

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/May/2020 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	64.654	64.654	1) Gujrat	6.257	6.257
2) Hydro	7.954	7.954	2) Madhya Pradesh	11.631	11.631
3) Gas	6.717	6.717	3) Chattisgarh	8.300	8.300
Total MSPGCL	79.325	79.325	4) Maharashtra	144.548	144.548
B) 1) APMIL	67.898	67.898	5) Goa (Amona)	0.000	0.000
2) JSWEL	16.233	16.233	Total	170.736	170.736
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.177	22.177
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.336	24.336
5) WPCL	2.700	2.700	c) MSEDCL Bilateral *	64.247	64.247
6) Other IPP	7.091	7.091	Include PX	40.105	40.105
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.177	22.177
C) 1) TPCL Thermal	6.489	6.489	Include PX	15.723	15.723
2) TPCL Hydro	4.348	4.348	Standby	0.000	0.000
3) TPCL Gas	4.377	4.377	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.966	8.966	1) MSEDCL	351.759	351.759
D) STATE			2) Mumbai Discoms	48.516	48.516
1) Thermal	174.031	174.031	TOTAL STATE	400.275	400.275
(A1+C1+C4+(B1-B6))					
2) Hydro	12.302	12.302			
(A2+C2)					
3) Gas	11.094	11.094			
(A3+B7+C3)					
4) Wind	24.779	24.779			
6) SOLAR	7.333	7.333			
TOTAL STATE	229.539	229.539			

* 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 22 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	2445	2778	2675	2747
MSPGCL Hydro	289	345	518	257
MSPGCL Gas	278	267	294	293
MSPGCL Total Generation	3012	3390	3487	3297
Central Sector Receipt	8314	8486	5826	6459
WIND	442	681	1208	1634
CPP / IPP Thermal	3648	3860	4043	4023
CPP / IPP Gas	0	0	0	0
SOLAR	1019	611	0	0
Exchange with Mumbai	-1029	-1091	-938	-1047
MSEDCL DEMAND MET	15406	15937	13626	14366
Load Shedding	0	0	0	0
MSEDCL DEMAND	15406	15937	13626	14366
TPCL GENERATION	503	509	882	715
AEML GENERATION	373	374	372	375
MUMBAI DEMAND	1905	1974	2192	2137
STATE DEMAND MET	17311	17911	15818	16503
STATE DEMAND	17311	17911	15818	16503
Frequency (Hz)	50.00	50.03	50.02	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 19:02 Hrs	49.84 Hz at 01:35 Hrs	50.01	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 01/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	0.00	0.00	0	0
Unit 10	0.00	0.00	0	0
Total	0.00	0.00		
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	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	9.94	9.94	470	360
Unit 7	0.00	0.00	0	0
Unit 8	11.31	11.31	500	360
Unit 9	10.41	10.41	450	365
Total	31.66	31.66		
Paras				
Unit 3	4.81	4.81	240	113
Unit 4	6.02	6.02	254	250
Total	10.82	10.82		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	4.15	4.15	185	160
Unit 3	3.84	3.84	195	130
Unit 4	4.18	4.18	195	160
Unit 5	10.00	10.00	500	360
Total	22.17	22.17		
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	6.72	6.72	294	267
Total	6.72	6.72		
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)	0.23	0.23	48	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.23	0.23		
Koyna				
Stage 1-2	3.57	3.57	435	45
Stage 4	0.23	0.23	152	0
Stage 3	1.24	1.24	160	0
Total	5.04	5.04		
Hydro				
KDPH	0.82	0.82	34	34
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.	0.21	0.21	80	0
RNGR+BHTSA	0.29	0.29	13	12
BHANDARDRA	0.46	0.46	35	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	1.13	1.13	48	47
GHATGHAR	0.00	0.00	0	0
Total	2.91	2.91		
Wind				
Total	24.78	24.78	0	0
Total	24.78	24.78		
CPP				
APML(Mus)	67.90	67.90	0	0
JSWEL(Mus)	16.23	16.23	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.70	2.70	0	0
Other(Mus)	7.09	7.09	0	0
Total	93.92	93.92		
SOLAR				
Total	7.33	7.33	0	0
Total	7.33	7.33		
Tata				
Trombay 5	6.49	6.49	273	266
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	2.80	117	116
Trombay 7B	1.58	1.58	67	57
Trombay 8	0.00	0.00	0	0
TATA Hydro	4.35	4.35	437	45
Total	15.21	15.21		
AEML				
DTPS U-1&2	8.97	8.97	375	372
Total	8.97	8.97		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	64.65	64.65	MSPGCL Total	79.32	79.32
			MSPGCL Thml+Gas	71.37	71.37	Koyna 1,2 & 4 Total	3.80	3.80
			MSPGCL Hydro	7.95	7.95	State Total	229.54	229.54

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/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	2780	352	285	3417	1425	3922	0	0	6898	6962	-1191	14535	0	14535	2370	16905	50.02
2	2903	412	273	3588	1374	3955	0	0	6751	6571	-1064	14424	0	14424	2241	16665	49.95
3	2747	257	293	3297	1634	4023	0	0	6586	6459	-1047	14366	0	14366	2137	16503	49.95
4	2586	151	274	3011	1654	4095	0	0	6449	6677	-934	14503	0	14503	2033	16536	49.97
5	2682	281	283	3246	1535	4070	0	0	6656	6739	-906	14684	0	14684	1978	16662	49.96
6	2779	541	294	3614	1262	4041	0	0	7335	7365	-909	15373	0	15373	1988	17361	49.98
7	2769	544	276	3589	1336	4031	0	40	8074	7898	-860	16034	0	16034	1900	17934	50.02
8	2768	384	285	3437	696	4014	0	205	7732	7716	-791	15277	0	15277	1852	17129	49.99
9	2727	296	284	3307	549	4038	0	479	7342	7152	-987	14538	0	14538	1863	16401	50.09
10	2451	292	282	3025	424	3843	0	721	7512	7214	-1025	14202	0	14202	1898	16100	50.04
11	2402	254	271	2927	468	3669	0	903	7740	7771	-1015	14723	0	14723	1888	16611	50.07
12	2445	289	278	3012	442	3648	0	1019	8205	8314	-1029	15406	0	15406	1905	17311	50.00
13	2625	320	277	3222	505	3646	0	982	8223	8377	-1063	15669	0	15669	1934	17603	49.95
14	2633	355	268	3256	553	3649	0	937	8268	8117	-1072	15440	0	15440	1954	17394	50.03
15	2615	233	277	3125	577	3858	0	843	8322	8261	-1103	15561	0	15561	1985	17546	50.05
16	2778	345	267	3390	681	3860	0	611	8244	8486	-1091	15937	0	15937	1974	17911	50.03
17	2778	155	279	3212	883	3933	0	376	7865	7605	-1021	14988	0	14988	1921	16909	50.02
18	2645	300	270	3215	1058	3885	0	161	6578	6592	-959	13952	0	13952	1860	15812	50.05
19	2562	247	292	3101	1465	3738	0	56	5755	5942	-968	13334	0	13334	1844	15178	50.02
20	2684	207	284	3175	1592	3808	0	0	5812	5919	-1123	13371	0	13371	2000	15371	50.06
21	2780	314	273	3367	1277	3958	0	0	5819	5500	-1051	13051	0	13051	2113	15164	50.00
22	2675	518	294	3487	1208	4043	0	0	5676	5826	-938	13626	0	13626	2192	15818	50.02
23	2907	525	274	3706	1144	4051	0	0	6142	6496	-1036	14361	0	14361	2297	16658	49.97
24	2933	382	284	3599	1037	4144	0	0	6721	6777	-1153	14404	0	14404	2389	16793	49.96
MUs	64.65	7.95	6.72	79.32	24.78	93.92	0.00	7.33	170.71	170.74	-24.34	351.76	0.00	351.76	48.52	400.28	50.01

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 01/May/2020

Position as on 6.30 Hrs of 02/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 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	
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	Parli Unit 7	250	22/03/2020	10.45		Continued.	Zero Schedule. (R S D FROM 10:45 TO 16:00 Hrs.)	
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	Parli Unit 8	250	23/03/2020	18.00		Continued.	Zero Schedule.	
MSPGCL	Nasik Unit 4	210	25/03/2020	19.45		Continued.	Reserve Shut Down.	
MSPGCL	Chandrapur Unit 4	210	26/03/2020	16.06		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Chandrapur Unit 5	500	26/03/2020	20.29		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Chandrapur Unit 7	500	28/03/2020	23.56		Continued.	Zero Schedule.	
MSPGCL	Uran Unit 5	108	06/04/2020	13.23		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 01/May/2020

Position as on 6.30 Hrs of 02/May/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 3	210	10/04/2020	20.30		Continued.	Zero Schedule By MSEDCL	
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 9	660	12/04/2020	01.10		Continued.	Zero schedule.	
MSPGCL	Koradi Unit 10	660	12/04/2020	02.01		Continued.	Zero schedule.	
MSPGCL	Khaparkheda Unit 1	210	22/04/2020	20.45		Continued.	Zero Schedule By MSEDCL	
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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/May/2020

Statement-VII

Position as on 6.30 Hrs of 02/May/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 - Tirora - I	IntraState	01/05/2020	15.04	01/05/2020	16.08	T	Distance Protection
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
Dhule- Bableshtar - I	IntraState	24/03/2020	20.20		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	07/04/2020	23.58		Continued.	EO	To attend Hot Spot
Chandrapur - Parli	IntraState	19/04/2020	02.20		Continued.	T	Distance Protection(Tower collapsed at Loc.No.59.60.61)
Chandrapur-II - Nanded ckt II	IntraState	19/04/2020	02.21		Continued.	T	Distance Protection(Tower collapsed at Loc.No.59.60.61)
Babhaleshtar - Padghe-II	IntraState	20/04/2020	09.25		Continued.	PO	Quarterly Maintenance work & Relay Testing, for CVT replacement work (RFC at 21.22 Hrs).
Girwali - Lonikand 1	IntraState	20/04/2020	14.27		Continued.	HT	Controllin loading of Parli-Parli(PG D/C) Line.
Taptitanda Waluj	IntraState	22/04/2020	17.18		Continued.	T	Distance Protection (RFC at 14.08Hrs DT.24-4-20)
Jaigad-Karad Ckt-I	IntraState	28/04/2020	19.03	02/05/2020	09.11	HT	Over Voltage
Kharghar-Talegaon(PG)	IntraState	01/05/2020	11:28	01/05/2020	17:52	PO	Hot Spot attend & Maintenance work.
Bus B @ Kharghar	IntraState	02/05/2020	10.06	02/05/2020	17.21	EO	400KV Talegaon feeder B Bus Y Phase PG Isolator replacement work
Jejuri- Koynastage-IV	IntraState	02/05/2020	11.26	02/05/2020	12.03	T	Distance Protection
Chandrapur-II - Nanded ckt I	IntraState	02/05/2020	13.08	02/05/2020	17.46	T	Distance Protection
Parly(MS)- Nanded ckt I	IntraState	02/05/2020	13.08	02/05/2020	17.46	T	Fault SOTF Air Lock Out
Karad - Jaigad - II	IntraState	02/05/2020	19.23		Continued.	HT	Over Voltage
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	02/05/2020	20.21	02/05/2020	21.45	PO	Outage by Powergrid
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 Kv 500 MVA ICT-III @Kalwa	IntraState	28/03/2020	18.07		Continued.	HT	Over Voltage
400/220/33 Kv 500 MVA ICT-I @Lonikand 2	IntraState	17/04/2020	13.19		Continued.	PO	Attending Hot Spot
400/220 Kv 500 MVA ICT-IV @Kalwa	IntraState	19/04/2020	11.55		Continued.	HT	Over Voltage
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	29/04/2020	18.38		Continued.	T	tripped on NDR (charge from HV side 29/Apr/2020 23.12).
400/220 Kv 315 MVA ICT -I @New Koyana	IntraState	01/05/2020	08.46	01/05/2020	14.13	PO	B-ph LA Replacement
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	02/05/2020	09.50	02/05/2020	18.06	PO	To avail outage on B Bus
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	Isolation of 220KV Cables on MSETCL Tower NO.240
Lonand-Baramati	IntraState	16/02/2020	09.37		Continued.	PO	Erection of CTT-2 Tower Work For 220Kv Baramati-Lonand & Baramati Jejuri Cables Emanating from 220Kv Baramati S/Stn.

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 01/May/2020

Statement-VII

Position as on 6.30 Hrs of 02/May/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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
Sawantwadi-Bidri	IntraState	28/04/2020	18.47	01/05/2020	10.56	HT	Over Voltage
Walchandnagar-Bhigwan	IntraState	01/05/2020	11.10	01/05/2020	16.25	PO	Maintenance work
Lonikand1 (400 Kv)-Theur II	IntraState	01/05/2020	13.06	01/05/2020	15.26	PO	CT Leakage
220kv Lonand- Phaltan line	IntraState	01/05/2020	17.04	01/05/2020	18.30	PO	Attending Hot Spot
Sawantwadi-Bidri	IntraState	01/05/2020	19.25	02/05/2020	12.17	HT	Over Voltage
Amalner-Bambhori	IntraState	01/05/2020	23.45	02/05/2020	06.00	T	Distance Protection
Theur-Phursungi	IntraState	02/05/2020	08.41	02/05/2020	11.19	PO	Half yearly maintenance work
Theur-Phursungi ckt-2	IntraState	02/05/2020	11.43	02/05/2020	13.23	PO	Half yearly maintenance work
Satana-Gangapur	IntraState	02/05/2020	20.15	02/05/2020	21.41	EO	To attend Hot Spot
220 KV ICT Outages/Trippings							
220/110KV, 200MVA T/F-III at Mudshingi	InterState	27/04/2020	17.15		Continued.	HT	Over Voltage
Carnac : 220 / 110 / 33 315 MVA ICT 5	IntraState	14/03/2020	11.00		Continued.	PO	Shifting 220KV Side to New GIS
220/132 Kv 200 Mva Cgl Ict 3 @Babhleshwar	IntraState	02/05/2020	10.55	02/05/2020	13.00	PO	Quarterly Maintenance Work
220/132 Kv 100 Mva Ict 2 @Tuljapur	IntraState	02/05/2020	13.43	02/05/2020	16.04	PO	Quarterly Maintenance Work

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