

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	88.571	1563.453	1) Gujrat	14.404	82.353
2) Hydro	5.359	142.368	2) Madhya Pradesh	3.726	100.255
3) Gas	3.360	48.834	3) Chattisgarh	4.120	90.220
Total MSPGCL	97.290	1754.655	4) Maharashtra	121.392	1963.139
B) 1) APLM	28.146	702.819	5) Goa (Amona)	-0.594	-4.092
2) JSWEL	17.044	287.397	Total	143.048	2231.875
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.177	339.379
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	21.543	326.925
5) WPCL	2.667	43.828	c) MSEDCL Bilateral *	34.835	629.434
6) Other IPP	6.194	131.254	Include PX	10.558	215.606
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.177	339.379
C) 1) TPCL Thermal	7.838	130.523	Include PX	12.742	223.469
2) TPCL Hydro	5.267	77.560	Standby	0.000	0.000
3) TPCL Gas	4.387	74.742	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.933	168.207	1) MSEDCL	308.206	5377.657
D) STATE			2) Mumbai Discoms	47.968	777.952
1) Thermal	159.393	3027.481	TOTAL STATE	356.174	6155.609
(A1+C1+C4+(B1-B6))					
2) Hydro	10.626	219.928			
(A2+C2)					
3) Gas	7.747	123.576			
(A3+B7+C3)					
4) Wind	31.844	458.363			
6) SOLAR	3.516	94.391			
TOTAL STATE	213.126	3923.739			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3524	3954	4004	3538
MSPGCL Hydro	228	235	517	138
MSPGCL Gas	145	143	136	145
MSPGCL Total Generation	3897	4332	4657	3821
Central Sector Receipt	7118	6123	5978	5254
WIND	1331	1356	990	1212
CPP / IPP Thermal	2295	2415	2462	1958
CPP / IPP Gas	0	0	0	0
SOLAR	448	437	0	0
Exchange with Mumbai	-1155	-1271	-871	-806
MSEDCL DEMAND MET	13934	13392	13216	11439
Load Shedding	0	0	0	0
MSEDCL DEMAND	13934	13392	13216	11439
TPCL GENERATION	643	580	754	610
AEML GENERATION	371	370	375	373
MUMBAI DEMAND	2169	2221	2000	1789
STATE DEMAND MET	16103	15613	15216	13228
STATE DEMAND	16103	15613	15216	13228
Frequency (Hz)	50.01	50.06	50.04	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 13.00 Hrs	49.81 Hz at 07.20 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 17/Jun/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	18.14	0	0
Unit 10	0.00	18.21	0	0
Total	0.00	36.35		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	2.50	0	0
Unit 5	0.00	4.40	0	0
Total	0.00	6.91		
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	2.61	0	0
Total	0.00	2.61		
Chandrapur				
Unit 3	3.96	57.54	182	154
Unit 4	3.77	53.81	163	135
Unit 5	8.84	130.34	410	350
Unit 6	9.02	142.32	430	355
Unit 7	8.80	161.84	395	358
Unit 8	9.25	174.30	435	360
Unit 9	9.41	168.08	450	352
Total	53.05	888.23		
Paras				
Unit 3	4.86	86.70	225	187
Unit 4	4.87	90.42	240	191
Total	9.73	177.12		
Khaparkheda				
Unit 1	3.90	67.32	170	160
Unit 2	3.94	70.67	185	160
Unit 3	3.96	64.55	190	158
Unit 4	4.00	70.08	185	160
Unit 5	10.00	179.64	500	370
Total	25.80	452.25		
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	3.36	48.83	147	132
Total	3.36	48.83		
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)	0.10	2.29	23	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.10	2.29		
Koyna				
Stage 1-2	2.29	53.88	360	35
Stage 4	0.00	35.51	0	0
Stage 3	0.42	21.24	80	0
Total	2.71	110.63		
Hydro				
KDPH	0.43	6.06	27	0
VTRNA	0.00	0.00	0	0
TILLARI	1.02	10.19	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.32	1.66	40	0
RNGR+BHTSA	0.25	3.95	11	10
BHANDARDRA	0.43	7.32	35	10
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.20	2.55	17	6
GHATGHAR	0.00	0.00	0	0
Total	2.65	31.74		
Wind				
Total	31.84	458.36	0	0
Total	31.84	458.36		
CPP				
APML(Mus)	28.15	702.82	0	0
JSWEL(Mus)	17.04	287.40	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.67	43.83	0	0
Other(Mus)	6.19	131.25	0	0
Total	54.05	1165.30		
SOLAR				
Total	3.52	94.39	0	0
Total	3.52	94.39		
Tata				
Trombay 5	7.84	130.52	450	303
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	47.70	118	116
Trombay 7B	1.58	27.04	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	5.27	77.56	427	80
Total	17.49	282.82		
AEML				
DTPS U-1&2	8.93	168.21	375	370
Total	8.93	168.21		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	88.57	1563.45
MSPGCL Thml+Gas	91.93	1612.29
MSPGCL Hydro	5.36	142.37

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	97.29	1754.66
Koyna 1,2 & 4 Total	2.29	89.39
State Total	213.13	3923.74

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/Jun/2020

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	3564	179	135	3878	1346	2057	0	0	5670	5495	-874	11902	0	11902	2072	13974	49.96
2	3564	243	145	3952	1175	1970	0	0	5418	5445	-762	11780	0	11780	1957	13737	49.93
3	3539	138	136	3813	1284	1989	0	0	5365	5300	-828	11558	0	11558	1863	13421	49.97
4	3538	138	145	3821	1212	1958	0	0	5315	5254	-806	11439	0	11439	1789	13228	49.99
5	3524	123	136	3783	1218	1987	0	0	5410	5588	-773	11803	0	11803	1749	13552	50.00
6	3530	143	146	3819	1375	2237	0	0	5901	5833	-733	12531	0	12531	1737	14268	50.02
7	3539	152	136	3827	1279	2275	0	21	6526	6464	-716	13150	0	13150	1712	14862	50.02
8	3641	163	135	3939	1368	2346	0	105	6577	6698	-766	13690	0	13690	1769	15459	49.96
9	3815	154	144	4113	1453	2344	0	259	6685	6763	-881	14051	0	14051	1891	15942	49.95
10	3641	196	135	3972	1398	2332	0	344	7002	6990	-1032	14004	0	14004	2044	16048	49.99
11	3524	228	145	3897	1331	2295	0	448	7091	7118	-1155	13934	0	13934	2169	16103	50.01
12	3556	398	132	4086	1293	2314	0	398	6714	6745	-1238	13598	0	13598	2201	15799	50.01
13	3954	235	143	4332	1356	2415	0	437	6405	6123	-1271	13392	0	13392	2221	15613	50.06
14	3597	208	132	3937	1679	2296	0	420	6382	5988	-1249	13071	0	13071	2214	15285	50.05
15	3522	193	144	3859	1746	2202	0	406	6179	6020	-1064	13169	0	13169	2233	15402	49.98
16	3533	193	134	3860	1804	2033	0	330	6000	5845	-959	12913	0	12913	2183	15096	49.96
17	3512	383	144	4039	1151	1985	0	195	5574	6108	-866	12612	0	12612	2109	14721	50.01
18	3696	450	135	4281	1332	2301	0	122	5384	5702	-1003	12735	0	12735	1988	14723	50.03
19	3880	154	145	4179	1130	2433	0	31	5743	5967	-988	12752	0	12752	1936	14688	50.00
20	4004	517	136	4657	990	2462	0	0	5803	5978	-871	13216	0	13216	2000	15216	50.04
21	4052	247	147	4446	1005	2471	0	0	5864	5635	-575	12982	0	12982	2005	14987	50.01
22	4068	183	146	4397	1152	2461	0	0	5396	5503	-560	12953	0	12953	1992	14945	50.00
23	4032	168	137	4337	1345	2461	0	0	5359	5381	-702	12822	0	12822	2058	14880	50.01
24	3746	173	147	4066	1422	2427	0	0	5391	5105	-871	12149	0	12149	2076	14225	50.02
MUs	88.57	5.36	3.36	97.29	31.84	54.05	0.00	3.52	143.15	143.05	-21.54	308.21	0.00	308.21	47.97	356.17	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 17/Jun/2020

Position as on 6.30 Hrs of 18/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	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	Koradi Unit-8	660	31/05/2020	22.56		Continued.	Heavy steam Leakage in super heater.(Converted in To Zero schedule w.e.f	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 17/Jun/2020

Position as on 6.30 Hrs of 18/Jun/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							03.06.2020 01.28)	
MSPGCL	Bhusawal Unit 4	500	01/06/2020	07.16		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 5	500	01/06/2020	12.21		Continued.	Zero schedule By MSEDCL	
MSPGCL	Parli Unit 8	250	01/06/2020	13.13		Continued.	Zero schedule By MSEDCL	
MSPGCL	Koradi Unit 9	660	02/06/2020	15.42		Continued.	Flame Failure	
MSPGCL	Koradi Unit 10	660	03/06/2020	02.20		Continued.	Zero Schedule By MSEDCL.	
IPP	Adani U-1	660	03/06/2020	15.02		Continued.	RSD	
IPP	Adani U-5	660	04/06/2020	12.29		Continued.	Zero Schedule.	
IPP	Adani U-4	660	12/06/2020	10.30		Continued.	Zero Schedule	

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

Statement-VII

Position as on 6.30 Hrs of 18/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							
Koradi-III - Akola-II ckt-I	IntraState	17/06/2020	00.32	17/06/2020	01.22	HT	Over Voltage
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
Chandrapur Bhadravati I	InterState	14/06/2020	17.48		Continued.	HT	Over Voltage
Dhule Khandwa I	InterState	14/06/2020	18.02		Continued.	T	Bus-II B Phase CVT Burst
Padghe - Nagothane - I	IntraState	05/06/2020	00.25	17/06/2020	13.05	HT	Over Voltage (RFC At 20:20Hrs)
Babhaleshwar - Padghe-I	IntraState	08/06/2020	09.45		Continued.	EO	Attend CB Problem & Testing Work.(RFC at 20:20 Dt-08.06.2020)
Jaigad-Karad Ckt-I	IntraState	10/06/2020	23.22		Continued.	HT	Over Voltage
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	11/06/2020	10.40		Continued.	HT	Kept out due to No generation available at sinner ent.
Khadka-Aurangabad (Waluj)	IntraState	12/06/2020	17.00		Continued.	HT	Over Voltage
Dhule - Bableswhar - II	IntraState	14/06/2020	18.02		Continued.	T	Bus Fault at Dhule.Bus-II B phase CVT Burst(RFC 22.30 on date 15.06.2020 code 199).
karad -kolhapur-I	IntraState	15/06/2020	14.15	17/06/2020	09.35	PO	Line Maintenance Work (RFC 16.49)
Parly(MS)- Nanded ckt I	IntraState	16/06/2020	09.13	17/06/2020	07.14	PO	Isolator problem
Lonikand I - Koyna stage-IV	IntraState	16/06/2020	20.35	17/06/2020	09.35	HT	Over Voltage
Koradi-Bhusawal	IntraState	16/06/2020	21.42		Continued.	T	Over Voltage
Warora -IEPL	IntraState	17/06/2020	02.10	17/06/2020	07.26	T	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	17/06/2020	03.02	17/06/2020	10.25	HT	SF6 Gas low at N.Koyna end
Girwali-Solapur (Lamboti)	IntraState	17/06/2020	10.38	17/06/2020	19.05	PO	String replacement work
Chandrapur-II - Nanded ckt II	IntraState	17/06/2020	11.46	17/06/2020	19.54	PO	Routine Maintenance Work
karad -kolhapur-II	IntraState	17/06/2020	16.46		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	17/06/2020	23.13		Continued.	HT	Over Voltage
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.
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)
Boiser(M)-Boiser(PG) -III	InterState	17/06/2020	02.29	17/06/2020	03.14	EO	outage by Boiser PG
Butibori 3-Butibori 1	InterState	17/06/2020	10.27	17/06/2020	16.08	EO	Testing 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
Tembhurni - Jeur	IntraState	10/06/2020	10.57	17/06/2020	13.48	PO	Routine Maintenance Work
Sawantwadi-Bidri	IntraState	16/06/2020	23.35		Continued.	HT	Over Voltage
Dondaicha(220)-Amalner(220)	IntraState	17/06/2020	03.58	17/06/2020	13.17	T	Distance Protection
Dahanu Versova	IntraState	17/06/2020	08.19	17/06/2020	20.21	PO	Replacement of abnormal polymer Insulators
Kalmeshwar-Pandhurna	IntraState	17/06/2020	09.38	17/06/2020	16.55	PO	Routine Maintenance Work
Chandrapur(MIDC)-Ballarshah I	IntraState	17/06/2020	10.00	17/06/2020	14.40	PO	Routine Maintenance Work
Butibori - Wardha	IntraState	17/06/2020	10.00	17/06/2020	16.08	PO	Testing Work
Bableswhar -Ahamadnagar-I	IntraState	17/06/2020	10.05	17/06/2020	18.37	PO	Relay Retrofitting Work by Testing
Paranda-Barshi	IntraState	17/06/2020	10.05	17/06/2020	11.57	PO	Quarterly 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 17/Jun/2020

Statement-VII

Position as on 6.30 Hrs of 18/Jun/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Paranda-Barshi	IntraState	17/06/2020	10.20	17/06/2020	11.55	PO	Routine Maintenance Work
Wardha-Dhamangaon	IntraState	17/06/2020	17.42	17/06/2020	18.07	T	Bus Bar Prot.operated at Wardha
Wardha Butibori-III	IntraState	17/06/2020	17.42	17/06/2020	18.07	T	Bus Bar Prot.operated at Wardha
WARDHA - WARDHA (PG) (Deoli)	IntraState	17/06/2020	17.42	17/06/2020	18.39	T	Bus Bar Prot.operated at Wardha
Wardha-Yeotmal	IntraState	17/06/2020	17.42	18/06/2020	00.15	T	220KV Bus Section-II Bus Bar Prot.operated due to Y Phase Wave Trap Jumper of Yavatmal Ckt open.
220 KV ICT Outages/Trippings							
220/132 kV 100MVA ICT-I @ Shivajinagar	IntraState	13/06/2020	01.24		Continued.	T	Differential protection & main Buchholz trip.
220/132 Kv 200mva Alstom Ict 1 @Jalna	IntraState	17/06/2020	09.20	17/06/2020	18.55	PO	Routine Maintenance Work
220/132 Kv 200mva Kanohar Ict 3 @Bale (Solapur 2)	IntraState	17/06/2020	10.05	17/06/2020	14.05	PO	Earth leakage detection and Relay testing work

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