2626	21929	50.02
11	6257	933	291	7481	305	4826	0	950	7132	7275	-1058	19779	0	19779	2789	22568	50.04
12	6367	935	272	7574	341	4795	0	1057	7941	7594	-1058	20303	0	20303	2786	23089	50.02
13	6394	867	269	7530	378	4764	0	1092	7624	7531	-1102	20193	0	20193	2715	22908	49.96
14	6433	767	289	7489	482	4766	0	991	7405	7111	-1058	19781	0	19781	2569	22350	49.99
15	6362	743	266	7371	580	4664	0	917	7527	7455	-1243	19744	0	19744	2575	22319	49.96
16	6243	815	267	7325	695	4641	0	672	7520	7558	-1355	19536	0	19536	2574	22110	49.98
17	6343	712	276	7331	812	4749	0	404	6663	6561	-987	18870	0	18870	2582	21452	49.97
18	6398	362	278	7038	770	4710	0	174	6143	6262	-1148	17806	0	17806	2533	20339	50.04
19	6308	350	269	6927	811	4679	0	11	5652	5542	-1219	16751	0	16751	2482	19233	49.92
20	6404	300	281	6985	884	4697	0	0	5717	5645	-1105	17106	0	17106	2475	19581	50.00
21	6136	150	273	6559	875	4667	0	0	5388	5315	-1105	16311	0	16311	2352	18663	50.03
22	6134	120	285	6539	830	4534	0	0	5411	5271	-1048	16126	0	16126	2194	18320	50.02
23	6072	135	285	6492	961	4517	0	0	5289	5416	-1002	16384	0	16384	2043	18427	50.03
24	5964	125	275	6364	835	4502	0	0	5198	5136	-881	15956	0	15956	1900	17856	50.00
MUs	148.52	15.22	6.71	170.45	14.31	110.32	0.00	7.68	148.08	147.98	-21.93	428.82	0.00	428.82	53.55	482.37	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 12/Mar/2020

Position as on 6.30 Hrs of 13/Mar/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
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	
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	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Ghatghar Unit-2	125	09/03/2020	10:50		Continued.	Expansion joint leakage.	
MSPGCL	Uran Unit 6	108	09/03/2020	18.15		Continued.	Gas shortage	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 7	250	09/03/2020	20.22		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Paras Unit 4	250	12/03/2020	00.34	12/03/2020	17.58	Coal Handling Plant Problem	
MSPGCL	Parli Unit 6	250	12/03/2020	01.00		Continued.	Zero Schedule	
MSPGCL	Khaparkheda Unit 3	210	12/03/2020	01.45		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Mar/2020

Statement-VII

Position as on 6.30 Hrs of 13/Mar/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	11/03/2020	20.30	12/03/2020	05.24	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	12/03/2020	08.35		Continued.	PO	Rusted/Damaged Earthwire replacement and Insulator String replacement work
Chakan Talegaon(Pg)	InterState	12/03/2020	10.03		Continued.	PO	Half yearly maintenance work
Khadka-Aurangabad (Waluj)	IntraState	11/03/2020	18.28	12/03/2020	07.25	HT	Over Voltage
New Koyna - Dabhol-I	IntraState	12/03/2020	09.21	12/03/2020	19.57	PO	Routine Maintenance Work
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	12/03/2020	09.37	12/03/2020	10.18	PO	O/G for L/R Maint.work at Waluj PG end
Ektuni-Bableshwar ckt II	IntraState	12/03/2020	15.20		Continued.	HT	Disconnecting 400KV Main Bus-I Jumps by Hot Line
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 500 Mva Ict 2 @ CHANDRAPUR 2	IntraState	09/03/2020	12.57		Continued.	EO	Testing work (Bushing Tan Delta problem hence kept out.)
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)
Borivali - Tarapur	InterState	11/03/2020	20:29	13/03/2020	02.33	T	Distance Protection
EKLAHARE (OCR) Nasik Navsari II	InterState	12/03/2020	10.43	12/03/2020	19.13	PO	Replacement of Old Disc Insulator. Testing work
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	Isolation of 220KV Cables on MSETCL Tower NO.240
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.
Kadegaon-Miraj	IntraState	11/03/2020	08.34		Continued.	PO	Making Cut Point at In-Line 220kv 30 Deg multi ckt Tower Below Existing Karad -Kadegaon
Parli 3 (Old Gcr)-Girwali Ckt 2	IntraState	12/03/2020	10.06	12/03/2020	15.00	PO	Testing Work
Nagothane - ACCIL	IntraState	12/03/2020	10.12	12/03/2020	17.37	PO	Faulty Backup Relay replacement work
Bhugaon- Wardha	IntraState	12/03/2020	13.03	12/03/2020	13.30	T	Distance Protection
Pandarpur-Khanapur	IntraState	12/03/2020	17.00	12/03/2020	18.50	EO	To attend Y and B Phase CT abnormal sound
Lamboti(solapur)-Karkamb	IntraState	12/03/2020	17.05	12/03/2020	17.15	EO	Remove Long Cloth on B Phase at Loc.402-403
220 KV ICT Outages/Trippings							
220/100 Kv 200 Mva Bhel Ict 1 @Kalwa	IntraState	12/03/2020	10.12	12/03/2020	17.52	PO	CTR work
220/132 kv 200MVA ICT II @ Girwali	IntraState	12/03/2020	10.28	12/03/2020	17.28	T	Attending Oil Leakage
220/132 Kv 100 Mva Ict 1 @Yavatmal	IntraState	12/03/2020	14.12	12/03/2020	16.15	PO	Cold Welding work alongwith Oil Topup
220/132kv 200 Mva Aditya Vidyut Ict 2 @Kanhana	IntraState	12/03/2020	14.47	12/03/2020	17.48	PO	work on Buccholz Relay for contact on operation of CTR Relay

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