

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Aug/2020 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	98.065	902.135	1) Gujrat	1.662	1.783
2) Hydro	7.473	50.495	2) Madhya Pradesh	9.116	54.229
3) Gas	3.920	22.400	3) Chattisgarh	4.280	36.440
Total MSPGCL	109.458	975.030	4) Maharashtra	109.210	879.708
B) 1) APLM	30.559	219.028	5) Goa (Amona)	-2.001	-12.554
2) JSWEL	16.862	128.252	Total	122.267	959.606
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.067	194.512
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.133	199.556
5) WPCL	7.860	60.459	c) MSEDCL Bilateral *	28.991	253.736
6) Other IPP	9.158	59.572	Include PX	7.176	20.251
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.067	194.512
C) 1) TPCL Thermal	8.370	60.970	Include PX	10.960	124.301
2) TPCL Hydro	3.975	17.255	Standby	0.000	0.000
3) TPCL Gas	4.415	34.259	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.945	38.313	1) MSEDCL	325.542	2569.733
D) STATE			2) Mumbai Discoms	43.838	350.348
1) Thermal	175.819	1468.729	TOTAL STATE	369.380	2920.081
(A1+C1+C4+(B1-B6))					
2) Hydro	11.448	67.750			
(A2+C2)					
3) Gas	8.335	56.659			
(A3+B7+C3)					
4) Wind	46.011	323.640			
6) SOLAR	5.500	43.702			
TOTAL STATE	247.113	1960.480			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3966	3990	4348	3875
MSPGCL Hydro	284	199	1042	218
MSPGCL Gas	100	248	250	110
MSPGCL Total Generation	4350	4437	5640	4203
Central Sector Receipt	6229	5440	4900	4219
WIND	2182	2256	1686	1674
CPP / IPP Thermal	2487	2583	2943	2560
CPP / IPP Gas	0	0	0	0
SOLAR	492	558	0	0
Exchange with Mumbai	-1074	-1070	-773	-782
MSEDCL DEMAND MET	14666	14204	14396	11874
Load Shedding	0	0	0	0
MSEDCL DEMAND	14666	14204	14396	11874
TPCL GENERATION	691	705	924	520
AEML GENERATION	189	189	251	189
MUMBAI DEMAND	1954	1964	1948	1491
STATE DEMAND MET	16620	16168	16344	13365
STATE DEMAND	16620	16168	16344	13365
Frequency (Hz)	50.01	50.03	49.92	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 16:52 Hrs	49.74 Hz at 02:49 Hrs	49.97	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 08/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	11.14	87.40	508	440
Unit 9	10.24	79.96	494	375
Unit 10	8.80	24.19	422	303
Total	30.17	191.56		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	32.53	0	0
Unit 5	0.00	49.56	0	0
Total	0.00	82.09		
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	3.98	19.62	173	162
Unit 4	3.77	27.99	158	156
Unit 5	8.83	70.76	400	330
Unit 6	9.19	71.25	430	350
Unit 7	0.00	44.52	0	0
Unit 8	0.00	59.09	0	0
Unit 9	9.56	75.82	450	360
Total	35.33	369.05		
Paras				
Unit 3	4.79	36.67	235	164
Unit 4	4.92	34.29	229	190
Total	9.71	70.96		
Khaparkheda				
Unit 1	3.58	28.20	170	125
Unit 2	3.94	26.10	180	145
Unit 3	1.14	23.04	170	0
Unit 4	3.91	32.53	180	145
Unit 5	10.29	78.60	450	390
Total	22.85	188.48		
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	3.92	22.40	260	100
Total	3.92	22.40		
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)	0.90	6.62	54	24

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.90	6.62		
Koyna				
Stage 1-2	2.55	19.04	450	40
Stage 4	1.30	5.37	536	0
Stage 3	1.64	14.43	160	0
Total	5.49	38.84		
Hydro				
KDPH	0.00	0.70	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.64	5.46	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.39	2.47	40	0
RNGR+BHTSA	0.00	0.20	0	0
BHANDARDRA	0.15	0.68	18	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.80	2.15	34	33
GHATGHAR	0.00	0.00	0	0
Total	1.99	11.66		
Wind				
Total	46.01	323.64	0	0
Total	46.01	323.64		
CPP				
APML(Mus)	30.56	219.03	0	0
JSWEL(Mus)	16.86	128.25	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.86	60.46	0	0
Other(Mus)	9.16	59.57	0	0
Total	64.44	467.31		
SOLAR				
Total	5.50	43.70	0	0
Total	5.50	43.70		
Tata				
Trombay 5	8.37	60.97	474	309
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	21.78	117	116
Trombay 7B	1.61	12.48	68	66
Trombay 8	0.00	0.00	0	0
TATA Hydro	3.98	17.26	273	18
Total	16.76	112.48		
AEML				
DTPS U-1&2	4.94	38.31	252	188
Total	4.94	38.31		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	98.06	902.14	MSPGCL Total	109.46	975.03
			MSPGCL Thml+Gas	101.98	924.54	Koyna 1,2 & 4 Total	3.85	24.41
			MSPGCL Hydro	7.47	50.50	State Total	247.11	1960.48

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/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	3932	208	110	4250	1879	2707	0	0	4558	4422	-942	12316	0	12316	1717	14033	50.00
2	3928	203	100	4231	1764	2551	0	0	4524	4398	-813	12131	0	12131	1617	13748	49.99
3	3907	213	100	4220	1689	2563	0	0	4393	4275	-751	11996	0	11996	1543	13539	49.87
4	3875	218	110	4203	1674	2560	0	0	4539	4219	-782	11874	0	11874	1491	13365	49.94
5	3958	243	110	4311	1710	2595	0	0	4707	4714	-762	12568	0	12568	1462	14030	49.93
6	4109	217	100	4426	1642	2760	0	0	5133	4971	-700	13099	0	13099	1492	14591	49.99
7	4181	251	100	4532	1744	2762	0	31	5935	6074	-607	14536	0	14536	1522	16058	50.02
8	4211	221	110	4542	1926	2783	0	178	6245	6029	-630	14828	0	14828	1611	16439	49.99
9	4148	241	100	4489	2127	2713	0	341	6250	6065	-883	14852	0	14852	1759	16611	50.01
10	3966	284	100	4350	2182	2487	0	492	6287	6229	-1074	14666	0	14666	1954	16620	50.01
11	3954	274	110	4338	2223	2424	0	574	6096	5938	-1201	14296	0	14296	2105	16401	50.03
12	3958	234	100	4292	2130	2560	0	673	5900	5674	-1258	14071	0	14071	2174	16245	49.96
13	3867	242	116	4225	2091	2460	0	737	5684	5671	-1244	13940	0	13940	2150	16090	49.94
14	3892	218	123	4233	2108	2452	0	681	5392	5411	-1214	13671	0	13671	2087	15758	49.99
15	3965	263	183	4411	2192	2469	0	639	5230	5121	-1164	13668	0	13668	2033	15701	49.95
16	3990	199	248	4437	2256	2583	0	558	5088	5440	-1070	14204	0	14204	1964	16168	50.03
17	4092	199	250	4541	2129	2743	0	372	5084	4869	-986	13668	0	13668	1918	15586	49.97
18	4131	170	239	4540	2037	2758	0	178	5266	5241	-1014	13740	0	13740	1908	15648	49.99
19	4285	487	250	5022	1804	2775	0	46	5229	5142	-923	13866	0	13866	1900	15766	49.96
20	4348	1042	250	5640	1686	2943	0	0	4792	4900	-773	14396	0	14396	1948	16344	49.92
21	4344	1012	251	5607	1572	2991	0	0	4703	4427	-763	13834	0	13834	1928	15762	49.96
22	4393	466	260	5119	1837	2965	0	0	4675	4399	-781	13539	0	13539	1901	15440	49.96
23	4360	209	250	4819	1864	2912	0	0	4607	4422	-867	13150	0	13150	1850	15000	49.98
24	4271	159	250	4680	1745	2923	0	0	4395	4216	-931	12633	0	12633	1804	14437	49.94
MUs	98.07	7.47	3.92	109.46	46.01	64.44	0.00	5.50	124.71	122.27	-22.13	325.54	0.00	325.54	43.84	369.38	49.97

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 08/Aug/2020

Position as on 6.30 Hrs of 09/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)	
MSPGCL	Uran Unit 5	108	06/04/2020	13.23	08/08/2020	12.03	Gas shortage	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 08/Aug/2020

Position as on 6.30 Hrs of 09/Aug/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	
AEML	AEML Unit 1	250	27/06/2020	23.55		Continued.	Zero schedule.	
MSPGCL	Bhusawal Unit 4	500	04/08/2020	13.10		Continued.	Zero schedule By MSEDCL	
MSPGCL	Chandrapur Unit 7	500	06/08/2020	03.33		Continued.	Sparkling in generator Rphase winding.	
MSPGCL	Khaparkheda Unit 3	210	06/08/2020	09.51	08/08/2020	14.31	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 5	500	06/08/2020	11.48		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Chandrapur Unit-8	500	07/08/2020	10.15		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Aug/2020

Statement-VII

Position as on 6.30 Hrs of 09/Aug/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi-III - Tirora ckt-II	IntraState	08/08/2020	11.32	08/08/2020	14.36	EO	Attending Hot Spot on CT.
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
Babhaleshwar - Padghe-I	IntraState	05/08/2020	20.06	09/08/2020	12.44	HT	Over Voltage
Bus Coupler @ Padgha	IntraState	07/08/2020	13.30	09/08/2020	20.03	PO	Replacement Of conductor in section 7.(BUS B Padghe outage).
Bhusawal-Aurangabad	IntraState	07/08/2020	16.19		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	07/08/2020	20.27	08/08/2020	10.39	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	07/08/2020	22.42	08/08/2020	08.15	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		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	08/08/2020	22.03	09/08/2020	09.30	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	09/08/2020	12.53		Continued.	HT	Bus Outage work.(09.08.2020 RFC-23:05)
Koradi III(Adani)-Koradi II ckt 2	IntraState	09/08/2020	13.01	09/08/2020	16.55	PO	Urgent Replacment Of Base support Insulator Of LA
Lonikand I - Koyna stage-IV	IntraState	09/08/2020	21.56		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.
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	08/08/2020	01.16	08/08/2020	15.25	HT	LV over voltage
400/132 KV 200MVA ICT II @Bhusawal	IntraState	08/08/2020	08.26	08/08/2020	18.43	PO	For Overhauling of NIFPS system (CTR) & other bay maintenance Work.
400/220/33 Kv 315 MVA ICT-3 @Padghe	IntraState	09/08/2020	20.12	09/08/2020	20.23	HT	For Bus changeover.
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)
EKLAHARE (OCR) Nasik - Navsari I	InterState	08/08/2020	11.50	08/08/2020	17.08	PO	Replacement of old disc insulator, Diagnostic testing, Broken/flashover string Replacement.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Pedambe-Nerle	IntraState	07/08/2020	03.23	08/08/2020	19.25	T	Distance Protection
Pophali - Nerale	IntraState	07/08/2020	10.35	08/08/2020	05.45	T	Distance Protection
Koyna (Pophali) - Kdph	IntraState	07/08/2020	10.35	08/08/2020	17.15	T	Distance Protection
Vsni-512 Khadki	IntraState	08/08/2020	08.15	08/08/2020	13.35	PO	To connect main bus isolator of TATA Telemidia outdoor 1st GIS bay.
Waluj - Degaon Rangari	IntraState	08/08/2020	09.08	08/08/2020	21.08	PO	Bus section 2 outage for crimping work.
Pophali - Nerale	IntraState	08/08/2020	09.15	09/08/2020	14.20	T	Overload.

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 08/Aug/2020

Statement-VII

Position as on 6.30 Hrs of 09/Aug/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Nanded-Nanded(Waghale) I	IntraState	08/08/2020	11.00	08/08/2020	23.31	T	Distance Protection
Chinchwad- Parvati	IntraState	08/08/2020	12.05	08/08/2020	14.39	PO	Line Signature Work by LMSDN.
Lonikand-VSNL	IntraState	08/08/2020	14.51	08/08/2020	19.48	PO	To connect main bus isolator of TATA Telemedia outdoor 2nd GIS bay.
Nagothane-Wadkhal-I	IntraState	09/08/2020	10.12	09/08/2020	13.11	PO	Repairs of Wave Trap jumper.
Dasturi-Kandalgaon Line	IntraState	09/08/2020	17.40		Continued.	T	R-PH CT Cap Burst at Dasturi.
Loteparshuram- Dasturi Line	IntraState	09/08/2020	17.40	09/08/2020	18.00	T	Distance Protection