

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Mar/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	155.348	597.866	1) Gujrat	6.338	24.139
2) Hydro	4.767	23.836	2) Madhya Pradesh	14.667	55.795
3) Gas	9.180	39.076	3) Chattisgarh	5.280	18.760
Total MSPGCL	169.295	660.778	4) Maharashtra	127.305	508.735
B) 1) APML	69.270	276.103	5) Goa (Amona)	-0.506	-1.848
2) JSWEL	13.194	58.118	Total	153.084	605.581
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.442	85.550
4) RPL(AMT)	8.747	38.707	b) Mumbai Drawl	27.277	103.708
5) WPCL	2.648	10.455	c) MSEDCL Bilateral *	33.581	130.306
6) Other IPP	14.506	58.897	Include PX	2.907	10.647
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.442	85.550
C) 1) TPCL Thermal	12.057	47.047	Include PX	8.091	29.060
2) TPCL Hydro	4.508	15.245	Standby	0.000	0.000
3) TPCL Gas	3.612	16.930	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.176	37.226	1) MSEDCL	433.451	1694.059
D) STATE			2) Mumbai Discoms	56.630	220.156
1) Thermal	284.946	1124.419	TOTAL STATE	490.081	1914.215
(A1+C1+C4+(B1-B6))					
2) Hydro	9.275	39.081			
(A2+C2)					
3) Gas	12.792	56.006			
(A3+B7+C3)					
4) Wind	21.682	58.789			
6) SOLAR	8.302	30.339			
TOTAL STATE	336.997	1308.634			

* 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 4 Hrs
MSPGCL Thermal	6909	6915	6389	5893
MSPGCL Hydro	156	151	281	110
MSPGCL Gas	424	331	336	438
MSPGCL Total Generation	7489	7397	7006	6441
Central Sector Receipt	7606	7503	6047	5062
WIND	867	822	733	1297
CPP / IPP Thermal	4764	4740	4681	3882
CPP / IPP Gas	0	0	0	0
SOLAR	1086	1133	0	0
Exchange with Mumbai	-1457	-1487	-1294	-662
MSEDCL DEMAND MET	20355	20108	17173	16020
Load Shedding	0	0	0	0
MSEDCL DEMAND	20355	20108	17173	16020
TPCL GENERATION	1066	983	964	642
AEML GENERATION	373	373	373	374
MUMBAI DEMAND	2896	2843	2631	1678
STATE DEMAND MET	23251	22951	19804	17698
STATE DEMAND	23251	22951	19804	17698
Frequency (Hz)	50.07	50.00	50.00	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 18.02 Hrs	49.82 Hz at 04.17 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 04/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	11.91	42.91	551	460
Unit 9	12.28	45.67	555	430
Unit 10	11.38	44.41	530	380
Total	35.57	133.00		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.26	37.90	460	360
Unit 5	8.84	37.04	450	335
Total	18.09	74.95		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.75	19.74	220	177
Unit 7	4.97	19.11	248	187
Unit 8	5.21	21.16	250	190
Total	14.93	60.01		
Chandrapur				
Unit 3	4.19	16.94	190	163
Unit 4	4.04	16.17	180	155
Unit 5	0.00	0.00	0	0
Unit 6	9.96	39.84	480	360
Unit 7	8.86	10.99	470	40
Unit 8	10.11	40.69	470	360
Unit 9	10.18	39.83	470	360
Total	47.33	164.45		
Paras				
Unit 3	5.66	22.35	255	190
Unit 4	5.72	22.63	257	190
Total	11.38	44.98		
Khaparkheda				
Unit 1	3.92	15.88	175	150
Unit 2	4.23	16.90	190	160
Unit 3	4.32	17.28	200	158
Unit 4	1.06	13.82	177	0
Unit 5	10.61	40.76	500	370
Total	24.13	104.64		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.92	15.84	198	120
Unit 5	0.00	0.00	0	0
Total	3.92	15.84		
Uran				
All Units	9.18	39.08	451	298
Total	9.18	39.08		
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)	0.05	0.30	33	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.05	0.30		
Koyna				
Stage 1-2	2.28	8.70	345	40
Stage 4	0.00	3.48	0	0
Stage 3	0.55	2.59	160	0
Total	2.83	14.76		
Hydro				
KDPH	0.62	3.05	37	18
VTRNA	0.00	0.00	0	0
TILLARI	0.42	1.68	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	0.54	70	0
RNGR+BHTSA	0.35	1.21	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.44	1.80	19	18
GHATGHAR	0.00	0.80	0	0
Total	1.93	9.08		
Wind				
Total	21.68	58.79	0	0
Total	21.68	58.79		
CPP				
APML(Mus)	69.27	276.10	0	0
JSWEL(Mus)	13.19	58.12	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	8.75	38.71	0	0
WPCL(Mus)	2.65	10.46	0	0
Other(Mus)	14.51	58.90	0	0
Total	108.36	442.28		
SOLAR				
Total	8.30	30.34	0	0
Total	8.30	30.34		
Tata				
Trombay 5	7.72	29.27	479	279
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.20	10.64	118	60
Trombay 7B	1.42	6.29	68	47
Trombay 8	4.34	17.78	240	173
TATA Hydro	4.51	15.24	415	2
Total	20.18	79.22		
AEML				
DTPS U-1&2	9.18	37.23	501	372
Total	9.18	37.23		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	155.35	597.87	MSPGCL Total	169.30	660.78
			MSPGCL Thml+Gas	164.53	636.94	Koyna 1,2 & 4 Total	2.28	12.17
			MSPGCL Hydro	4.77	23.84	State Total	337.00	1308.63

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/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	5662	115	437	6214	1317	4290	0	0	5727	5576	-936	16461	0	16461	1970	18431	49.98
2	5782	120	437	6339	1410	4198	0	0	5467	5137	-811	16273	0	16273	1825	18098	50.00
3	5860	115	448	6423	1444	3931	0	0	5275	5032	-724	16106	0	16106	1737	17843	50.03
4	5893	110	438	6441	1297	3882	0	0	5186	5062	-662	16020	0	16020	1678	17698	49.99
5	6092	120	449	6661	1273	3991	0	0	5273	5410	-666	16669	0	16669	1682	18351	49.99
6	6599	110	440	7149	1304	4414	0	0	5982	5880	-779	17968	0	17968	1798	19766	50.03
7	7011	214	451	7676	1169	4880	0	5	6509	6165	-774	19121	0	19121	1972	21093	50.02
8	7058	270	443	7771	895	4938	0	166	6830	6628	-686	19712	0	19712	2156	21868	50.05
9	7007	315	437	7759	717	4868	0	485	6678	6812	-956	19685	0	19685	2438	22123	50.01
10	6802	365	441	7608	877	4732	0	807	6804	6829	-1347	19506	0	19506	2698	22204	50.01
11	6777	265	427	7469	879	4747	0	996	7074	7239	-1409	19921	0	19921	2866	22787	49.98
12	6909	156	424	7489	867	4764	0	1086	7846	7606	-1457	20355	0	20355	2896	23251	50.07
13	6915	151	331	7397	822	4740	0	1133	7839	7503	-1487	20108	0	20108	2843	22951	50.00
14	6648	161	298	7107	742	4689	0	1109	7646	7677	-1463	19861	0	19861	2713	22574	50.02
15	6639	221	336	7196	875	4741	0	997	7457	7616	-1512	19913	0	19913	2746	22659	50.01
16	6748	156	326	7230	846	4831	0	795	7491	7411	-1448	19665	0	19665	2754	22419	49.99
17	6786	221	328	7335	914	4842	0	532	7037	6798	-1390	19031	0	19031	2746	21777	49.96
18	6596	141	327	7064	825	4810	0	184	6686	6461	-1432	17912	0	17912	2696	20608	49.97
19	6270	131	327	6728	705	4781	0	7	6197	6097	-1377	16941	0	16941	2649	19590	50.02
20	6389	281	336	7006	733	4681	0	0	6170	6047	-1294	17173	0	17173	2631	19804	50.00
21	6103	296	328	6727	588	4367	0	0	6093	5723	-1241	16164	0	16164	2484	18648	49.96
22	6096	396	317	6809	432	4074	0	0	5909	6252	-1168	16399	0	16399	2336	18735	49.98
23	6346	111	327	6784	397	4074	0	0	6071	6182	-1156	16281	0	16281	2219	18500	49.99
24	6360	226	327	6913	354	4100	0	0	5987	5941	-1102	16206	0	16206	2097	18303	50.03
MUs	155.35	4.77	9.18	169.30	21.68	108.36	0.00	8.30	155.23	153.08	-27.28	433.45	0.00	433.45	56.63	490.08	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 04/Mar/2020

Position as on 6.30 Hrs of 05/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	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Sheduled	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Mar/2020

Statement-VII

Position as on 6.30 Hrs of 05/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 I	InterState	03/03/2020	18.27	04/03/2020	05.36	HT	Over Voltage
Dabhol Nagothane I	InterState	04/03/2020	12.12	04/03/2020	19.58	PO	Routine Maintenance Work
Dabhol Newkoyna li	InterState	04/03/2020	15.27	04/03/2020	16.03	PO	Routine Maintenance Work
Dhule Sar'Sarovar II	InterState	04/03/2020	20.27		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	03/03/2020	17.59	04/03/2020	05.51	HT	Over Voltage
Khadka- Deepnagar Ckt 1	IntraState	04/03/2020	08.04	04/03/2020	20.19	PO	String Replacement And PG Isolator Maintenance Work.
Akola II - RPL(Rattanindia) Ckt-II	IntraState	04/03/2020	09.53	04/03/2020	20.47	PO	Routine Maintenance Work
Bhusawal-Aurangabad	IntraState	04/03/2020	20.30	05/03/2020	05.52	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 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	04/03/2020	08.21	04/03/2020	19.55	PO	Diagnostic Testing Work.
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)
PARLY (PG) - OSMANABAD	InterState	04/03/2020	14.05	04/03/2020	20.13	PO	Routine Maintenance 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	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.
Lonikand2-Lonikand1 (Interconector)	IntraState	04/03/2020	08.58	04/03/2020	20.05	PO	Replacement Of Exiting CT's (CTR:800/1) By new CT's (CTR :2400/1a) Of All The 3 Phase.
Mudshingi-Belewadi	IntraState	04/03/2020	09.50	04/03/2020	17.05	EO	For Replacement Old Disc Insulator.
Mudshingi-Peth II	IntraState	04/03/2020	10.44	04/03/2020	18.12	PO	Earth Wire Replacement Work
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	04/03/2020	10.45	04/03/2020	18.06	PO	Earth Wire Replacement Work
Loteparshuram- Dasturi Line	IntraState	04/03/2020	10.48	04/03/2020	14.16	PO	CT Leakage Attending work
Butibori-Sunvijay	IntraState	04/03/2020	11.15	04/03/2020	19.54	PO	Maintenance Work At Both End.
Bhandara-Bhandara Rly Tss 1	IntraState	04/03/2020	11.37	04/03/2020	14.46	PO	Diagnostic Testing Work.
Parli New Tps - Beed Ckt 1	IntraState	04/03/2020	14.04	04/03/2020	17.23	PO	Jumper Nut Bolt Tightning.
220 KV ICT Outages/Trippings							
220/22 Kv 50 Mva Emco Ptr 1 @Pal-Dombivali	IntraState	04/03/2020	10.45	04/03/2020	18.30	PO	Bushing Tan Delta, Relay Testing & R & M Work.
220/6.6kv 40MVA STN T/F-IV @Khaperkheda	IntraState	04/03/2020	14.50	04/03/2020	17.53	PO	Tan Delta And Capacitance Measurement Of CT.
220/6.6kv 40MVA STN T/F-IV @Khaperkheda	IntraState	04/03/2020	18.50	04/03/2020	19.00	HT	To Racked Incomer Trolley From Generation End.

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