

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 31/May/2020 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	136.953	2994.563	1) Gujrat	7.218	209.588
2) Hydro	3.602	462.907	2) Madhya Pradesh	12.335	369.383
3) Gas	3.209	182.890	3) Chattisgarh	4.830	222.390
Total MSPGCL	143.764	3640.360	4) Maharashtra	130.351	4157.936
B) 1) APLM	69.133	2113.227	5) Goa (Amona)	-0.308	-14.542
2) JSWEL	16.518	506.470	Total	154.426	4944.755
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.110	732.091
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.800	726.111
5) WPCL	2.601	82.648	c) MSEDCL Bilateral *	54.503	1611.998
6) Other IPP	8.175	257.461	Include PX	27.656	833.101
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.110	732.091
C) 1) TPCL Thermal	7.614	220.528	Include PX	16.166	504.833
2) TPCL Hydro	4.607	159.828	Standby	0.000	0.000
3) TPCL Gas	4.358	136.040	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.512	314.966	1) MSEDCL	392.580	11735.300
D) STATE			2) Mumbai Discoms	50.891	1557.467
1) Thermal	250.506	6489.863	TOTAL STATE	443.471	13292.767
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	8.209	622.735			
3) Gas (A3+B7+C3)	7.567	318.930			
4) Wind	16.321	687.401			
6) SOLAR	6.442	229.089			
TOTAL STATE	289.045	8348.018			

* 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 15 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	5869	5892	5307	5370
MSPGCL Hydro	217	112	136	112
MSPGCL Gas	137	124	139	132
MSPGCL Total Generation	6223	6128	5582	5614
Central Sector Receipt	7133	7368	4069	4735
WIND	241	372	1316	931
CPP / IPP Thermal	4233	4238	3679	3508
CPP / IPP Gas	0	0	0	0
SOLAR	911	648	40	0
Exchange with Mumbai	-1013	-939	-961	-1131
MSEDCL DEMAND MET	17728	17815	13725	13657
Load Shedding	0	0	0	0
MSEDCL DEMAND	17728	17815	13725	13657
TPCL GENERATION	555	798	522	918
AEML GENERATION	383	376	375	373
MUMBAI DEMAND	1951	2113	1858	2422
STATE DEMAND MET	19679	19928	15583	16079
STATE DEMAND	19679	19928	15583	16079
Frequency (Hz)	50.00	49.93	50.02	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 17.06 Hrs	49.79 Hz at 22.09 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 31/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	8.83	54.24	469	0
Unit 9	11.36	196.51	560	312
Unit 10	10.75	45.38	471	380
Total	30.93	296.13		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	2.49	2.49	365	0
Unit 5	10.12	41.38	500	355
Total	12.60	43.87		
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	5.29	80.10	238	206
Total	5.29	87.69		
Chandrapur				
Unit 3	4.24	82.90	185	163
Unit 4	3.93	59.49	167	160
Unit 5	10.04	180.60	450	360
Unit 6	0.01	284.72	13	0
Unit 7	10.01	225.02	460	361
Unit 8	10.58	339.07	480	360
Unit 9	10.25	318.05	455	365
Total	49.06	1489.84		
Paras				
Unit 3	5.74	142.83	256	200
Unit 4	5.69	153.72	258	200
Total	11.43	296.55		
Khaparkheda				
Unit 1	3.99	80.58	175	155
Unit 2	4.19	116.98	185	160
Unit 3	4.39	113.24	195	160
Unit 4	4.27	133.26	195	160
Unit 5	10.79	336.44	500	364
Total	27.63	780.49		
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	3.21	182.89	143	124
Total	3.21	182.89		
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)	0.20	7.85	43	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.20	7.85		
Koyna				
Stage 1-2	1.10	143.04	115	40
Stage 4	0.00	173.57	0	0
Stage 3	0.00	70.94	0	0
Total	1.10	387.54		
Hydro				
KDPH	0.70	22.87	29	29
VTRNA	0.00	0.00	0	0
TILLARI	0.39	1.70	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	8.52	74	0
RNGR+BHTSA	0.26	8.60	11	10
BHANDARDRA	0.42	14.09	31	10
ELDARY	0.00	3.36	0	0
SMLHY_PTN	0.55	16.22	32	20
GHATGHAR	0.00	0.00	0	0
Total	2.50	75.37		
Wind				
Total	16.32	687.40	0	0
Total	16.32	687.40		
CPP				
APML(Mus)	69.13	2113.23	0	0
JSWEL(Mus)	16.52	506.47	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.60	82.65	0	0
Other(Mus)	8.18	257.46	0	0
Total	96.43	2959.81		
SOLAR				
Total	6.44	229.09	0	0
Total	6.44	229.09		
Tata				
Trombay 5	7.61	220.53	411	304
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.79	86.98	118	110
Trombay 7B	1.57	49.06	67	63
Trombay 8	0.00	0.00	0	0
TATA Hydro	4.61	159.83	456	39
Total	16.58	516.40		
AEML				
DTPS U-1&2	9.51	314.97	502	372
Total	9.51	314.97		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	136.95	2994.56	MSPGCL Total	143.76	3640.36
			MSPGCL Thml+Gas	140.16	3177.45	Koyna 1,2 & 4 Total	1.10	316.60
			MSPGCL Hydro	3.60	462.91	State Total	289.04	8348.02

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 31/May/2020

Annexure-2

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	5725	174	142	6041	807	4229	0	0	6900	7611	-1128	17560	0	17560	2585	20145	49.99
2	5714	169	131	6014	773	4226	0	0	7255	7254	-1037	17230	0	17230	2447	19677	50.01
3	5763	184	142	6089	892	4219	0	0	7527	7257	-1217	17240	0	17240	2302	19542	50.03
4	5800	175	132	6107	629	4246	0	0	7227	7191	-1262	16911	0	16911	2192	19103	49.99
5	5864	171	142	6177	696	4259	0	0	7087	7174	-1105	17201	0	17201	2129	19330	50.02
6	5888	188	131	6207	681	4249	0	0	7827	7513	-1142	17508	0	17508	2079	19587	49.93
7	5952	155	142	6249	552	4256	0	63	8153	7663	-946	17837	0	17837	1964	19801	50.02
8	5989	112	131	6232	451	4221	0	243	7780	7286	-988	17445	0	17445	1919	19364	50.00
9	5769	112	140	6021	349	4261	0	498	7194	7160	-980	17309	0	17309	1914	19223	50.01
10	5625	142	129	5896	345	4233	0	714	6872	7093	-942	17339	0	17339	1944	19283	50.06
11	5888	186	127	6201	340	4262	0	852	7383	6860	-908	17607	0	17607	1948	19555	50.05
12	5869	217	137	6223	241	4233	0	911	7718	7133	-1013	17728	0	17728	1951	19679	50.00
13	5866	168	125	6159	280	4246	0	752	8068	7446	-1010	17873	0	17873	1960	19833	49.99
14	5821	145	125	6091	236	4295	0	654	7849	7288	-1024	17540	0	17540	2013	19553	50.01
15	5892	112	124	6128	372	4238	0	648	7958	7368	-939	17815	0	17815	2113	19928	49.93
16	5984	112	135	6231	319	4046	0	565	8077	7539	-966	17734	0	17734	2160	19894	50.02
17	5920	117	126	6163	663	3925	0	357	7294	6838	-900	17046	0	17046	2092	19138	50.03
18	5625	117	129	5871	1204	3815	0	145	6081	5310	-878	15467	0	15467	1959	17426	50.08
19	5307	136	139	5582	1316	3679	0	40	5015	4069	-961	13725	0	13725	1858	15583	50.02
20	5418	142	132	5692	1406	3399	0	0	4440	3945	-1088	13354	0	13354	1993	15347	50.01
21	5448	137	141	5726	1367	3292	0	0	3985	3507	-981	12911	0	12911	2133	15044	49.98
22	5391	207	132	5730	863	3332	0	0	3646	4031	-944	13012	0	13012	2263	15275	50.01
23	5370	112	132	5614	931	3508	0	0	4614	4735	-1131	13657	0	13657	2422	16079	49.98
24	5065	112	143	5320	608	3758	0	0	5253	5155	-1310	13531	0	13531	2551	16082	50.01
MUs	136.95	3.60	3.21	143.76	16.32	96.43	0.00	6.44	161.20	154.43	-24.80	392.58	0.00	392.58	50.89	443.47	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 31/May/2020

Position as on 6.30 Hrs of 01/Jun/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	31/05/2020	14.51	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.	
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.	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Shaft position	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Shaft Position	
MSPGCL	Koyna STG-IV Unit-3	250	28/05/2020	11.30		Continued.	Valve Replacement Work.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 31/May/2020

Position as on 6.30 Hrs of 01/Jun/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 6	500	29/05/2020	23.57	31/05/2020	23.46	Boiler Steaming Validity Extension	
MSPGCL	Koradi Unit-8	660	31/05/2020	22.56		Continued.	Heavy steam Leakage in super heater.	
MSPGCL	Bhusawal Unit 4	500	01/06/2020	07.16		Continued.	Zero Schedule By MSEDCL	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 31/May/2020

Statement-VII

Position as on 6.30 Hrs of 01/Jun/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							
Ektuni-Akola II Ckt 2	IntraState	31/05/2020	23.11	01/06/2020	00.13	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	30/05/2020	18.00		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	30/05/2020	18.41	31/05/2020	07.11	HT	Over Voltage
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	31/05/2020	07.42	31/05/2020	08.53	PO	Low Gas
Chandrapur - Parli	IntraState	31/05/2020	09.18	31/05/2020	13.55	T	Distance Protection
Lonikand I - Koyna stage-IV	IntraState	31/05/2020	12.44	31/05/2020	13.36	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	31/05/2020	17.29		Continued.	HT	Over Voltage
Padghe - Nagothane - I	IntraState	31/05/2020	18.05		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	31/05/2020	19.18		Continued.	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	01/06/2020	01.53		Continued.	T	Distance Protection
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 315mva Ict3 @Lonikand	IntraState	31/05/2020	08.15	31/05/2020	22.14	PO	OLTC Overhauling 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)
WARDHA WARDHA (PG) (DEOLI)	InterState	30/05/2020	22.09	31/05/2020	02.39	HT	Hand Tripped due to Control OD
Mahalakshmi Amona	InterState	31/05/2020	22.04	31/05/2020	23.08	T	Distance Protection
Tillari Amona	InterState	31/05/2020	22.10	31/05/2020	23.09	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	Isolation of 220KV Cables on MSETCL Tower NO.240
Bableshtar -Ahamadnagar-I	IntraState	30/05/2020	08.40	31/05/2020	00.54	EO	Attending Hot Spot
Deoli(Pgcil)-Badnera	IntraState	30/05/2020	21.51	31/05/2020	02.35	HT	Hand Tripped due to Control OD
Waluj - Chitegaon I	IntraState	30/05/2020	22.48	31/05/2020	02.40	HT	Hand Tripped due to Control OD
Boisar II - Tarapur	IntraState	31/05/2020	08.16	31/05/2020	20.51	PO	Conductor Stringing work
Tata Borivli MSETCL Borivli 5	IntraState	31/05/2020	09.50	31/05/2020	14.58	PO	Replacement of Y Phase LA
Kalwa - Colourchem	IntraState	31/05/2020	10.05	31/05/2020	17.44	PO	Replacement of Disc Insulators
Trombay - Kalwa	IntraState	01/06/2020	06.45		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 100 MVA ICT II @Vasai-li	IntraState	31/05/2020	09.36	31/05/2020	12.14	PO	Y Phase LA Replacement
Sahar : 220 / 33 125 MVA Power Transformer 1	IntraState	31/05/2020	11.38	31/05/2020	14.11	PO	Routine Maintenance Work
Sahar : 220 / 33 125 MVA Power Transformer 2	IntraState	31/05/2020	14.07	31/05/2020	17.15	PO	Premonsoon work
Dharavi : 220 / 110 / 33 250 MVA ICT 8	IntraState	31/05/2020	14.20	31/05/2020	17.15	PO	Routine Maintenance Work

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