

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 20/May/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	95.830	1689.519	1) Gujrat	4.640	125.634
2) Hydro	12.144	318.886	2) Madhya Pradesh	9.725	237.197
3) Gas	6.693	131.890	3) Chattisgarh	7.210	158.280
Total MSPGCL	114.667	2140.295	4) Maharashtra	124.864	2730.194
B) 1) APML	65.547	1358.789	5) Goa (Amona)	-0.550	-9.702
2) JSWEL	17.331	319.975	Total	145.889	3241.603
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.142	462.833
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	21.334	473.042
5) WPCL	2.688	53.298	c) MSEDCL Bilateral *	35.301	1071.001
6) Other IPP	9.392	162.224	Include PX	8.659	586.305
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.142	462.833
C) 1) TPCL Thermal	7.357	137.394	Include PX	16.180	328.008
2) TPCL Hydro	5.503	103.146	Standby	0.000	0.000
3) TPCL Gas	4.388	87.841	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.047	195.740	1) MSEDCL	376.581	7321.575
D) STATE			2) Mumbai Discoms	49.629	997.156
1) Thermal	209.192	3916.939	TOTAL STATE	426.210	8318.731
(A1+C1+C4+(B1-B6))					
2) Hydro	17.647	422.032			
(A2+C2)					
3) Gas	11.081	219.731			
(A3+B7+C3)					
4) Wind	34.676	372.533			
6) SOLAR	7.725	145.900			
TOTAL STATE	280.321	5077.135			

* 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 16 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3934	3869	3648	4119
MSPGCL Hydro	417	867	304	303
MSPGCL Gas	275	263	270	294
MSPGCL Total Generation	4626	4999	4222	4716
Central Sector Receipt	6594	7644	5809	5551
WIND	1096	758	1990	1632
CPP / IPP Thermal	4001	3985	3906	3821
CPP / IPP Gas	0	0	0	0
SOLAR	1060	689	0	0
Exchange with Mumbai	-951	-846	-939	-863
MSEDCL DEMAND MET	16426	17229	14988	14857
Load Shedding	0	0	0	0
MSEDCL DEMAND	16426	17229	14988	14857
TPCL GENERATION	591	796	821	754
AEML GENERATION	501	500	375	375
MUMBAI DEMAND	2043	2142	2135	1992
STATE DEMAND MET	18469	19371	17123	16849
STATE DEMAND	18469	19371	17123	16849
Frequency (Hz)	49.99	49.93	49.99	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 19.02 Hrs	49.8 Hz at 14.57 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 20/May/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	0.00	0.00	0	0
Unit 9	11.32	72.43	500	435
Unit 10	0.00	0.00	0	0
Total	11.32	72.43		
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	0.00	0	0
Unit 7	0.00	7.59	0	0
Unit 8	0.00	56.42	0	0
Total	0.00	64.01		
Chandrapur				
Unit 3	4.35	35.37	190	163
Unit 4	3.83	32.32	170	151
Unit 5	0.00	74.99	0	0
Unit 6	10.27	193.34	475	360
Unit 7	9.60	112.59	447	305
Unit 8	10.99	219.74	490	420
Unit 9	10.80	206.02	460	430
Total	49.84	874.38		
Paras				
Unit 3	5.71	93.85	250	205
Unit 4	2.24	110.04	252	0
Total	7.95	203.89		
Khaparkheda				
Unit 1	4.19	36.02	180	165
Unit 2	4.40	69.70	190	175
Unit 3	2.32	67.73	190	0
Unit 4	4.34	85.34	195	170
Unit 5	11.48	216.02	495	455
Total	26.72	474.81		
Nasik				
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		
Uran				
All Units	6.69	131.89	295	263
Total	6.69	131.89		
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)	0.32	4.74	47	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.32	4.74		
Koyna				
Stage 1-2	4.50	97.69	500	45
Stage 4	3.26	122.27	495	0
Stage 3	1.79	48.33	160	0
Total	9.55	268.29		
Hydro				
KDPH	0.74	15.15	31	31
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	5.64	80	0
RNGR+BHTSA	0.28	5.46	12	11
BHANDARDRA	0.45	9.40	37	11
ELDARY	0.20	3.36	20	0
SMLHY_PTN	0.62	11.59	36	23
GHATGHAR	0.00	0.00	0	0
Total	2.59	50.60		
Wind				
Total	34.68	372.53	0	0
Total	34.68	372.53		
CPP				
APML(Mus)	65.55	1358.79	0	0
JSWEL(Mus)	17.33	319.98	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.69	53.30	0	0
Other(Mus)	9.39	162.22	0	0
Total	94.96	1894.29		
SOLAR				
Total	7.72	145.90	0	0
Total	7.72	145.90		
Tata				
Trombay 5	7.36	137.39	310	301
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	56.11	118	115
Trombay 7B	1.58	31.73	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	5.50	103.15	459	56
Total	17.25	328.38		
AEML				
DTPS U-1&2	11.05	195.74	502	374
Total	11.05	195.74		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	95.83	1689.52	MSPGCL Total	114.67	2140.30
			MSPGCL Thml+Gas	102.52	1821.41	Koyna 1,2 & 4 Total	7.76	219.96
			MSPGCL Hydro	12.14	318.89	State Total	280.32	5077.14

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 20/May/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	4323	144	294	4761	1831	3980	0	0	5588	5715	-990	15297	0	15297	2338	17635	50.02
2	4325	224	275	4824	1866	3926	0	0	5377	5222	-890	14948	0	14948	2217	17165	50.03
3	4315	148	286	4749	1761	3929	0	0	5449	5341	-860	14920	0	14920	2092	17012	50.02
4	4119	303	294	4716	1632	3821	0	0	5300	5551	-863	14857	0	14857	1992	16849	49.99
5	4325	203	274	4802	1713	3943	0	0	5413	5386	-832	15012	0	15012	1948	16960	50.01
6	4361	282	286	4929	1692	3922	0	0	5789	5759	-757	15545	0	15545	1961	17506	49.99
7	4375	785	295	5455	1430	3914	0	60	6131	6098	-626	16331	0	16331	1864	18195	50.01
8	4367	511	276	5154	1362	3902	0	265	5889	6059	-769	15973	0	15973	1846	17819	50.01
9	4287	474	285	5046	1185	3894	0	541	5879	5984	-815	15835	0	15835	1874	17709	50.00
10	3949	517	284	4750	1066	3888	0	782	6300	6367	-888	15965	0	15965	1946	17911	50.02
11	3945	465	277	4687	1082	3985	0	944	6490	6237	-953	15982	0	15982	2003	17985	50.01
12	3934	417	275	4626	1096	4001	0	1060	6765	6594	-951	16426	0	16426	2043	18469	49.99
13	3894	313	276	4483	931	3993	0	998	7132	6900	-1007	16298	0	16298	2065	18363	50.01
14	3852	217	264	4333	983	3998	0	918	7174	7235	-842	16625	0	16625	2095	18720	49.97
15	3873	402	273	4548	901	3998	0	814	7432	7340	-840	16761	0	16761	2147	18908	49.93
16	3869	867	263	4999	758	3985	0	689	7645	7644	-846	17229	0	17229	2142	19371	49.93
17	3757	1223	265	5245	1106	4012	0	415	7056	6895	-802	16871	0	16871	2083	18954	49.99
18	3778	1166	286	5230	1571	3990	0	194	6164	5938	-892	16031	0	16031	1970	18001	50.01
19	3767	396	269	4432	1804	3997	0	45	5460	5563	-873	14968	0	14968	1913	16881	50.03
20	3684	376	280	4340	1847	3913	0	0	5672	5358	-1097	14361	0	14361	2017	16378	49.98
21	3648	304	270	4222	1990	3906	0	0	5673	5809	-939	14988	0	14988	2135	17123	49.99
22	3720	472	281	4473	1635	3948	0	0	5359	5645	-900	14801	0	14801	2222	17023	49.98
23	3703	1019	292	5014	1695	4077	0	0	5493	5617	-1000	15403	0	15403	2323	17726	49.99
24	3660	916	273	4849	1739	4036	0	0	5840	5632	-1102	15154	0	15154	2393	17547	50.02
MUs	95.83	12.14	6.69	114.67	34.68	94.96	0.00	7.72	146.47	145.89	-21.33	376.58	0.00	376.58	49.63	426.21	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 20/May/2020

Position as on 6.30 Hrs of 21/May/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 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	
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.	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 6	250	21/03/2020	17.31		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 4	500	22/03/2020	18.30		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 5	500	23/03/2020	01.13		Continued.	Zero schedule.	
MSPGCL	Nasik Unit 4	210	25/03/2020	19.45		Continued.	Reserve Shut Down.	
MSPGCL	Uran Unit 5	108	06/04/2020	13.23		Continued.	Gas shortage	
TPC_G	Trombay 8	250	11/04/2020	16.55		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit-8	660	12/04/2020	00.00		Continued.	Zero schedule.	
MSPGCL	Koradi Unit 10	660	12/04/2020	02.01		Continued.	Zero schedule.	
CPP	SWPGL U-3	135	25/04/2020	00.08		Continued.	No Schedule	
IPP	JSW (J) U3	300	30/04/2020	15.13		Continued.	No Schedule	
MSPGCL	Parli Unit 7	250	12/05/2020	19.34		Continued.	Zero Schedule.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 20/May/2020

Position as on 6.30 Hrs of 21/May/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Parli Unit 8	250	16/05/2020	18.00		Continued.	Zero Schedule	
MSPGCL	Chandrapur Unit 5	500	19/05/2020	14.25	21/05/2020	01.33	Drum level High	
MSPGCL	Paras Unit 4	250	20/05/2020	08.56		Continued.	Drum level low	
MSPGCL	Khaparkheda Unit 3	210	20/05/2020	12.25		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 20/May/2020

Statement-VII

Position as on 6.30 Hrs of 21/May/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	30/04/2020	17.40		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	07/04/2020	23.58		Continued.	EO	To attend Hot Spot(RFC 29.04.2020 Over voltage).
Khadka-Aurangabad (Waluj)	IntraState	14/05/2020	18.12	20/05/2020	08.20	HT	Over Voltage
Karad-Jaigad - I	IntraState	15/05/2020	19.14	20/05/2020	11.11	HT	Over Voltage
Akola - Bhusawal	IntraState	20/05/2020	08.23	20/05/2020	11.53	EO	Replacement of string detected punctured.
Parly(MS)- Nanded ckt I	IntraState	20/05/2020	09.31	20/05/2020	19.38	PO	Line conductor and earthwire hardware tightening work.
Pune(GIS)-A'bad(Waluj) Ckt 1	IntraState	20/05/2020	15.32		Continued.	PO	Meter repl work on line at aurangabad end by pg.
Khadka-Aurangabad (Waluj)	IntraState	20/05/2020	17.49		Continued.	T	Over Voltage
Karad - Jaigad - II	IntraState	20/05/2020	20.40		Continued.	HT	Over Voltage control.
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.)
400/220/33kv, 500 Mva Ict-2 @Khaparkheda	IntraState	20/05/2020	07.37	20/05/2020	18.25	PO	Premonsoon maintenance & 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	20/05/2020	09.46	20/05/2020	17.34	PO	Line 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	Isolation of 220KV Cables on MSETCL Tower NO.240
Hinjewadi2 - Hinjewadi 3 ckt II	IntraState	26/03/2020	10.20		Continued.	HT	Over Voltage
Hinjewadi2 - Hinjewadi 3 ckt 1	IntraState	26/03/2020	10.20		Continued.	HT	Over Voltage
Bus Coupler @ Koradi	IntraState	18/05/2020	09.10		Continued.	PO	CB Mechanism Drive Overhauling Work Upto.
220 KV VIRODA - AMALNER	IntraState	20/05/2020	06.47		Continued.	PO	Line Maintenance work
Butibori-Butibori Rly Tss	IntraState	20/05/2020	08.01	20/05/2020	18.12	PO	Line Maintenance work
AKOLA ANJANGAON (VIHGAON) CKT-I	IntraState	20/05/2020	08.25	20/05/2020	18.40	PO	Line Maintenance work
Midc Chandrapur-Gadchandur	IntraState	20/05/2020	09.20	20/05/2020	18.50	PO	Line Maintenance work
Kalyani - Baramati Agro	IntraState	20/05/2020	10.20	20/05/2020	15.00	EO	Attending Loc 39 R ph Suspension HW problem.
Parli New Tps - Beed Ckt 1	IntraState	20/05/2020	11.08	20/05/2020	15.05	PO	Flash over disc replacement work.
Parli New Tps - Beed Ckt 2	IntraState	20/05/2020	11.10	20/05/2020	15.10	PO	Flash over disc replacement work.
Gadchandur - Virur-I	IntraState	20/05/2020	13.09	20/05/2020	13.16	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 Kv Ict 1 200 Mva @Parbhani	IntraState	20/05/2020	08.15	20/05/2020	13.27	PO	Premonsoon maintenance.
220/132 KV 200MVA ICT I @ Kanhan	IntraState	20/05/2020	08.25	20/05/2020	15.27	PO	Premonsoon work.
200 MVA 220/132 KV ICT - 2 @VIRODA	IntraState	20/05/2020	08.25	20/05/2020	14.40	PO	Premonsoon work.
220/100 Kv 100 MVA ICT II @Kandalgaon	IntraState	20/05/2020	08.45	20/05/2020	15.35	PO	Plastic cover wrapping work.
220/100 Kv 125 Mva Hel Ict 2	IntraState	20/05/2020	10.12	20/05/2020	13.20	PO	1)Routine maintenance works

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 20/May/2020

Statement-VII

Position as on 6.30 Hrs of 21/May/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Jambhul							2) Measurement of Neutral Earth Pit Resistance.
220/132 KV 100 MVA ICT - II @ Ghatodi	IntraState	20/05/2020	10.12	20/05/2020	16.46	PO	Tan Delta Measurement.
220/132 Kv 200mva Kanohar Ict 3 @Bale (Solapur 2)	IntraState	20/05/2020	10.44	20/05/2020	13.50	PO	Outage is required for Quarterly Maintenance.