

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/May/2020 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	96.402	1493.990	1) Gujrat	4.860	117.405
2) Hydro	19.011	299.838	2) Madhya Pradesh	7.033	219.357
3) Gas	6.610	118.569	3) Chattisgarh	6.430	144.050
Total MSPGCL	122.023	1912.397	4) Maharashtra	120.650	2480.717
B) 1) APML	66.777	1228.444	5) Goa (Amona)	-0.638	-8.602
2) JSWEL	16.657	285.830	Total	138.335	2952.927
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.448	416.388
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	20.961	429.622
5) WPCL	2.690	47.917	c) MSEDCL Bilateral *	30.415	998.581
6) Other IPP	9.602	143.414	Include PX	4.661	566.544
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.448	416.388
C) 1) TPCL Thermal	7.523	122.674	Include PX	16.318	295.209
2) TPCL Hydro	5.767	92.269	Standby	0.000	0.000
3) TPCL Gas	4.396	79.060	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.816	174.321	1) MSEDCL	367.885	6573.661
D) STATE			2) Mumbai Discoms	50.463	897.939
1) Thermal	211.467	3496.590	TOTAL STATE	418.348	7471.600
(A1+C1+C4+(B1-B6))					
2) Hydro	24.778	392.107			
(A2+C2)					
3) Gas	11.006	197.629			
(A3+B7+C3)					
4) Wind	25.837	301.417			
6) SOLAR	6.925	130.937			
TOTAL STATE	280.013	4518.680			

* 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 22 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3892	4151	4303	3773
MSPGCL Hydro	395	1027	748	264
MSPGCL Gas	273	262	280	280
MSPGCL Total Generation	4560	5440	5331	4317
Central Sector Receipt	6396	6689	5146	5451
WIND	1167	958	1121	1305
CPP / IPP Thermal	3992	3985	4026	4010
CPP / IPP Gas	0	0	0	0
SOLAR	928	814	0	0
Exchange with Mumbai	-1040	-891	-786	-766
MSEDCL DEMAND MET	16003	16995	14838	14317
Load Shedding	0	0	0	0
MSEDCL DEMAND	16003	16995	14838	14317
TPCL GENERATION	586	791	948	780
AEML GENERATION	482	501	503	502
MUMBAI DEMAND	2108	2183	2237	2048
STATE DEMAND MET	18111	19178	17075	16365
STATE DEMAND	18111	19178	17075	16365
Frequency (Hz)	49.99	49.94	49.99	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 19.01 Hrs	49.78 Hz at 14.12 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 18/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	12.64	49.48	535	500
Unit 10	0.00	0.00	0	0
Total	12.64	49.48		
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	4.34	26.81	185	167
Unit 4	3.97	24.56	170	160
Unit 5	10.51	68.95	450	429
Unit 6	4.18	173.19	450	0
Unit 7	0.00	99.20	0	0
Unit 8	10.76	198.51	475	430
Unit 9	10.57	184.87	450	420
Total	44.33	776.10		
Paras				
Unit 3	4.92	82.78	229	168
Unit 4	5.68	101.96	253	209
Total	10.60	184.74		
Khaparkheda				
Unit 1	4.08	27.70	175	160
Unit 2	4.43	60.92	190	180
Unit 3	4.56	60.89	196	188
Unit 4	4.56	76.56	193	180
Unit 5	11.19	193.59	500	425
Total	28.83	419.66		
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	6.61	118.57	282	262
Total	6.61	118.57		
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)	0.55	3.82	54	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.55	3.82		
Koyna				
Stage 1-2	6.43	90.25	520	45
Stage 4	6.90	118.38	983	0
Stage 3	2.87	45.89	194	80
Total	16.20	254.52		
Hydro				
KDPH	0.74	13.64	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.	0.28	5.10	80	0
RNGR+BHTSA	0.26	4.91	11	9
BHANDARDRA	0.47	8.47	37	11
ELDARY	0.53	2.70	23	22
SMLHY_PTN	0.53	10.50	31	19
GHATGHAR	0.00	0.00	0	0
Total	2.81	45.32		
Wind				
Total	25.84	301.42	0	0
Total	25.84	301.42		
CPP				
APML(Mus)	66.78	1228.44	0	0
JSWEL(Mus)	16.66	285.83	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.69	47.92	0	0
Other(Mus)	9.60	143.41	0	0
Total	95.73	1705.60		
SOLAR				
Total	6.92	130.94	0	0
Total	6.92	130.94		
Tata				
Trombay 5	7.52	122.67	397	303
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	50.50	117	116
Trombay 7B	1.59	28.56	67	66
Trombay 8	0.00	0.00	0	0
TATA Hydro	5.77	92.27	459	40
Total	17.69	294.00		
AEML				
DTPS U-1&2	11.82	174.32	503	412
Total	11.82	174.32		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	96.40	1493.99	MSPGCL Total	122.02	1912.40
			MSPGCL Thml+Gas	103.01	1612.56	Koyna 1,2 & 4 Total	13.33	208.63
			MSPGCL Hydro	19.01	299.84	State Total	280.01	4518.68

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/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	3859	838	280	4977	1153	4008	0	0	5756	5640	-991	14787	0	14787	2369	17156	50.01
2	3855	960	280	5095	1232	4013	0	0	5463	5274	-899	14715	0	14715	2263	16978	50.00
3	3827	610	280	4717	1337	3992	0	0	5453	5358	-822	14582	0	14582	2150	16732	50.00
4	3773	264	280	4317	1305	4010	0	0	5441	5451	-766	14317	0	14317	2048	16365	50.01
5	3790	521	282	4593	1255	3976	0	0	5312	5383	-725	14482	0	14482	2007	16489	50.04
6	3777	1037	272	5086	1441	3967	0	0	5697	5714	-649	15559	0	15559	2015	17574	50.05
7	3799	884	280	4963	1165	3962	0	65	6157	6300	-600	15855	0	15855	1904	17759	50.00
8	3841	861	281	4983	1006	3992	0	201	5866	5929	-774	15337	0	15337	1870	17207	50.04
9	3872	773	278	4923	1088	3994	0	505	5669	5664	-873	15301	0	15301	1930	17231	50.02
10	3872	720	267	4859	1165	4001	0	692	5837	5717	-890	15544	0	15544	2004	17548	49.99
11	3893	342	277	4512	1222	3995	0	784	6096	5925	-1060	15378	0	15378	2070	17448	50.02
12	3892	395	273	4560	1167	3992	0	928	6109	6396	-1040	16003	0	16003	2108	18111	49.99
13	3959	392	273	4624	1115	3968	0	907	6292	6498	-987	16125	0	16125	2108	18233	49.99
14	4049	456	263	4768	933	3994	0	911	6289	6322	-901	16027	0	16027	2131	18158	49.96
15	4151	1027	262	5440	958	3985	0	814	6527	6689	-891	16995	0	16995	2183	19178	49.94
16	4177	1304	274	5755	717	3953	0	565	6722	6678	-890	16778	0	16778	2177	18955	49.99
17	4149	1490	265	5904	767	3997	0	356	6086	6288	-818	16494	0	16494	2091	18585	50.02
18	4219	1650	276	6145	715	3954	0	173	5290	5352	-906	15433	0	15433	1965	17398	50.00
19	4239	611	278	5128	747	3919	0	24	5134	5066	-901	13983	0	13983	1888	15871	50.02
20	4260	730	280	5270	754	4009	0	0	5059	5255	-965	14323	0	14323	2009	16332	50.00
21	4267	830	270	5367	826	4018	0	0	5095	5148	-914	14445	0	14445	2148	16593	50.00
22	4303	748	280	5331	1121	4026	0	0	5140	5146	-786	14838	0	14838	2237	17075	49.99
23	4306	794	279	5379	1235	4000	0	0	5392	5510	-901	15223	0	15223	2354	17577	49.91
24	4273	774	280	5327	1413	4001	0	0	5696	5632	-1012	15361	0	15361	2434	17795	49.99
MUs	96.40	19.01	6.61	122.02	25.84	95.73	0.00	6.92	137.58	138.34	-20.96	367.89	0.00	367.89	50.46	418.35	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 18/May/2020

Position as on 6.30 Hrs of 19/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 18/May/2020

Position as on 6.30 Hrs of 19/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 7	500	14/05/2020	21.30		Continued.	malfunction of over speed device	
MSPGCL	Parli Unit 8	250	16/05/2020	18.00		Continued.	Zero Schedule	
MSPGCL	Chandrapur Unit 6	500	17/05/2020	18.06	18/05/2020	12.15	Y phase Bushing Oil Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/May/2020

Statement-VII

Position as on 6.30 Hrs of 19/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		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	14/05/2020	18.29		Continued.	T	Distance Protection
Karad-Jaigad - I	IntraState	15/05/2020	19.14		Continued.	HT	Over Voltage
Akola-Nandgaonpeth (RPL)	IntraState	18/05/2020	06.58	18/05/2020	17.32	EO	Work of Fixing of Spacers Cum Vibration Dampers & Tightening of Jumpers of All Cut Point Location of Lilo Line are to be Carried Out.
Lamboti-Pgcil	IntraState	18/05/2020	10.46	18/05/2020	16.56	EO	Replacement of Faulty Disc Insulator Strings Detected In PID.
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.)
400/220/33 Kv 500 MVA ICT-II @Lonikand 2	IntraState	11/05/2020	06.18	18/05/2020	12.29	PO	Over Voltage
400/220kv 315 Mva ICT II @Karad	IntraState	18/05/2020	08.17	18/05/2020	20.12	EO	Erection of 220kv Cross Arm for RRS Scheme & Connection of IPS Tubes of 400kv PG Isolator.
400/220KV 315MVA ICT-II @Akola (M)	IntraState	18/05/2020	08.52	18/05/2020	14.55	PO	Routine Maintenance, Testing And Pre-monsoon Work.
400/220/33 Kv 315 MVA ICT -I @Nagothane	IntraState	18/05/2020	09.44	18/05/2020	19.07	PO	Pre-monsoon Maintenance And Diagnostic Testing Work.
400/132 KV 200MVA ICT II @Bhusawal	IntraState	18/05/2020	11.00	18/05/2020	13.03	PO	Pre-monsoon Maintenance 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)
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 1	IntraState	26/03/2020	10.20		Continued.	HT	Over Voltage
Hinjewadi2 - Hinjewadi 3 ckt II	IntraState	26/03/2020	10.20		Continued.	HT	Over Voltage
Deepnagar Bambhori	IntraState	15/05/2020	17.16		Continued.	T	Distance Protection
Sawantwadi-Bidri	IntraState	15/05/2020	19.52		Continued.	HT	Over Voltage
Theur-Jejuri	IntraState	16/05/2020	19.13		Continued.	T	Distance Protection
Theur-Jejuri	IntraState	17/05/2020	19.00		Continued.	HT	Over Voltage
Bus Coupler @ Koradi	IntraState	18/05/2020	09.10		Continued.	PO	CB Mechanism Drive Overhauling Work Upto.
Talandge-Hamidwada	IntraState	18/05/2020	09.46	18/05/2020	16.31	PO	Quarterly Maintenance Work
VARKUTI(MALWADI) HIWARWADI	IntraState	18/05/2020	13.22	18/05/2020	16.03	PO	Relay Testing Work
220 KV ICT Outages/Trippings							
220/132Kv 200MVA ICT-I @ Chikhali	IntraState	09/05/2020	14.06		Continued.	PO	Oil Filtration work
220KV/132KV ICT I @ Bhusawal II	IntraState	18/05/2020	06.09	18/05/2020	10.57	PO	Pre-monsoon Maintenance Work.
220/132 Kv 100 Mva Ict 1 @Bhokardan	IntraState	18/05/2020	08.12	18/05/2020	09.58	PO	Pre-monsoon Maintenance Work.
220/132 kv 100 MVA ICT II@Malegaon	IntraState	18/05/2020	09.33	18/05/2020	17.50	PO	Pre-monsoon Maintenance Work.
220/100 Kv 200 MVA ICT-II	IntraState	18/05/2020	10.12	18/05/2020	19.39	PO	Pre-monsoon Maintenance Work

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 18/May/2020

Statement-VII

Position as on 6.30 Hrs of 19/May/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Trombay							of ICT-2.
220/132 kV 200 MVA ICT- I @ Nanded	IntraState	18/05/2020	10.49	18/05/2020	16.50	PO	Pre-monsoon Maintenance Work.
220/132KV 100MVA ICT-I@Partur	IntraState	18/05/2020	11.10	18/05/2020	11.46	PO	Pre-monsoon Maintenance Work.
220/132 kV 100 MVA ICT @ Anjangaon	IntraState	18/05/2020	11.15	18/05/2020	18.35	PO	Pre-monsoon Maintenance Work.
220/132 KV 100MVA ICT-II @ Bhokar	IntraState	18/05/2020	12.50	18/05/2020	13.39	PO	Pre-monsoon Maintenance Work.
220/132KV 100MVA -1@Alephata	IntraState	18/05/2020	13.40	18/05/2020	19.30	PO	Pre-monsoon Maintenance Work.