

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	79.599	1802.750	1) Gujrat	0.861	5.269
2) Hydro	9.593	133.162	2) Madhya Pradesh	4.683	107.595
3) Gas	6.755	79.938	3) Chattisgarh	4.840	81.110
Total MSPGCL	95.947	2015.850	4) Maharashtra	119.973	1922.076
B) 1) APLM	29.569	488.957	5) Goa (Amona)	-2.387	-30.521
2) JSWEL	15.737	284.315	Total	127.970	2085.529
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.306	441.563
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	21.059	438.698
5) WPCL	2.587	100.619	c) MSEDCL Bilateral *	28.752	532.995
6) Other IPP	7.653	140.724	Include PX	9.382	56.817
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.306	441.563
C) 1) TPCL Thermal	8.176	138.368	Include PX	11.932	263.276
2) TPCL Hydro	7.748	57.391	Standby	0.000	0.000
3) TPCL Gas	3.555	74.466	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.974	86.165	1) MSEDCL	305.063	5593.790
D) STATE			2) Mumbai Discoms	45.512	795.084
1) Thermal	148.295	3041.898	TOTAL STATE	350.575	6388.874
(A1+C1+C4+(B1-B6))					
2) Hydro	17.341	190.553			
(A2+C2)					
3) Gas	10.310	154.404			
(A3+B7+C3)					
4) Wind	43.070	840.497			
6) SOLAR	3.589	75.997			
TOTAL STATE	222.605	4303.349			

* 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	3478	3410	3386	3164
MSPGCL Hydro	755	459	849	241
MSPGCL Gas	291	279	281	270
MSPGCL Total Generation	4524	4148	4516	3675
Central Sector Receipt	6821	5682	5193	4036
WIND	1633	1777	2013	1559
CPP / IPP Thermal	2406	2459	2602	1958
CPP / IPP Gas	0	0	0	0
SOLAR	308	468	0	0
Exchange with Mumbai	-947	-1050	-927	-616
MSEDCL DEMAND MET	14745	13484	13397	10612
Load Shedding	0	0	0	0
MSEDCL DEMAND	14745	13484	13397	10612
TPCL GENERATION	909	1015	863	660
AEML GENERATION	251	251	239	189
MUMBAI DEMAND	2107	2316	2029	1465
STATE DEMAND MET	16852	15800	15426	12077
STATE DEMAND	16852	15800	15426	12077
Frequency (Hz)	50.00	50.02	50.03	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 08:01 Hrs	49.78 Hz at 11:09 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 18/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	9.66	121.88	470	355
Total	9.66	197.58		
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	3.63	64.67	158	126
Unit 5	7.16	154.20	346	235
Unit 6	8.66	119.47	400	315
Unit 7	0.00	44.52	0	0
Unit 8	9.61	133.38	445	359
Unit 9	9.48	170.41	430	346
Total	38.54	715.66		
Paras				
Unit 3	3.94	77.10	215	130
Unit 4	2.83	74.86	205	0
Total	6.77	151.97		
Khaparkheda				
Unit 1	3.75	58.36	170	125
Unit 2	4.06	57.84	180	160
Unit 3	3.14	55.25	145	115
Unit 4	3.86	66.93	195	115
Unit 5	9.82	170.41	460	360
Total	24.62	408.80		
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	6.76	79.94	292	269
Total	6.76	79.94		
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)	1.17	16.96	50	43

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.17	16.96		
Koyna				
Stage 1-2	2.72	44.54	350	40
Stage 4	0.87	13.32	240	0
Stage 3	2.14	34.68	160	0
Total	5.73	92.53		
Hydro				
KDPH	0.77	3.04	32	32
VTRNA	0.00	0.00	0	0
TILLARI	1.15	13.21	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.44	6.61	40	0
RNGR+BHTSA	0.00	0.20	0	0
BHANDARDRA	0.34	3.94	15	14
ELDARY	0.12	1.92	9	0
SMLHY_PTN	1.03	11.71	44	42
GHATGHAR	0.00	0.00	0	0
Total	3.86	40.63		
Wind				
Total	43.07	840.50	0	0
Total	43.07	840.50		
CPP				
APML(Mus)	29.57	488.96	0	0
JSWEL(Mus)	15.74	284.32	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.59	100.62	0	0
Other(Mus)	7.65	140.72	0	0
Total	55.55	1014.62		
SOLAR				
Total	3.59	76.00	0	0
Total	3.59	76.00		
Tata				
Trombay 5	8.18	138.37	447	279
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.16	46.92	115	72
Trombay 7B	1.40	27.55	67	52
Trombay 8	0.00	0.00	0	0
TATA Hydro	7.75	57.39	387	219
Total	19.48	270.22		
AEML				
DTPS U-1&2	4.97	86.16	252	188
Total	4.97	86.16		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	79.60	1802.75	MSPGCL Total	95.95	2015.85
			MSPGCL Thml+Gas	86.35	1882.69	Koyna 1,2 & 4 Total	3.59	57.85
			MSPGCL Hydro	9.59	133.16	State Total	222.60	4303.35

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/Aug/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	3121	302	291	3714	1750	1854	0	0	4130	4303	-767	10854	0	10854	1662	12516	49.99
2	3124	371	281	3776	1597	1817	0	0	4115	4131	-671	10650	0	10650	1580	12230	50.00
3	3164	311	290	3765	1403	1841	0	0	4161	4340	-638	10711	0	10711	1511	12222	49.99
4	3164	241	270	3675	1559	1958	0	0	4150	4036	-616	10612	0	10612	1465	12077	49.95
5	3234	186	280	3700	1557	2160	0	0	4372	4433	-611	11239	0	11239	1450	12689	49.89
6	3478	210	281	3969	1567	2293	0	0	4916	5056	-660	12225	0	12225	1493	13718	49.99
7	3561	272	291	4124	1601	2370	0	9	5840	5871	-684	13291	0	13291	1540	14831	50.02
8	3658	314	271	4243	1634	2366	0	72	6538	6773	-781	14307	0	14307	1672	15979	50.03
9	3554	586	281	4421	1616	2372	0	196	6845	7000	-922	14683	0	14683	1898	16581	50.00
10	3478	755	291	4524	1633	2406	0	308	6862	6821	-947	14745	0	14745	2107	16852	50.00
11	3451	423	281	4155	1809	2458	0	429	6803	6602	-983	14470	0	14470	2249	16719	49.98
12	3422	549	269	4240	1668	2417	0	470	6328	6360	-1083	14072	0	14072	2311	16383	49.92
13	3410	459	279	4148	1777	2459	0	468	5817	5682	-1050	13484	0	13484	2316	15800	50.02
14	3317	341	279	3937	1855	2407	0	470	5803	5712	-1092	13289	0	13289	2235	15524	50.02
15	3184	566	270	4020	1897	2343	0	444	5624	5590	-1127	13167	0	13167	2193	15360	50.01
16	3252	447	291	3990	2121	2430	0	350	5346	5277	-1025	13143	0	13143	2152	15295	50.04
17	3283	380	280	3943	2048	2401	0	240	5545	5409	-1026	13015	0	13015	2105	15120	50.01
18	3216	364	271	3851	2080	2347	0	111	5680	5327	-1002	12714	0	12714	2036	14750	50.01
19	3208	318	291	3817	2009	2406	0	22	5575	5560	-989	12825	0	12825	2001	14826	50.01
20	3386	849	281	4516	2013	2602	0	0	5102	5193	-927	13397	0	13397	2029	15426	50.03
21	3370	523	292	4185	1892	2617	0	0	4782	4797	-790	12701	0	12701	1966	14667	50.02
22	3330	331	271	3932	2024	2626	0	0	4698	4686	-787	12481	0	12481	1902	14383	50.04
23	3160	306	281	3747	1974	2401	0	0	4814	4546	-938	11730	0	11730	1846	13576	50.03
24	3074	189	292	3555	1986	2195	0	0	4787	4465	-943	11258	0	11258	1793	13051	50.03
MUs	79.60	9.59	6.76	95.95	43.07	55.55	0.00	3.59	128.63	127.97	-21.06	305.06	0.00	305.06	45.51	350.57	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/Aug/2020

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

Position as on 6.30 Hrs of 19/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 4	250	18/08/2020	10.26	18/08/2020	12.49	Drum Level High.	
MSPGCL	Paras Unit 3	250	19/08/2020	04.45		Continued.	Furnace Pressure High	

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

Statement-VII

Position as on 6.30 Hrs of 19/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/Tripping							
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- Bableshwar - 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.	PO	To attend CB problem
Koradi-Bhusawal	IntraState	14/08/2020	01.09		Continued.	T	Over Voltage
karad -kolhapur-I	IntraState	14/08/2020	21.04	18/08/2020	09.39	HT	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	15/08/2020	00.40		Continued.	T	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	15/08/2020	11.39		Continued.	T	Over Voltage
Padghe - Kalwa- I	IntraState	16/08/2020	20.52	18/08/2020	08.33	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	16/08/2020	21.58		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	16/08/2020	22.09	18/08/2020	09.38	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	18/08/2020	03.24	18/08/2020	08.22	T	Over Voltage
Padghe - Kalwa- I	IntraState	18/08/2020	21.00		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	18/08/2020	21.20		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	18/08/2020	23.00		Continued.	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	19/08/2020	03.25		Continued.	T	Over Voltage
400 KV ICT Outages/Tripping							
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.
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	14/08/2020	00.58	18/08/2020	08.45	HT	H/T from LV side for Over Voltage
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	17/08/2020	09.35	18/08/2020	08.41	HT	Over Voltage
400/220 Kv 500 MVA ICT II @Jejuri	IntraState	18/08/2020	02.19	18/08/2020	07.35	HT	Over Voltage
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	18/08/2020	22.52		Continued.	HT	H/T from LV side for Over Voltage
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
220 KV LINE Outages/Tripping							
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.
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	16/08/2020	09.30	18/08/2020	15.20	PO	Erection of new tower at loc.no. 8 for railway crossing between loc no.9 & 10.

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/Aug/2020

Statement-VII

Position as on 6.30 Hrs of 19/Aug/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	16/08/2020	09.32	18/08/2020	15.08	PO	Tower Erection work for railway crossing.
Karad - Vita Ckt- I	IntraState	18/08/2020	10.10	18/08/2020	12.51	EO	B Phase CT Hot Spot
Malharpeth - Karad(400kv)	IntraState	18/08/2020	10.50	18/08/2020	18.00	PO	Relay Testing Work
Padegaon-Sawangi	IntraState	18/08/2020	11.35	19/08/2020	03.11	T	Distance Protection
Panchanand Taloja	IntraState	18/08/2020	12.17	18/08/2020	14.12	EO	Attending Hot Spot at Loc no.11.
Karad - Vita Ckt- II	IntraState	18/08/2020	13.51	18/08/2020	16.09	EO	CT Hot Spot Attending.
220 KV ICT Outages/Trippings							
220/132 KV 100MVA ICT-I @ Bhokar	IntraState	18/08/2020	12.48	18/08/2020	13.58	PO	Covering Bucholz
220/132-110kv 200mva Ptr 1 @Oglewadi	IntraState	18/08/2020	13.17	18/08/2020	17.05	EO	DC Leakage Work.