

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/May/2020 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	99.694	1397.588	1) Gujrat	6.121	112.545
2) Hydro	14.005	280.827	2) Madhya Pradesh	8.896	212.324
3) Gas	6.603	111.959	3) Chattisgarh	6.500	137.620
Total MSPGCL	120.302	1790.374	4) Maharashtra	117.367	2360.067
B) 1) APMIL	66.067	1161.667	5) Goa (Amona)	-0.748	-7.964
2) JSWEL	16.422	269.173	Total	138.136	2814.592
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.241	392.939
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	20.310	408.661
5) WPCL	2.696	45.227	c) MSEDCL Bilateral *	30.012	968.166
6) Other IPP	9.450	133.812	Include PX	4.331	561.883
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.241	392.939
C) 1) TPCL Thermal	8.178	115.151	Include PX	15.551	278.891
2) TPCL Hydro	5.214	86.502	Standby	0.000	0.000
3) TPCL Gas	4.397	74.664	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.994	162.505	1) MSEDCL	355.877	6205.776
D) STATE			2) Mumbai Discoms	49.093	847.476
1) Thermal	213.501	3285.123	TOTAL STATE	404.970	7053.252
(A1+C1+C4+(B1-B6))					
2) Hydro	19.219	367.329			
(A2+C2)					
3) Gas	11.000	186.623			
(A3+B7+C3)					
4) Wind	16.269	275.580			
6) SOLAR	6.845	124.012			
TOTAL STATE	266.834	4238.667			

* 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	4096	4286	3757	4400
MSPGCL Hydro	273	767	488	444
MSPGCL Gas	264	264	280	293
MSPGCL Total Generation	4633	5317	4525	5137
Central Sector Receipt	6219	6581	5543	5212
WIND	474	574	1151	608
CPP / IPP Thermal	3886	3878	3934	3999
CPP / IPP Gas	0	0	0	0
SOLAR	958	599	0	0
Exchange with Mumbai	-718	-651	-922	-1008
MSEDCL DEMAND MET	15452	16298	14231	13948
Load Shedding	0	0	0	0
MSEDCL DEMAND	15452	16298	14231	13948
TPCL GENERATION	689	857	834	810
AEML GENERATION	501	502	502	372
MUMBAI DEMAND	1908	2010	2258	2190
STATE DEMAND MET	17360	18308	16489	16138
STATE DEMAND	17360	18308	16489	16138
Frequency (Hz)	50.03	50.03	50.02	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.27 Hz at 17.04 Hrs	49.77 Hz at 00.07 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 17/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	11.12	36.84	532	400
Unit 10	0.00	0.00	0	0
Total	11.12	36.84		
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	4.32	22.47	190	163
Unit 4	3.97	20.60	169	160
Unit 5	10.22	58.44	460	375
Unit 6	8.33	169.00	475	0
Unit 7	0.00	99.20	0	0
Unit 8	10.83	187.75	475	400
Unit 9	10.76	174.30	470	400
Total	48.44	731.77		
Paras				
Unit 3	5.20	77.86	250	180
Unit 4	5.70	96.28	258	214
Total	10.90	174.14		
Khaparkheda				
Unit 1	4.17	23.62	180	160
Unit 2	4.44	56.49	190	180
Unit 3	4.55	56.32	195	185
Unit 4	4.52	72.00	195	180
Unit 5	11.56	182.40	500	465
Total	29.24	390.83		
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	6.60	111.96	294	262
Total	6.60	111.96		
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)	0.51	3.27	52	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.51	3.27		
Koyna				
Stage 1-2	6.30	83.82	535	45
Stage 4	2.82	111.48	455	0
Stage 3	2.05	43.02	160	0
Total	11.17	238.32		
Hydro				
KDPH	0.77	12.90	32	32
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	4.82	80	0
RNGR+BHTSA	0.27	4.65	12	11
BHANDARDRA	0.47	8.00	37	11
ELDARY	0.51	2.16	22	20
SMLHY_PTN	0.54	9.98	31	20
GHATGHAR	0.00	0.00	0	0
Total	2.84	42.51		
Wind				
Total	16.27	275.58	0	0
Total	16.27	275.58		
CPP				
APML(Mus)	66.07	1161.67	0	0
JSWEL(Mus)	16.42	269.17	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.70	45.23	0	0
Other(Mus)	9.45	133.81	0	0
Total	94.64	1609.88		
SOLAR				
Total	6.84	124.01	0	0
Total	6.84	124.01		
Tata				
Trombay 5	8.18	115.15	426	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	47.69	118	116
Trombay 7B	1.59	26.97	67	66
Trombay 8	0.00	0.00	0	0
TATA Hydro	5.21	86.50	387	68
Total	17.79	276.32		
AEML				
DTPS U-1&2	10.99	162.50	503	372
Total	10.99	162.50		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	99.69	1397.59	MSPGCL Total	120.30	1790.37
			MSPGCL Thml+Gas	106.30	1509.55	Koyna 1,2 & 4 Total	9.12	195.30
			MSPGCL Hydro	14.00	280.83	State Total	266.83	4238.67

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/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	4367	214	271	4852	919	3987	0	0	5782	5770	-1182	14346	0	14346	2434	16780	49.93
2	4400	341	272	5013	782	3995	0	0	5503	5493	-1093	14190	0	14190	2317	16507	50.00
3	4400	444	293	5137	608	3999	0	0	5344	5212	-1008	13948	0	13948	2190	16138	50.03
4	4433	411	272	5116	755	4001	0	0	5263	5222	-929	14165	0	14165	2090	16255	50.02
5	4391	461	283	5135	915	3975	0	0	5252	5260	-902	14383	0	14383	2044	16427	49.99
6	4376	801	273	5450	659	3992	0	0	5652	5637	-867	14871	0	14871	2015	16886	50.02
7	4349	983	294	5626	533	3989	0	38	6091	5817	-812	15191	0	15191	1895	17086	50.01
8	4286	820	282	5388	476	3954	0	191	5883	5879	-860	15028	0	15028	1837	16865	50.03
9	4298	617	270	5185	518	3992	0	373	5689	5496	-804	14760	0	14760	1856	16616	49.99
10	4249	472	287	5008	339	3939	0	651	5759	5661	-799	14799	0	14799	1870	16669	50.03
11	3969	274	265	4508	419	3880	0	814	6060	5986	-742	14865	0	14865	1899	16764	50.02
12	4096	273	264	4633	474	3886	0	958	6075	6219	-718	15452	0	15452	1908	17360	50.03
13	4226	241	272	4739	561	3932	0	950	6283	6150	-722	15610	0	15610	1910	17520	49.97
14	4213	343	262	4818	482	3924	0	924	6311	6432	-734	15846	0	15846	1962	17808	50.00
15	4266	507	272	5045	501	3908	0	811	6571	6688	-639	16314	0	16314	1989	18303	50.04
16	4286	767	264	5317	574	3878	0	599	6662	6581	-651	16298	0	16298	2010	18308	50.03
17	4196	1037	274	5507	592	3873	0	340	6165	6152	-621	15843	0	15843	1955	17798	50.04
18	4209	1101	277	5587	546	3904	0	159	5414	5564	-724	15036	0	15036	1862	16898	50.10
19	3831	418	269	4518	605	3911	0	37	5418	5452	-722	13801	0	13801	1831	15632	50.01
20	3805	710	279	4794	654	3918	0	0	5292	5463	-875	13954	0	13954	1973	15927	50.02
21	3828	681	279	4788	1053	3915	0	0	5271	5353	-889	14220	0	14220	2146	16366	49.98
22	3757	488	280	4525	1151	3934	0	0	5373	5543	-922	14231	0	14231	2258	16489	50.02
23	3736	702	269	4707	1131	3967	0	0	5636	5603	-978	14430	0	14430	2347	16777	50.01
24	3727	899	280	4906	1022	3982	0	0	5857	5503	-1117	14296	0	14296	2495	16791	49.95
MUs	99.69	14.00	6.60	120.30	16.27	94.64	0.00	6.84	138.61	138.14	-20.31	355.88	0.00	355.88	49.09	404.97	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 17/May/2020

Position as on 6.30 Hrs of 18/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 17/May/2020

Position as on 6.30 Hrs of 18/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		Continued.	Y phase Bushing Oil Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 17/May/2020

Statement-VII

Position as on 6.30 Hrs of 18/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
Lamboti - Solapur (PG)	InterState	17/05/2020	10.20	17/05/2020	19.58	PO	Replacement of faulty String Insulator Rod.
Padghe - Nagothane - II	IntraState	07/04/2020	23.58		Continued.	EO	To attend Hot Spot(RFC 29.04.2020 Over voltage).
Dhule- Bableshwar - I	IntraState	13/05/2020	18.23	17/05/2020	08.25	HT	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
Dhule - Bableshwar - II	IntraState	17/05/2020	08.28	17/05/2020	13.05	PO	Earth Wire Stringing Work.
Main Bus I @ Kalwa	IntraState	17/05/2020	11.15	17/05/2020	19.46	T	Damaged Scissor replacement of B ph. 29 A isolator, 600 MVA ICT II bay , Chemical cleaning of insulators. Bus PT Maint.
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		Continued.	PO	Over Voltage
400/220 kv 500 MVA ICT-III @ Kalwa	IntraState	17/05/2020	01.12	17/05/2020	09.54	EO	Attending Red Hot Spot
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
BHUGAON WARORA CKT-II	IntraState	17/05/2020	00.24	17/05/2020	00.42	T	Distance Protection
Adlabs - Pdambe	IntraState	17/05/2020	02.46	17/05/2020	14.20	T	Distance Protection
Valve-Jamde	IntraState	17/05/2020	08.06	17/05/2020	09.50	EO	To attend Hot Spot
Padghe - Wada	IntraState	17/05/2020	09.17	17/05/2020	13.33	PO	For Attending Problem Of Isolators Of Line & Aux.BUs & Earth Isolator
Theur-Jejuri	IntraState	17/05/2020	19.00		Continued.	HT	Over Voltage
220 KV ICT Outages/Trippings							
220/132Kv 200MVA ICT-I @ Chikhali	IntraState	09/05/2020	14.06		Continued.	PO	Oil Filtration work
220/33 Kv 100 Mva Alstom Ptr 1 @Valve	IntraState	16/05/2020	07.38	17/05/2020	10.57	PO	Premonsoon Maintenance Work.

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