

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Aug/2020 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	99.975	1426.599	1) Gujrat	1.098	8.099
2) Hydro	6.307	87.806	2) Madhya Pradesh	5.699	86.277
3) Gas	6.025	52.415	3) Chattisgarh	4.350	58.330
Total MSPGCL	112.307	1566.820	4) Maharashtra	95.898	1406.000
B) 1) APLM	26.494	355.221	5) Goa (Amona)	-2.562	-20.894
2) JSWEL	15.825	208.616	Total	104.483	1537.812
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.334	323.357
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	25.666	327.751
5) WPCL	2.440	88.447	c) MSEDCL Bilateral *	29.050	399.297
6) Other IPP	8.336	100.754	Include PX	-0.245	39.101
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.334	323.357
C) 1) TPCL Thermal	7.546	100.499	Include PX	15.475	201.655
2) TPCL Hydro	3.748	30.976	Standby	0.000	0.000
3) TPCL Gas	4.362	56.196	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.671	62.252	1) MSEDCL	305.855	4154.436
D) STATE			2) Mumbai Discoms	45.993	577.669
1) Thermal	165.287	2342.388	TOTAL STATE	351.848	4732.105
(A1+C1+C4+(B1-B6))					
2) Hydro	10.055	118.782			
(A2+C2)					
3) Gas	10.387	108.611			
(A3+B7+C3)					
4) Wind	59.654	564.315			
6) SOLAR	1.982	60.202			
TOTAL STATE	247.365	3194.298			

* 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	4404	4060	4342	4059
MSPGCL Hydro	566	269	282	72
MSPGCL Gas	250	249	261	250
MSPGCL Total Generation	5220	4578	4885	4381
Central Sector Receipt	5726	5275	4331	3180
WIND	2356	2386	2623	2399
CPP / IPP Thermal	2501	2222	2546	1967
CPP / IPP Gas	0	0	0	0
SOLAR	209	288	0	0
Exchange with Mumbai	-1228	-1429	-972	-812
MSEDCL DEMAND MET	14784	13320	13413	11115
Load Shedding	0	0	0	0
MSEDCL DEMAND	14784	13320	13413	11115
TPCL GENERATION	669	705	840	516
AEML GENERATION	245	189	203	189
MUMBAI DEMAND	2142	2323	2015	1517
STATE DEMAND MET	16926	15643	15428	12632
STATE DEMAND	16926	15643	15428	12632
Frequency (Hz)	49.98	50.03	49.96	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 10.35 Hrs	49.83 Hz at 16.52 Hrs	49.99	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 13/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	10.14	133.68	490	301
Unit 9	9.70	124.92	450	335
Unit 10	0.03	59.72	26	0
Total	19.86	318.33		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.34	65.80	470	360
Unit 5	9.20	76.16	470	355
Total	18.54	141.97		
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	3.77	46.01	161	152
Unit 5	8.11	114.75	375	290
Unit 6	0.27	107.87	267	0
Unit 7	0.00	44.52	0	0
Unit 8	9.64	86.76	450	360
Unit 9	9.58	124.32	450	360
Total	31.36	553.23		
Paras				
Unit 3	4.56	58.10	205	182
Unit 4	4.60	57.00	228	153
Total	9.17	115.10		
Khaparkheda				
Unit 1	2.84	43.16	140	100
Unit 2	2.84	41.38	135	95
Unit 3	2.91	40.02	135	83
Unit 4	3.15	49.60	145	120
Unit 5	9.31	123.78	445	356
Total	21.05	297.96		
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	6.02	52.42	261	240
Total	6.02	52.42		
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)	0.94	11.58	53	21

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.94	11.58		
Koyna				
Stage 1-2	2.10	31.57	325	35
Stage 4	0.00	11.87	5	0
Stage 3	1.83	22.63	160	0
Total	3.93	66.07		
Hydro				
KDPH	0.00	0.70	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.67	8.10	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.49	4.43	40	0
RNGR+BHTSA	0.00	0.20	0	0
BHANDARDRA	0.33	1.38	30	0
ELDARY	0.00	0.35	0	0
SMLHY_PTN	0.89	6.58	38	37
GHATGHAR	0.00	0.00	0	0
Total	2.37	21.74		
Wind				
Total	59.65	564.32	0	0
Total	59.65	564.32		
CPP				
APML(Mus)	26.49	355.22	0	0
JSWEL(Mus)	15.82	208.62	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.44	88.45	0	0
Other(Mus)	8.34	100.75	0	0
Total	53.10	753.04		
SOLAR				
Total	1.98	60.20	0	0
Total	1.98	60.20		
Tata				
Trombay 5	7.55	100.50	390	291
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	35.75	118	114
Trombay 7B	1.58	20.45	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	3.75	30.98	314	36
Total	15.66	187.67		
AEML				
DTPS U-1&2	4.67	62.25	245	188
Total	4.67	62.25		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	99.98	1426.60	MSPGCL Total	112.31	1566.82
			MSPGCL Thml+Gas	106.00	1479.01	Koyna 1,2 & 4 Total	2.10	43.44
			MSPGCL Hydro	6.31	87.81	State Total	247.36	3194.30

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 13/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	4479	202	250	4931	2401	2027	0	0	3115	3229	-954	11634	0	11634	1720	13354	49.99
2	4124	172	250	4546	2490	1995	0	0	3302	3251	-857	11425	0	11425	1632	13057	50.00
3	4023	162	250	4435	2458	1978	0	0	3515	3271	-832	11310	0	11310	1569	12879	49.98
4	4059	72	250	4381	2399	1967	0	0	3415	3180	-812	11115	0	11115	1517	12632	49.99
5	4001	92	260	4353	2416	2042	0	0	3476	3624	-787	11648	0	11648	1486	13134	50.00
6	4137	77	250	4464	2429	2330	0	0	3898	4005	-828	12400	0	12400	1532	13932	50.00
7	4332	207	251	4790	2186	2429	0	6	4798	4801	-838	13374	0	13374	1576	14950	49.98
8	4437	570	250	5257	2340	2552	0	69	5148	5174	-903	14489	0	14489	1697	16186	49.92
9	4410	391	250	5051	2282	2497	0	143	5428	5392	-1134	14231	0	14231	1917	16148	49.97
10	4404	566	250	5220	2356	2501	0	209	5646	5726	-1228	14784	0	14784	2142	16926	49.98
11	4482	354	250	5086	2237	2489	0	268	5939	5672	-1317	14435	0	14435	2292	16727	50.02
12	4190	341	249	4780	2254	2398	0	280	5897	5538	-1464	13786	0	13786	2347	16133	50.02
13	4060	269	249	4578	2386	2222	0	288	5738	5275	-1429	13320	0	13320	2323	15643	50.03
14	4026	257	250	4533	2387	2004	0	249	5300	4893	-1352	12714	0	12714	2265	14979	50.05
15	4013	317	250	4580	2454	1963	0	191	4640	4699	-1254	12633	0	12633	2218	14851	49.94
16	4041	309	249	4599	2447	2088	0	143	4584	4513	-1190	12600	0	12600	2146	14746	49.97
17	4065	205	240	4510	2700	2096	0	94	4888	4510	-1271	12639	0	12639	2109	14748	50.01
18	4148	207	251	4606	2767	1977	0	38	4802	4589	-1227	12750	0	12750	2042	14792	49.97
19	4303	456	261	5020	2695	2359	0	4	4541	4197	-1126	13149	0	13149	2014	15163	49.92
20	4342	282	261	4885	2623	2546	0	0	4691	4331	-972	13413	0	13413	2015	15428	49.96
21	4133	237	250	4620	2658	2420	0	0	4674	4117	-979	12836	0	12836	1949	14785	50.00
22	3915	187	252	4354	2641	2296	0	0	4379	3917	-952	12256	0	12256	1877	14133	50.03
23	3916	182	251	4349	2833	1963	0	0	4291	3569	-961	11753	0	11753	1833	13586	50.03
24	3935	193	251	4379	2815	1956	0	0	3654	3010	-999	11161	0	11161	1775	12936	50.01
MUs	99.97	6.31	6.03	112.31	59.65	53.09	0.00	1.98	109.76	104.48	-25.67	305.86	0.00	305.86	45.99	351.85	49.99

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 13/Aug/2020

Position as on 6.30 Hrs of 14/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 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	
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 13/Aug/2020

Position as on 6.30 Hrs of 14/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	Chandrapur Unit 7	500	06/08/2020	03.33		Continued.	Sparkling in generator Rphase 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	Chandrapur Unit 6	500	13/08/2020	01.00		Continued.	Due to GTR-6 oil filtration work.(BDV less & water content high)	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Aug/2020

Statement-VII

Position as on 6.30 Hrs of 14/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	14/08/2020	03.17		Continued.	T	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	13/08/2020	10.49	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
Padghe - Kalwa- I	IntraState	12/08/2020	20.07	13/08/2020	09.06	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	12/08/2020	20.14	13/08/2020	08.27	HT	Over Voltage
karad -kolhapur-II	IntraState	12/08/2020	21.26	13/08/2020	08.19	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	12/08/2020	23.33		Continued.	HT	Over Voltage
Chandrapur-II - Nanded ckt I	IntraState	13/08/2020	02.28		Continued.	T	Over Voltage
Kalwa - Talegaon(PG)	IntraState	13/08/2020	03.19	13/08/2020	08.49	T	Over Voltage
Jaigad-Karad Ckt-II	IntraState	13/08/2020	10.59		Continued.	PO	To attend CB problem
Padghe - Kalwa- I	IntraState	13/08/2020	20.06		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	13/08/2020	22.02		Continued.	T	Over Voltage
Koradi-Bhusawal	IntraState	14/08/2020	01.09		Continued.	T	Over Voltage
BABHALESHWAR - RPL(NASHIK) CKT - 2	IntraState	14/08/2020	02.13	14/08/2020	06.45	T	Over Voltage
Kalwa - Talegaon(PG)	IntraState	14/08/2020	03.03		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 III @ Jejuri	IntraState	13/08/2020	00.08	13/08/2020	07.01	HT	Over Voltage
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	13/08/2020	03.25	13/08/2020	06.52	HT	LV side hand trip for over voltage.
400/220 KV 315 MVA ICT-I @ Nagothane	IntraState	13/08/2020	11.38	13/08/2020	18.05	PO	To check LTS Scheme as per protection audit compliance
400/220 Kv 315 Mva Ict 1 @Chakan	IntraState	13/08/2020	13.10	13/08/2020	15.50	PO	Oil top up work
400/220 kv 500 MVA ICT III @ Jejuri	IntraState	13/08/2020	22.20	14/08/2020	06.38	HT	Over Voltage
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	13/08/2020	23.29		Continued.	HT	H/T from LV side for Over Voltage
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	14/08/2020	00.58		Continued.	HT	H/T from LV side for 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
Shivajinagar-Gangapur	IntraState	12/08/2020	17.09		Continued.	T	Distance Protection
Urse-Chinchwad (ST tap)	IntraState	13/08/2020	10.29	13/08/2020	12.41	PO	Replacement of Flashover String
Lonand Sona Alloys	IntraState	13/08/2020	11.00	13/08/2020	13.10	PO	Quarterly Maintenance Work
Lonand-Baramati	IntraState	13/08/2020	11.00	13/08/2020	15.41	PO	Replacement of Flashover Suspension String
Ongc Panvel - Tss Panvel	IntraState	13/08/2020	11.30	13/08/2020	15.58	PO	LA Replacement

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 13/Aug/2020

Statement-VII

Position as on 6.30 Hrs of 14/Aug/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
V Warora - Warorarltyss1	IntraState	13/08/2020	12.17	13/08/2020	18.15	PO	Replacement of Trip ckt supervision relay
Dhamangaon New- Tss -I	IntraState	13/08/2020	12.17	13/08/2020	15.10	PO	ABT Meter work
Dhamangaon New- Tss-II	IntraState	13/08/2020	15.20	13/08/2020	16.05	PO	ABT Meter work
Jejuri (400 Kv)-Jejuri ckt-I	IntraState	13/08/2020	22.57	14/08/2020	06.47	HT	Over Voltage
Bableshtar -Bhenda	IntraState	14/08/2020	02.31		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Bbl lct 1 @Beed	IntraState	13/08/2020	09.30	13/08/2020	17.50	PO	Attending Oil Leakage

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