

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Aug/2020 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	99.791	1102.447	1) Gujrat	2.268	5.596
2) Hydro	16.076	71.331	2) Madhya Pradesh	8.008	71.420
3) Gas	5.972	34.290	3) Chattisgarh	4.670	45.280
Total MSPGCL	121.839	1208.068	4) Maharashtra	118.261	1109.352
B) 1) APML	29.846	278.666	5) Goa (Amona)	-1.701	-15.292
2) JSWEL	17.634	163.454	Total	131.506	1216.356
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.383	243.971
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.568	246.890
5) WPCL	8.269	76.336	c) MSEDCL Bilateral *	33.619	316.129
6) Other IPP	9.075	75.748	Include PX	8.602	34.387
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.383	243.971
C) 1) TPCL Thermal	9.802	78.329	Include PX	15.604	152.142
2) TPCL Hydro	3.085	22.871	Standby	0.000	0.000
3) TPCL Gas	4.408	43.080	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.510	48.505	1) MSEDCL	325.941	3217.856
D) STATE			2) Mumbai Discoms	47.373	439.670
1) Thermal	179.927	1823.485	TOTAL STATE	373.314	3657.526
(A1+C1+C4+(B1-B6))					
2) Hydro	19.161	94.202			
(A2+C2)					
3) Gas	10.380	77.370			
(A3+B7+C3)					
4) Wind	29.544	395.537			
6) SOLAR	2.796	50.581			
TOTAL STATE	241.808	2441.175			

* 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	4540	4461	3885	3867
MSPGCL Hydro	701	462	1392	218
MSPGCL Gas	250	239	260	240
MSPGCL Total Generation	5491	5162	5537	4325
Central Sector Receipt	6568	6646	5306	4413
WIND	1147	923	1235	1641
CPP / IPP Thermal	2815	2727	2860	2340
CPP / IPP Gas	0	0	0	0
SOLAR	375	354	0	0
Exchange with Mumbai	-1292	-1472	-877	-864
MSEDCL DEMAND MET	15104	14340	14061	11855
Load Shedding	0	0	0	0
MSEDCL DEMAND	15104	14340	14061	11855
TPCL GENERATION	771	661	950	491
AEML GENERATION	252	189	252	190
MUMBAI DEMAND	2315	2322	2079	1545
STATE DEMAND MET	17419	16662	16140	13400
STATE DEMAND	17419	16662	16140	13400
Frequency (Hz)	50.01	50.02	49.98	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 06.02 Hrs	49.79 Hz at 03.48 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 10/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	8.37	106.95	510	0
Unit 9	8.19	98.33	450	290
Unit 10	8.71	42.21	400	340
Total	25.27	247.49		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	6.56	39.09	475	0
Unit 5	0.33	49.89	165	0
Total	6.89	88.98		
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	3.89	27.51	171	150
Unit 4	3.57	35.29	156	130
Unit 5	9.35	89.66	435	350
Unit 6	9.58	90.15	435	350
Unit 7	0.00	44.52	0	0
Unit 8	0.08	59.17	85	0
Unit 9	10.46	96.25	465	360
Total	36.94	442.55		
Paras				
Unit 3	4.08	45.22	186	146
Unit 4	4.34	43.40	199	159
Total	8.43	88.63		
Khaparkheda				
Unit 1	3.05	34.48	145	105
Unit 2	2.99	32.40	165	95
Unit 3	3.64	30.59	170	110
Unit 4	3.32	39.83	167	110
Unit 5	9.26	97.49	425	340
Total	22.26	234.80		
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	5.97	34.29	260	238
Total	5.97	34.29		
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)	1.04	8.65	44	43

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.04	8.65		
Koyna				
Stage 1-2	5.06	26.01	475	35
Stage 4	5.94	11.31	755	0
Stage 3	2.82	18.56	240	0
Total	13.82	55.88		
Hydro				
KDPH	0.00	0.70	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.97	6.55	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.32	3.24	40	0
RNGR+BHTSA	0.00	0.20	0	0
BHANDARDRA	0.06	0.88	16	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.90	3.89	38	37
GHATGHAR	0.00	0.00	0	0
Total	2.25	15.45		
Wind				
Total	29.54	395.54	0	0
Total	29.54	395.54		
CPP				
APML(Mus)	29.85	278.67	0	0
JSWEL(Mus)	17.63	163.45	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	8.27	76.34	0	0
Other(Mus)	9.08	75.75	0	0
Total	64.82	594.20		
SOLAR				
Total	2.80	50.58	0	0
Total	2.80	50.58		
Tata				
Trombay 5	9.80	78.33	475	297
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	27.40	117	116
Trombay 7B	1.60	15.68	67	66
Trombay 8	0.00	0.00	0	0
TATA Hydro	3.08	22.87	291	4
Total	17.30	144.28		
AEML				
DTPS U-1&2	5.51	48.50	253	189
Total	5.51	48.50		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	99.79	1102.45	MSPGCL Total	121.84	1208.07
			MSPGCL Thml+Gas	105.76	1136.74	Koyna 1,2 & 4 Total	11.00	37.32
			MSPGCL Hydro	16.08	71.33	State Total	241.81	2441.18

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/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	3887	133	250	4270	2033	2741	0	0	4696	4104	-1047	12101	0	12101	1801	13902	50.01
2	3776	138	249	4163	1940	2318	0	0	4680	4524	-951	11994	0	11994	1690	13684	49.96
3	3837	283	250	4370	1747	2261	0	0	4204	4326	-891	11813	0	11813	1614	13427	49.96
4	3867	218	240	4325	1641	2340	0	0	4387	4413	-864	11855	0	11855	1545	13400	49.94
5	3906	303	249	4458	1575	2460	0	0	4681	4772	-853	12412	0	12412	1528	13940	49.97
6	4013	368	250	4631	1378	2752	0	0	5017	5205	-870	13096	0	13096	1574	14670	50.03
7	4204	789	250	5243	1087	2824	0	8	5758	5628	-674	14116	0	14116	1612	15728	50.02
8	4336	1077	260	5673	846	2842	0	83	6084	6238	-742	14940	0	14940	1748	16688	49.98
9	4379	1375	239	5993	750	2838	0	185	6210	6287	-930	15123	0	15123	1948	17071	49.95
10	4488	1239	249	5976	887	2826	0	309	6549	6193	-1156	15035	0	15035	2164	17199	50.01
11	4540	701	250	5491	1147	2815	0	375	6828	6568	-1292	15104	0	15104	2315	17419	50.01
12	4506	411	249	5166	1131	2762	0	370	6884	6716	-1353	14792	0	14792	2377	17169	50.03
13	4461	462	239	5162	923	2727	0	354	6567	6646	-1472	14340	0	14340	2322	16662	50.02
14	4469	528	249	5246	804	2680	0	296	6249	6408	-1376	14058	0	14058	2271	16329	50.02
15	4524	587	249	5360	790	2713	0	303	6111	6353	-1233	14286	0	14286	2259	16545	50.00
16	4484	784	249	5517	752	2736	0	256	5911	5983	-1154	14090	0	14090	2241	16331	50.00
17	4150	957	249	5356	911	2744	0	161	5782	6002	-1084	14090	0	14090	2183	16273	49.98
18	3875	1197	238	5310	965	2701	0	80	5870	5706	-1059	13703	0	13703	2119	15822	49.98
19	3860	1319	250	5429	1246	2707	0	16	5773	5455	-1019	13834	0	13834	2074	15908	49.97
20	3885	1392	260	5537	1235	2860	0	0	5406	5306	-877	14061	0	14061	2079	16140	49.98
21	3997	740	251	4988	1253	2870	0	0	4960	4980	-851	13240	0	13240	2033	15273	50.01
22	4066	650	251	4967	1239	2871	0	0	4761	4713	-825	12965	0	12965	1993	14958	50.00
23	4135	268	251	4654	1453	2856	0	0	4842	4655	-919	12699	0	12699	1958	14657	50.01
24	4146	157	251	4554	1811	2580	0	0	4819	4325	-1076	12194	0	12194	1925	14119	50.04
MUs	99.79	16.08	5.97	121.84	29.54	64.82	0.00	2.80	133.03	131.51	-24.57	325.94	0.00	325.94	47.37	373.31	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 10/Aug/2020

Position as on 6.30 Hrs of 11/Aug/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koyna Unit 3	70	16/07/2020	08.55		Continued.	Service Seal Leakage	
MSPGCL	Koyna STG-IV Unit-3	250	03/08/2020	09.27		Continued.	Annual Overhaul	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 10/Aug/2020

Position as on 6.30 Hrs of 11/Aug/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	
AEML	AEML Unit 1	250	27/06/2020	23.55		Continued.	Zero schedule.	
MSPGCL	Bhusawal Unit 4	500	04/08/2020	13.10	10/08/2020	05.51	Zero schedule By MSEDCL	
MSPGCL	Chandrapur Unit 7	500	06/08/2020	03.33		Continued.	Sparkling in generator Rphase winding.	
MSPGCL	Bhusawal Unit 5	500	06/08/2020	11.48	10/08/2020	18.32	Zero Schedule by MSEDCL	
MSPGCL	Chandrapur Unit-8	500	07/08/2020	10.15	10/08/2020	23.03	Boiler Tube Leakage	
MSPGCL	Koradi Unit-8	660	10/08/2020	16.31	10/08/2020	19.12	Boiler Feed Protection.	
MSPGCL	Bhusawal Unit 5	500	10/08/2020	19.09	10/08/2020	21.42	Generator Protection.	
MSPGCL	Koradi Unit-8	660	11/08/2020	00.53	11/08/2020	06.43	Condenser Vacuum Low.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Aug/2020

Statement-VII

Position as on 6.30 Hrs of 11/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
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	11/06/2020	10.40		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	29/07/2020	18.11		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
karad -kolhapur-II	IntraState	08/08/2020	20.16		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	08/08/2020	20.57	10/08/2020	09.10	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	09/08/2020	12.53	10/08/2020	10.29	HT	Bus Outage work.(09.08.2020 REC-23:05)
Lonikand I - Koyna stage-IV	IntraState	09/08/2020	21.56	10/08/2020	08.12	HT	Over Voltage
Padghe - Kalwa- I	IntraState	10/08/2020	20.56		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	10/08/2020	22.12		Continued.	HT	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	10/08/2020	23.39		Continued.	T	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 II @Jejuri	IntraState	11/08/2020	00.17	11/08/2020	06.55	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)
Dasturi-Kandalgaon Line	IntraState	09/08/2020	17.40	10/08/2020	17.42	T	R-PH CT Cap Burst at Dasturi.
Beed-Patoda Ckt 1	IntraState	10/08/2020	10.38	10/08/2020	12.49	PO	CB O/H.
Paras-Balapur Iv	IntraState	10/08/2020	11.05	10/08/2020	13.17	PO	Routine Maintenance Work
Urse - Talegaon (Ambi) Ckt 1	IntraState	10/08/2020	11.39	10/08/2020	23.40	T	Y-Phase LA Burst
Sahara-Urse	IntraState	10/08/2020	12.04	10/08/2020	23.55	HT	Load Control On Talegaon Usre cKt-2
Oni Kharepatan Line	IntraState	10/08/2020	12.50	10/08/2020	14.15	EO	Sf6 Gas Filling End Oni End.
Bableshwar- Alephata ckt I	IntraState	10/08/2020	16.13	10/08/2020	20.03	EO	Attending 150 C Red Hot Spot On Main Bay Isolator Of Alephata-Bblr CKT 1.
Sawantwadi-Bidri	IntraState	10/08/2020	22.45		Continued.	HT	Over Voltage
220 KV ICT Outages/Trippings							
220/110 Kv 200 Mva Vel Ptr 1 @Kolhapur-Ii (Mudshingi)	IntraState	10/08/2020	09.50	10/08/2020	14.25	PO	Quarterly Maintanance Work
220/132KV 100MVA ICT-I@ Kathapur	IntraState	10/08/2020	11.45	10/08/2020	17.35	EO	OLTC Overhauling.
220/100 kV 200 MVA ICT-II @Kalwa	IntraState	10/08/2020	12.20	10/08/2020	15.28	EO	Fire Detection Alarm Work.

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