

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Aug/2020 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.644	128.644	1) Gujrat	1.346	1.346
2) Hydro	5.484	5.484	2) Madhya Pradesh	8.611	8.611
3) Gas	2.730	2.730	3) Chattisgarh	4.630	4.630
Total MSPGCL	136.858	136.858	4) Maharashtra	128.714	128.714
B) 1) APMIL	31.106	31.106	5) Goa (Amona)	-0.924	-0.924
2) JSWEL	18.033	18.033	Total	142.377	142.377
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.770	25.770
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	25.768	25.768
5) WPCL	8.621	8.621	c) MSEDCL Bilateral *	32.877	32.877
6) Other IPP	7.282	7.282	Include PX	5.590	5.590
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.770	25.770
C) 1) TPCL Thermal	8.341	8.341	Include PX	17.878	17.878
2) TPCL Hydro	1.501	1.501	Standby	0.000	0.000
3) TPCL Gas	4.380	4.380	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.061	5.061	1) MSEDCL	333.828	333.828
D) STATE			2) Mumbai Discoms	45.051	45.051
1) Thermal	207.088	207.088	TOTAL STATE	378.879	378.879
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	6.985	6.985			
3) Gas (A3+B7+C3)	7.110	7.110			
4) Wind	9.440	9.440			
6) SOLAR	5.879	5.879			
TOTAL STATE	236.502	236.502			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5494	5488	5417	5127
MSPGCL Hydro	315	245	600	45
MSPGCL Gas	110	110	110	120
MSPGCL Total Generation	5919	5843	6127	5292
Central Sector Receipt	6410	6325	5563	5102
WIND	186	212	724	371
CPP / IPP Thermal	2721	2725	2769	2599
CPP / IPP Gas	0	0	0	0
SOLAR	764	793	0	0
Exchange with Mumbai	-1417	-1405	-860	-982
MSEDCL DEMAND MET	14583	14493	14323	12382
Load Shedding	0	0	0	0
MSEDCL DEMAND	14583	14493	14323	12382
TPCL GENERATION	504	506	849	498
AEML GENERATION	188	189	252	190
MUMBAI DEMAND	2109	2100	1961	1670
STATE DEMAND MET	16692	16593	16284	14052
STATE DEMAND	16692	16593	16284	14052
Frequency (Hz)	50.02	50.01	49.98	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 16.04 Hrs	49.76 Hz at 18.26 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 01/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	11.47	11.47	510	400
Unit 9	11.05	11.05	505	400
Unit 10	0.00	0.00	0	0
Total	22.52	22.52		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.95	9.95	470	360
Unit 5	9.88	9.88	450	360
Total	19.84	19.84		
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	0.00	0	0
Unit 4	3.63	3.63	160	140
Unit 5	9.30	9.30	430	350
Unit 6	9.71	9.71	430	355
Unit 7	8.79	8.79	400	307
Unit 8	10.55	10.55	460	420
Unit 9	10.64	10.64	465	430
Total	52.63	52.63		
Paras				
Unit 3	5.29	5.29	240	187
Unit 4	4.73	4.73	208	167
Total	10.02	10.02		
Khaparkheda				
Unit 1	3.78	3.78	170	135
Unit 2	0.00	0.00	0	0
Unit 3	4.34	4.34	185	180
Unit 4	4.42	4.42	193	164
Unit 5	11.09	11.09	490	430
Total	23.64	23.64		
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	2.73	2.73	120	100
Total	2.73	2.73		
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)	0.72	0.72	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.72	0.72		
Koyna				
Stage 1-2	2.80	2.80	325	35
Stage 4	1.16	1.16	662	0
Stage 3	1.20	1.20	160	0
Total	5.17	5.17		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.17	0.17	56	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.15	0.15	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.00	0	0
GHATGHAR	0.00	0.00	0	0
Total	0.32	0.32		
Wind				
Total	9.44	9.44	0	0
Total	9.44	9.44		
CPP				
APML(Mus)	31.11	31.11	0	0
JSWEL(Mus)	18.03	18.03	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	8.62	8.62	0	0
Other(Mus)	7.28	7.28	0	0
Total	65.04	65.04		
SOLAR				
Total	5.88	5.88	0	0
Total	5.88	5.88		
Tata				
Trombay 5	8.34	8.34	436	304
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	2.81	117	116
Trombay 7B	1.57	1.57	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	1.50	1.50	360	5
Total	14.22	14.22		
AEML				
DTPS U-1&2	5.06	5.06	253	188
Total	5.06	5.06		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	128.64	128.64	MSPGCL Total	136.86	136.86
			MSPGCL Thml+Gas	131.37	131.37	Koyna 1,2 & 4 Total	3.96	3.96
			MSPGCL Hydro	5.48	5.48	State Total	236.50	236.50

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/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	5160	180	120	5460	605	2654	0	0	5375	5346	-1169	12896	0	12896	1862	14758	49.95
2	5197	40	110	5347	510	2632	0	0	5374	5142	-1076	12555	0	12555	1756	14311	50.00
3	5127	45	120	5292	371	2599	0	0	5328	5102	-982	12382	0	12382	1670	14052	50.00
4	5118	35	110	5263	323	2569	0	0	5307	5233	-924	12464	0	12464	1604	14068	50.01
5	5295	40	120	5455	276	2610	0	0	5405	5281	-886	12736	0	12736	1571	14307	50.00
6	5530	259	100	5889	252	2689	0	0	5732	5894	-866	13858	0	13858	1608	15466	49.99
7	5537	819	120	6476	153	2681	0	30	6176	6039	-765	14614	0	14614	1633	16247	50.01
8	5542	228	120	5890	122	2700	0	205	6881	6684	-842	14759	0	14759	1688	16447	50.00
9	5180	134	110	5424	139	2627	0	464	6973	6996	-1109	14541	0	14541	1810	16351	49.99
10	5209	424	120	5753	121	2639	0	612	6602	6640	-1265	14500	0	14500	1954	16454	50.02
11	5397	391	110	5898	138	2711	0	704	6619	6514	-1364	14601	0	14601	2056	16657	49.93
12	5494	315	110	5919	186	2721	0	764	6420	6410	-1417	14583	0	14583	2109	16692	50.02
13	5488	245	110	5843	212	2725	0	793	6470	6325	-1405	14493	0	14493	2100	16593	50.01
14	5476	151	120	5747	141	2719	0	740	6338	6375	-1331	14391	0	14391	2032	16423	50.00
15	5459	320	110	5889	175	2740	0	614	6390	6290	-1170	14538	0	14538	2021	16559	49.99
16	5419	140	110	5669	240	2752	0	451	6677	6574	-1123	14563	0	14563	1989	16552	50.01
17	5424	50	120	5594	378	2745	0	321	6634	6254	-1196	14096	0	14096	1975	16071	50.03
18	5350	40	110	5500	449	2728	0	146	6389	6488	-1228	14083	0	14083	1926	16009	49.97
19	5227	295	110	5632	487	2738	0	35	6180	6140	-1166	13866	0	13866	1882	15748	49.90
20	5417	600	110	6127	724	2769	0	0	5839	5563	-860	14323	0	14323	1961	16284	49.98
21	5392	368	120	5880	764	2844	0	0	5254	5235	-744	13979	0	13979	1974	15953	49.96
22	5419	120	110	5649	832	2857	0	0	5116	5327	-777	13888	0	13888	1961	15849	50.01
23	5396	125	110	5631	888	2804	0	0	5310	5421	-958	13786	0	13786	1957	15743	49.95
24	5391	120	120	5631	954	2789	0	0	5466	5104	-1145	13333	0	13333	1952	15285	49.99
MUs	128.64	5.48	2.73	136.86	9.44	65.04	0.00	5.88	144.25	142.38	-25.77	333.83	0.00	333.83	45.05	378.88	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 01/Aug/2020

Position as on 6.30 Hrs of 02/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 Unit 4	70	16/07/2020	11.05		Continued.	Service Seal Leakage	
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		Continued.	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 01/Aug/2020

Position as on 6.30 Hrs of 02/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	
MSPGCL	Khaparkheda Unit 2	210	24/06/2020	11.34	02/08/2020	00.55	Generator Earth Fault	
AEML	AEML Unit 1	250	27/06/2020	23.55		Continued.	Zero schedule.	
MSPGCL	Koradi Unit 10	660	28/07/2020	14.23		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 3	210	30/07/2020	03.27		Continued.	PA Fan problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Aug/2020

Statement-VII

Position as on 6.30 Hrs of 02/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
Padghe - Nagothane - II	IntraState	13/07/2020	22.23		Continued.	HT	Over Voltage
Bus Coupler @ Kalwa	IntraState	26/07/2020	10.04	02/08/2020	09.45	T	400 KV Bus Coupler Y Phase CT Blast.
Karad-Jaigad - I	IntraState	29/07/2020	18.11		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	31/07/2020	17.10		Continued.	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	31/07/2020	19.27		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	31/07/2020	21.20	01/08/2020	09.20	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	31/07/2020	21.27	01/08/2020	11.26	HT	Over Voltage
Khadka - Bableshtar	IntraState	01/08/2020	06.22	01/08/2020	18.42	EO	Taking Trials of Auxiliary PG Isolator and Replacement If Required.
Padghe - Kalwa- I	IntraState	01/08/2020	20.51	02/08/2020	08.54	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	01/08/2020	20.54	02/08/2020	08.50	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	02/08/2020	08.54	02/08/2020	17.09	PO	Annual Maintenance Work
Padghe - Kalwa- I	IntraState	02/08/2020	20.36		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	02/08/2020	20.38		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 500MVA ICT-IV @ Babhaleshwar	IntraState	24/07/2020	07.15	02/08/2020	18.40	T	Differential protection
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)
Boiser(M)-Boiser(PG) -III	InterState	02/08/2020	06.06	02/08/2020	09.39	EO	Hotspot attending work at Boiser end.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
VILEBHAGAD KANDALGAON	IntraState	01/08/2020	06.00	01/08/2020	09.00	EO	Spanicing at Location No.50.
Mahad - Pedambe	IntraState	01/08/2020	09.50	01/08/2020	10.20	EO	B-Phase CT Oil Top Up.
Nigade- Peth Line	IntraState	01/08/2020	10.01	01/08/2020	14.20	PO	B-Phase CT Oil Leakage Attending Work.
Trombay Dharavi 6	IntraState	02/08/2020	07.05	02/08/2020	19.45	PO	Replacing breaker hydraulic cylinder.
Butibori - Khaperkheda	IntraState	02/08/2020	13.44	02/08/2020	20.53	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Vijai Ict 1 @Ranjangaon	IntraState	01/08/2020	11.11	01/08/2020	18.45	PO	Half yearly maintenance work
220/132 Kv 100 Mva Ict 2 @Sawangi	IntraState	01/08/2020	21.36	02/08/2020	03.37	T	PRV Trip.

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