

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/Jun/2020 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	81.505	1730.327	1) Gujrat	14.537	110.382
2) Hydro	8.888	156.407	2) Madhya Pradesh	5.493	110.540
3) Gas	3.010	55.148	3) Chattisgarh	4.750	99.470
Total MSPGCL	93.403	1941.882	4) Maharashtra	114.679	2188.290
B) 1) APMIL	28.499	757.395	5) Goa (Amona)	-0.418	-5.544
2) JSWEL	15.932	319.053	Total	139.041	2503.138
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.536	380.007
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	21.135	369.605
5) WPCL	2.601	48.936	c) MSEDCL Bilateral *	27.172	683.099
6) Other IPP	6.799	144.427	Include PX	3.881	224.843
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.536	380.007
C) 1) TPCL Thermal	8.458	146.403	Include PX	12.338	248.794
2) TPCL Hydro	4.547	87.021	Standby	0.000	0.000
3) TPCL Gas	4.392	83.521	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.672	186.846	1) MSEDCL	308.534	5992.869
D) STATE			2) Mumbai Discoms	48.203	873.390
1) Thermal	153.466	3333.387	TOTAL STATE	356.737	6866.259
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	13.435	243.428			
3) Gas (A3+B7+C3)	7.402	138.669			
4) Wind	37.535	541.921			
6) SOLAR	5.859	105.722			
TOTAL STATE	217.697	4363.127			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 15 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	3524	3484	3578	3263
MSPGCL Hydro	358	196	241	212
MSPGCL Gas	122	120	123	127
MSPGCL Total Generation	4004	3800	3942	3602
Central Sector Receipt	7086	6016	5874	4845
WIND	1146	1653	1700	1837
CPP / IPP Thermal	2380	2330	2363	1884
CPP / IPP Gas	0	0	0	0
SOLAR	518	651	0	0
Exchange with Mumbai	-1076	-1044	-772	-805
MSEDCL DEMAND MET	14058	13406	13107	11363
Load Shedding	0	0	0	0
MSEDCL DEMAND	14058	13406	13107	11363
TPCL GENERATION	609	853	976	536
AEML GENERATION	403	375	372	374
MUMBAI DEMAND	2088	2272	2120	1715
STATE DEMAND MET	16146	15678	15227	13078
STATE DEMAND	16146	15678	15227	13078
Frequency (Hz)	50.02	50.02	49.98	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 18.01 Hrs	49.76 Hz at 21.09 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 19/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	4.11	65.60	185	163
Unit 4	3.84	61.47	168	157
Unit 5	9.38	148.48	425	365
Unit 6	9.26	160.28	450	209
Unit 7	9.34	179.92	435	360
Unit 8	9.60	192.75	440	360
Unit 9	9.85	186.80	460	360
Total	55.40	995.29		
Paras				
Unit 3	0.28	91.58	153	0
Unit 4	0.79	95.88	199	0
Total	1.07	187.46		
Khaparkheda				
Unit 1	3.96	75.08	185	155
Unit 2	3.96	78.50	185	155
Unit 3	4.11	72.48	190	158
Unit 4	3.98	77.92	185	160
Unit 5	9.03	197.73	465	290
Total	25.04	501.70		
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	3.01	55.15	136	120
Total	3.01	55.15		
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)	0.13	2.50	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.13	2.50		
Koyna				
Stage 1-2	3.30	58.28	380	35
Stage 4	1.53	37.18	402	0
Stage 3	1.06	23.24	160	0
Total	5.88	118.70		
Hydro				
KDPH	0.70	7.42	29	29
VTRNA	0.00	0.00	0	0
TILLARI	1.04	12.21	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	2.26	40	0
RNGR+BHTSA	0.25	4.45	11	10
BHANDARDRA	0.42	8.16	33	10
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.30	3.20	21	10
GHATGHAR	0.00	0.00	0	0
Total	3.00	37.71		
Wind				
Total	37.54	541.92	0	0
Total	37.54	541.92		
CPP				
APML(Mus)	28.50	757.40	0	0
JSWEL(Mus)	15.93	319.05	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.60	48.94	0	0
Other(Mus)	6.80	144.43	0	0
Total	53.83	1269.81		
SOLAR				
Total	5.86	105.72	0	0
Total	5.86	105.72		
Tata				
Trombay 5	8.46	146.40	452	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	53.31	118	116
Trombay 7B	1.58	30.21	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	4.55	87.02	459	25
Total	17.40	316.94		
AEML				
DTPS U-1&2	9.67	186.85	501	372
Total	9.67	186.85		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	81.50	1730.33	MSPGCL Total	93.40	1941.88
			MSPGCL Thml+Gas	84.52	1785.48	Koyna 1,2 & 4 Total	4.83	95.46
			MSPGCL Hydro	8.89	156.41	State Total	217.70	4363.13

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/Jun/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	3394	172	126	3692	2104	1915	0	0	5148	4874	-811	11774	0	11774	1884	13658	50.00
2	3415	157	136	3708	1920	1891	0	0	5028	4753	-781	11491	0	11491	1789	13280	50.01
3	3263	212	127	3602	1837	1884	0	0	4721	4845	-805	11363	0	11363	1715	13078	49.99
4	3261	242	126	3629	1730	1910	0	0	4775	4937	-755	11451	0	11451	1676	13127	50.00
5	3116	487	127	3730	1578	2039	0	0	5081	5093	-713	11727	0	11727	1645	13372	49.99
6	3391	647	135	4173	1142	2325	0	0	5488	5845	-700	12785	0	12785	1653	14438	49.99
7	3604	800	126	4530	1176	2330	0	47	5998	5842	-601	13324	0	13324	1676	15000	49.96
8	3643	918	127	4688	1158	2337	0	195	5988	6035	-556	13857	0	13857	1771	15628	49.97
9	3650	405	125	4180	1211	2358	0	375	6447	6478	-723	13879	0	13879	1903	15782	50.03
10	3524	358	122	4004	1146	2380	0	518	6891	7086	-1076	14058	0	14058	2088	16146	50.02
11	3423	388	122	3933	1222	2344	0	699	6736	6787	-1238	13747	0	13747	2219	15966	50.04
12	3397	471	120	3988	1175	2315	0	758	6702	6474	-1233	13477	0	13477	2284	15761	50.02
13	3274	210	130	3614	1468	2307	0	733	6572	6418	-1208	13332	0	13332	2294	15626	50.02
14	3225	261	120	3606	1552	2286	0	689	6303	6259	-1276	13116	0	13116	2264	15380	50.03
15	3484	196	120	3800	1653	2330	0	651	6216	6016	-1044	13406	0	13406	2272	15678	50.02
16	3328	291	122	3741	1684	2341	0	532	6040	5670	-971	12997	0	12997	2215	15212	49.96
17	3186	206	123	3515	2102	2354	0	375	5836	5835	-888	13293	0	13293	2138	15431	50.00
18	3156	206	123	3485	2092	2282	0	230	6106	5775	-1010	12854	0	12854	2030	14884	50.03
19	3147	141	124	3412	2072	2111	0	57	5916	5829	-1009	12472	0	12472	1955	14427	50.06
20	3231	236	125	3592	1838	2293	0	0	6137	6127	-805	13045	0	13045	2050	15095	50.02
21	3578	241	123	3942	1700	2363	0	0	5931	5874	-772	13107	0	13107	2120	15227	49.98
22	3693	635	123	4451	1564	2351	0	0	5286	5194	-642	12918	0	12918	2154	15072	49.95
23	3697	499	134	4330	1231	2391	0	0	5411	5548	-714	12786	0	12786	2184	14970	50.00
24	3425	509	124	4058	1180	2394	0	0	5405	5447	-804	12275	0	12275	2225	14500	50.01
MUs	81.50	8.89	3.01	93.40	37.53	53.83	0.00	5.86	140.16	139.04	-21.14	308.53	0.00	308.53	48.20	356.74	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 19/Jun/2020

Position as on 6.30 Hrs of 20/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 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	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 19/Jun/2020

Position as on 6.30 Hrs of 20/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	
MSPGCL	Koyana STG- IV Unit - 1	250	17/06/2020	08.00		Continued.	Work Of Main Inlet Spherical Valve Servomotor Cylinder.	
MSPGCL	Paras Unit 3	250	19/06/2020	01.58		Continued.	Zero schedule.	
MSPGCL	Paras Unit 4	250	19/06/2020	04.00		Continued.	Zero schedule.	
MSPGCL	Chandrapur Unit 6	500	19/06/2020	23.31	20/06/2020	03.05	Turbine Side Control Valve Problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Jun/2020

Statement-VII

Position as on 6.30 Hrs of 20/Jun/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
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
Parli(MS)-Parli (PG) II	InterState	18/06/2020	12.05	19/06/2020	06.26	PO	(1) Distance relay testing work. (2) Bay Maint. Work.
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	19/06/2020	19.45	T	Bus Fault at Dhule.Bus-II B phase CVT Burst(RFC 22.30 on date 15.06.2020 code 199).
Padghe - Kalwa- I	IntraState	15/06/2020	21.16		Continued.	HT	Over Voltage
Koradi-Bhusawal	IntraState	16/06/2020	21.42		Continued.	T	Over Voltage
karad -kolhapur-II	IntraState	17/06/2020	16.46		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	18/06/2020	20.28	19/06/2020	10.18	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	18/06/2020	20.48		Continued.	HT	Over Voltage
Parly(MS)- Nanded ckt II	IntraState	19/06/2020	09.14	20/06/2020	07.33	EO	Replacement of broken spacers.(RFC 19:37 at
Padghe - Nagothane - II	IntraState	19/06/2020	18.08		Continued.	HT	Over Voltage
Dhule- Bableswhar - I	IntraState	19/06/2020	19.51		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	19/06/2020	23.23		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)
A'bad(PG)-Shendra Ckt II	InterState	19/06/2020	10.38	19/06/2020	18.46	PO	Replacement Of LA.
Boiser(M)-Boiser(PG) -III	InterState	20/06/2020	04.17	20/06/2020	07.43	EO	Attending Hot Spot Boiser(PG) end.
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
Bableswhar -Bhenda	IntraState	19/06/2020	09.18	19/06/2020	16.28	PO	CT Tan Delta Testing.
TPC Borivali Aarey Line 1	IntraState	19/06/2020	09.21	19/06/2020	15.39	PO	Replacement of abnormal Polymer Insulator.
Kalwa - Siemens	IntraState	19/06/2020	09.38	19/06/2020	12.08	PO	Pre-monsoon maintenance work in 220 KV Siemens switch yard.
Dhule - Dondaicha Ckt	IntraState	19/06/2020	09.44	19/06/2020	14.29	PO	Replacement Of Flash over Disc.
Bhigwan-Baramat lagro	IntraState	19/06/2020	10.10	19/06/2020	14.00	PO	Replacement Of Flash over Suspension String @ LOC 67 R-PH & 71 R-PH.
Chitegaon-Shendra Ckt-II	IntraState	19/06/2020	10.38	19/06/2020	18.46	PO	For LA replacement work, measurement of IR values & routine maintenance work.
REL Borivali Aarey Line	IntraState	19/06/2020	15.41	19/06/2020	18.52	PO	Replacement of abnormal Polymer Insulator.
Sawantwadi-Bidri	IntraState	19/06/2020	22.10		Continued.	HT	Over Voltage
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.

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 19/Jun/2020

Statement-VII

Position as on 6.30 Hrs of 20/Jun/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 200mva Vijay Ict 2 @Jalna	IntraState	19/06/2020	07.50	19/06/2020	17.25	PO	Testing & Maintenance Work.