

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	76.692	1879.442	1) Gujrat	2.164	7.433
2) Hydro	9.922	143.084	2) Madhya Pradesh	6.610	114.205
3) Gas	6.703	86.641	3) Chattisgarh	4.720	85.830
Total MSPGCL	93.317	2109.167	4) Maharashtra	118.049	2040.125
B) 1) APLM	28.310	517.267	5) Goa (Amona)	-1.813	-32.334
2) JSWEL	16.194	300.509	Total	129.730	2215.259
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.200	465.763
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	23.017	461.715
5) WPCL	2.494	103.113	c) MSEDCL Bilateral *	30.254	563.249
6) Other IPP	7.864	148.588	Include PX	10.629	67.445
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.200	465.763
C) 1) TPCL Thermal	7.860	146.228	Include PX	13.009	276.285
2) TPCL Hydro	6.647	64.038	Standby	0.000	0.000
3) TPCL Gas	3.559	78.025	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.883	91.048	1) MSEDCL	305.645	5899.435
D) STATE			2) Mumbai Discoms	45.966	841.050
1) Thermal	144.297	3186.195	TOTAL STATE	351.611	6740.485
(A1+C1+C4+(B1-B6))					
2) Hydro	16.569	207.122			
(A2+C2)					
3) Gas	10.262	164.666			
(A3+B7+C3)					
4) Wind	46.623	887.120			
6) SOLAR	4.130	80.127			
TOTAL STATE	221.881	4525.230			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3137	3024	3514	3123
MSPGCL Hydro	261	382	1408	176
MSPGCL Gas	280	278	280	292
MSPGCL Total Generation	3678	3684	5202	3591
Central Sector Receipt	7141	5770	5293	4126
WIND	2046	2097	1894	2080
CPP / IPP Thermal	2349	2238	2596	1919
CPP / IPP Gas	0	0	0	0
SOLAR	382	575	0	0
Exchange with Mumbai	-1108	-1255	-857	-715
MSEDCL DEMAND MET	14488	13109	14128	11001
Load Shedding	0	0	0	0
MSEDCL DEMAND	14488	13109	14128	11001
TPCL GENERATION	837	873	929	578
AEML GENERATION	189	189	252	190
MUMBAI DEMAND	2134	2317	2038	1483
STATE DEMAND MET	16622	15426	16166	12484
STATE DEMAND	16622	15426	16166	12484
Frequency (Hz)	50.01	50.01	49.99	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 10.03 Hrs	49.8 Hz at 17.43 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/Aug/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	139.54	0	0
Unit 9	0.00	129.48	0	0
Unit 10	0.00	59.72	0	0
Total	0.00	328.74		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	75.70	0	0
Unit 5	9.20	131.08	435	355
Total	9.20	206.78		
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	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	0.00	29.00	0	0
Unit 4	3.51	68.18	162	111
Unit 5	7.38	161.59	340	225
Unit 6	8.69	128.16	380	335
Unit 7	0.00	44.52	0	0
Unit 8	9.02	142.40	420	345
Unit 9	9.29	179.71	430	345
Total	37.90	753.56		
Paras				
Unit 3	2.04	79.15	200	0
Unit 4	3.97	78.84	219	111
Total	6.02	157.98		
Khaparkheda				
Unit 1	3.58	61.95	165	130
Unit 2	3.92	61.76	170	160
Unit 3	3.42	58.67	163	130
Unit 4	3.52	70.45	160	138
Unit 5	9.13	179.54	460	340
Total	23.58	432.38		
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	6.70	86.64	292	268
Total	6.70	86.64		
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)	1.13	18.09	54	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.13	18.09		
Koyna				
Stage 1-2	2.66	47.19	485	40
Stage 4	1.62	14.94	694	0
Stage 3	1.74	36.41	160	0
Total	6.01	98.54		
Hydro				
KDPH	0.80	3.83	35	32
VTRNA	0.00	0.00	0	0
TILLARI	0.61	13.82	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.43	7.04	40	0
RNGR+BHTSA	0.20	0.41	18	0
BHANDARDRA	0.34	4.28	15	14
ELDARY	0.48	2.40	22	18
SMLHY_PTN	1.04	12.76	44	43
GHATGHAR	0.00	0.00	0	0
Total	3.91	44.54		
Wind				
Total	46.62	887.12	0	0
Total	46.62	887.12		
CPP				
APML(Mus)	28.31	517.27	0	0
JSWEL(Mus)	16.19	300.51	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.49	103.11	0	0
Other(Mus)	7.86	148.59	0	0
Total	54.86	1069.48		
SOLAR				
Total	4.13	80.13	0	0
Total	4.13	80.13		
Tata				
Trombay 5	7.86	146.23	442	280
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.16	49.08	115	72
Trombay 7B	1.40	28.95	67	52
Trombay 8	0.00	0.00	0	0
TATA Hydro	6.65	64.04	381	157
Total	18.07	288.29		
AEML				
DTPS U-1&2	4.88	91.05	252	188
Total	4.88	91.05		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	76.69	1879.44	MSPGCL Total	93.32	2109.17
			MSPGCL Thml+Gas	83.40	1966.08	Koyna 1,2 & 4 Total	4.28	62.13
			MSPGCL Hydro	9.92	143.08	State Total	221.88	4525.23

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 19/Aug/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	3124	180	281	3585	2054	1971	0	0	4509	4268	-850	11028	0	11028	1709	12737	50.01
2	3085	174	281	3540	2026	1934	0	0	4223	4358	-791	11067	0	11067	1616	12683	49.98
3	3097	172	282	3551	2060	1930	0	0	4070	4305	-768	11078	0	11078	1539	12617	50.00
4	3123	176	292	3591	2080	1919	0	0	4276	4126	-715	11001	0	11001	1483	12484	50.01
5	3077	174	281	3532	1986	2032	0	0	4528	4554	-711	11393	0	11393	1469	12862	50.00
6	3122	166	290	3578	2033	2315	0	0	5129	5174	-747	12353	0	12353	1508	13861	50.00
7	3199	196	281	3676	1800	2466	0	18	6069	6248	-753	13455	0	13455	1552	15007	49.98
8	3294	208	280	3782	1658	2474	0	136	6849	6722	-755	14017	0	14017	1681	15698	50.01
9	3223	281	281	3785	1944	2351	0	328	7347	7254	-1051	14611	0	14611	1904	16515	50.03
10	3137	261	280	3678	2046	2349	0	382	7160	7141	-1108	14488	0	14488	2134	16622	50.01
11	3187	272	279	3738	2178	2363	0	522	6839	6498	-1243	14056	0	14056	2287	16343	50.05
12	3009	291	269	3569	1976	2256	0	551	6457	6191	-1287	13256	0	13256	2333	15589	50.03
13	3024	382	278	3684	2097	2238	0	575	5647	5770	-1255	13109	0	13109	2317	15426	50.01
14	3046	345	279	3670	1950	2007	0	562	5522	5487	-1212	12464	0	12464	2228	14692	50.02
15	3036	428	278	3742	2199	1965	0	386	5366	5587	-1180	12699	0	12699	2206	14905	49.99
16	3052	415	269	3736	2181	2262	0	330	5322	5300	-1176	12633	0	12633	2173	14806	50.01
17	3109	446	278	3833	2190	2344	0	218	5617	5277	-1124	12738	0	12738	2113	14851	49.90
18	3184	556	268	4008	2069	2352	0	105	5621	5546	-1070	13010	0	13010	2052	15062	49.94
19	3439	854	279	4572	1810	2526	0	17	5640	5633	-915	13643	0	13643	2020	15663	49.98
20	3514	1408	280	5202	1894	2596	0	0	5113	5293	-857	14128	0	14128	2038	16166	49.99
21	3357	1274	279	4910	1658	2571	0	0	4823	4726	-810	13055	0	13055	1982	15037	50.02
22	3463	613	279	4355	1573	2569	0	0	5035	4773	-787	12483	0	12483	1935	14418	49.98
23	3419	330	270	4019	1606	2551	0	0	4863	4938	-884	12230	0	12230	1871	14101	49.97
24	3372	320	289	3981	1555	2521	0	0	4545	4561	-968	11650	0	11650	1816	13466	50.01
MUs	76.69	9.92	6.70	93.32	46.62	54.86	0.00	4.13	130.57	129.73	-23.02	305.64	0.00	305.64	45.97	351.61	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/Aug/2020

Position as on 6.30 Hrs of 20/Aug/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	
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.(Converted zero schedule from 25.03.2020)	
TPC_G	Trombay 8	250	11/04/2020	16.55		Continued.	Zero 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.	Turbine Blade Failure	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Parli Unit 8	250	01/06/2020	13.13		Continued.	Zero schedule By MSEDCL	
IPP	Adani U-1	660	03/06/2020	15.02		Continued.	Converted zero schedule from 03.06.2020	
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) Statement-VI
Details of Generating Unit Outages/Trippings for 19/Aug/2020

Position as on 6.30 Hrs of 20/Aug/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
AEML	AEML Unit 1	250	27/06/2020	23.55		Continued.	Zero schedule.	
MSPGCL	Chandrapur Unit 7	500	06/08/2020	03.33		Continued.	Sparkling in generator R phase winding.	
MSPGCL	Chandrapur Unit 3	210	11/08/2020	10.00		Continued.	PA Fan problem	
CPP	SWPGL U-3	135	12/08/2020	00.45		Continued.	Zero Schedule by MSEDCL	
CPP	SWPGL U-4	135	12/08/2020	00.45		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Koradi Unit 10	660	13/08/2020	00.08		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 9	660	14/08/2020	12.28		Continued.	Zero schedule.	
MSPGCL	Koradi Unit-8	660	14/08/2020	13.07		Continued.	Zero schedule.	
MSPGCL	Bhusawal Unit 4	500	15/08/2020	02.21		Continued.	Zero Schedule	
MSPGCL	Paras Unit 3	250	19/08/2020	04.45	19/08/2020	16.00	Furnace Pressure High	
MSPGCL	Uran Unit A0	120	20/08/2020	03.37		Continued.	R-Phase LA Burst U-5.	
MSPGCL	Uran Unit 5	108	20/08/2020	03.37		Continued.	R-Phase LA Burst	
MSPGCL	Uran Unit 6	108	20/08/2020	03.37		Continued.	R-Phase LA Burst	

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

Statement-VII

Position as on 6.30 Hrs of 20/Aug/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	30/07/2020	12.45		Continued.	HT	Over Voltage
Padgha - Boisar (PG)	InterState	15/08/2020	04.02		Continued.	T	Over Voltage
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	11/06/2020	10.40		Continued.	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	31/07/2020	19.27		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	07/08/2020	16.19		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	07/08/2020	23.23		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	13/08/2020	10.59		Continued.	EO	To attend CB problem
Koradi-Bhusawal	IntraState	14/08/2020	01.09		Continued.	T	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	15/08/2020	00.40		Continued.	T	Over Voltage
Akola II - RPL(Rattaniindia) Ckt I	IntraState	15/08/2020	11.39		Continued.	T	Over Voltage
Babhaleshwar - Padghe-I	IntraState	16/08/2020	21.58	19/08/2020	10.27	HT	Over Voltage
Padghe - Kalwa- I	IntraState	18/08/2020	21.00	19/08/2020	08.43	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	18/08/2020	21.20	19/08/2020	08.28	HT	Over Voltage
karad -kolhapur-I	IntraState	18/08/2020	23.00	19/08/2020	10.08	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	19/08/2020	03.25	19/08/2020	08.39	T	Over Voltage
Padghe - Kalwa- I	IntraState	19/08/2020	21.21		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	19/08/2020	22.13		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	19/08/2020	22.14		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.
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/08/2020	09.58		Continued.	PO	Replacement Of Existing 315 MVA ICT By 3*167 MVA ICT.
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	18/08/2020	22.52	19/08/2020	10.35	HT	H/T from LV side for Over Volatage
400/220 Kv 500 MVA ICT II @Jejuri	IntraState	19/08/2020	00.05	19/08/2020	06.38	HT	H/T from LV side for Over Voltage
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	19/08/2020	07.11	19/08/2020	18..22	T	Fault Monkey.
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	19/08/2020	22.21		Continued.	HT	Over Voltage
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)
Kharghar-Borivali ckt II	IntraState	11/08/2020	08.45		Continued.	T	Cable Faulty
Theur-Phursungi	IntraState	14/08/2020	09.46		Continued.	HT	Outage arrangement HTLS work.
Theur- Magar Patta City	IntraState	14/08/2020	10.27		Continued.	HT	Outage arrangement HTLS work.
Lonikand1 (400 Kv)-Theur I	IntraState	14/08/2020	10.38		Continued.	PO	Replacement of Existing 0.4 DEER Conductor, hardware & Insulator to HTLS Conductor.
Ongc Uran - Jnpt	IntraState	14/08/2020	12.07		Continued.	PO	Removal of existing earthwire and string OPGW.
Padegaon-Sawangi	IntraState	18/08/2020	11.35	19/08/2020	03.11	T	Distance Protection
Urse - Talegaon (Ambi) Ckt 1	IntraState	19/08/2020	09.49	19/08/2020	16.55	PO	Replacement of Faulty Disc Insulator at Loc no.16.
Karad(400kv) - Ogalewadi Ckt 1	IntraState	19/08/2020	10.00	19/08/2020	17.20	PO	Relay Testing Work.
BOTHE - PHALTAN MIDC	IntraState	19/08/2020	10.35	19/08/2020	14.55	PO	Line Signature Analysis.

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/Aug/2020

Statement-VII

Position as on 6.30 Hrs of 20/Aug/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Trombay - Mulund	IntraState	19/08/2020	11.34	19/08/2020	19.31	PO	Relay Testing Work
Nagothane - Posco	IntraState	19/08/2020	12.04	19/08/2020	14.29	EO	Jumper Replacement
Pophli Pedhmbe Line- 1	IntraState	19/08/2020	14.35	19/08/2020	17.25	EO	Isolator to CT Damaged Conductor Replacement.