

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Aug/2021 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	75.671	75.671	1) Gujrat	-2.820	-2.820
2) Hydro	9.798	9.798	2) Madhya Pradesh	7.500	7.500
3) Gas	6.338	6.338	3) Chattisgarh	5.150	5.150
Total MSPGCL	91.807	91.807	4) Maharashtra	115.187	115.187
B) 1) APLM	56.546	56.546	5) Goa (Amona)	-1.216	-1.216
2) JSWEL	20.730	20.730	Total	123.801	123.801
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.333	22.333
4) RPL(AMT)	16.526	16.526	b) Mumbai Drawl	25.694	25.694
5) SWPGPL	2.711	2.711	c) MSEDCL Bilateral *	33.064	33.064
6) Other IPP	5.155	5.155	Include PX	4.954	4.954
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.333	22.333
C) 1) TPCL Thermal	9.988	9.988	Include PX	9.562	9.562
2) TPCL Hydro	2.579	2.579	Standby	0.000	0.000
3) TPCL Gas	2.633	2.633	H) ENERGY CATERED (MUs)		
4) AEML Thermal	6.844	6.844	1) MSEDCL	360.086	360.086
D) STATE			2) Mumbai Discoms	47.738	47.738
1) Thermal	194.171	194.171	TOTAL STATE	407.824	407.824
(A1+C1+C4+(B1-B6))					
2) Hydro	12.377	12.377			
(A2+C2)					
3) Gas	8.971	8.971			
(A3+B7+C3)					
4) Wind	63.610	63.610			
6) SOLAR	4.894	4.894			
TOTAL STATE	284.023	284.023			

* 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 2 Hrs
MSPGCL Thermal	3057	2968	3716	2972
MSPGCL Hydro	517	571	378	301
MSPGCL Gas	264	263	274	264
MSPGCL Total Generation	3838	3802	4368	3537
Central Sector Receipt	6141	5530	4930	4631
WIND	2765	2828	2684	2487
CPP / IPP Thermal	4453	4034	4782	4025
CPP / IPP Gas	0	0	0	0
SOLAR	401	722	0	0
Exchange with Mumbai	-1161	-1261	-987	-1048
MSEDCL DEMAND MET	16437	15655	15777	13632
Load Shedding	0	0	0	0
MSEDCL DEMAND	16437	15655	15777	13632
TPCL GENERATION	619	592	783	624
AEML GENERATION	286	285	284	286
MUMBAI DEMAND	2066	2138	2054	1958
STATE DEMAND MET	18503	17793	17831	15590
STATE DEMAND	18503	17793	17831	15590
Frequency (Hz)	50.01	50.09	49.94	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 13.05 Hrs	49.82 Hz at 18.54 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 01/Aug/2021

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	0.00	0	0
Unit 9	10.03	10.03	470	360
Unit 10	11.84	11.84	540	370
Total	21.87	21.87		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	7.60	7.60	475	285
Unit 5	7.38	7.38	420	275
Total	14.98	14.98		
Parli				
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	2.96	2.96	132	119
Unit 4	2.92	2.92	144	115
Unit 5	6.88	6.88	315	275
Unit 6	6.89	6.89	315	280
Unit 7	0.00	0.00	0	0
Unit 8	9.64	9.64	440	280
Unit 9	0.00	0.00	0	0
Total	29.29	29.29		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	3.73	3.73	196	104
Total	3.73	3.73		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	2.32	2.32	455	0
Total	2.32	2.32		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	3.48	3.48	192	121
Total	3.48	3.48		
Uran				
All Units	6.34	6.34	274	255
Total	6.34	6.34		
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)	0.03	0.03	17	0
Total	0.03	0.03		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.08	1.08	50	40
Stage 4	0.00	0.00	0	0
Stage 3	0.56	0.56	80	0
Total	1.64	1.64		
Hydro				
KDPH	0.50	0.50	34	16
VTRNA	0.00	0.00	0	0
TILLARI	0.64	0.64	58	0
BHIRA T.R.	0.37	0.37	40	0
SMLHY_PTN	5.85	5.85	261	229
GHATGHAR	0.80	0.80	125	0
Total	8.16	8.16		
Wind				
Total	63.61	63.61	0	0
Total	63.61	63.61		
CPP				
APML(Mus)	56.55	56.55	0	0
JSWEL(Mus)	20.73	20.73	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	16.53	16.53	0	0
SWPGPL-Mus	2.71	2.71	0	0
Other(Mus)	5.16	5.16	0	0
Total	101.67	101.67		
SOLAR				
Total	4.89	4.89	0	0
Total	4.89	4.89		
Tata				
Trombay 5	6.65	6.65	279	274
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.47	1.47	62	61
Trombay 7B	1.17	1.17	49	48
Trombay 8	3.34	3.34	156	137
TATA Hydro	2.58	2.58	271	10
Total	15.20	15.20		
AEML				
DTPS U-1&2	6.84	6.84	287	284
Total	6.84	6.84		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	75.67	75.67	MSPGCL Total	91.81	91.81
			MSPGCL Thml+Gas	82.01	82.01	Koyna 1,2 & 4 Total	1.08	1.08
			MSPGCL Hydro	9.80	9.80	State Total	284.02	284.02

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/Aug/2021

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	2948	298	263	3509	2760	4088	0	0	4838	4774	-1129	14002	0	14002	2079	16081	49.98
2	2972	301	264	3537	2487	4025	0	0	4697	4631	-1048	13632	0	13632	1958	15590	49.96
3	2986	295	264	3545	2569	4001	0	0	4657	4613	-988	13740	0	13740	1858	15598	49.97
4	3032	306	264	3602	2675	4012	0	0	4653	4778	-969	14098	0	14098	1787	15885	49.99
5	3022	304	265	3591	2587	4143	0	0	4630	4897	-933	14285	0	14285	1762	16047	49.99
6	3267	307	265	3839	2814	4837	0	0	4969	4740	-985	15245	0	15245	1810	17055	50.03
7	3313	296	255	3864	2506	4959	0	27	5970	5579	-965	15970	0	15970	1812	17782	50.02
8	3123	295	265	3683	2460	4732	0	170	6584	6124	-1023	16146	0	16146	1863	18009	50.06
9	3067	480	266	3813	2557	4417	0	275	6282	6275	-1101	16236	0	16236	1961	18197	50.02
10	3057	517	264	3838	2765	4453	0	401	5738	6141	-1161	16437	0	16437	2066	18503	50.01
11	3148	526	263	3937	2689	4447	0	512	5560	5791	-1248	16128	0	16128	2152	18280	50.01
12	3076	530	263	3869	2727	4354	0	627	5667	5187	-1292	15472	0	15472	2161	17633	50.04
13	2968	571	263	3802	2828	4034	0	722	5733	5530	-1261	15655	0	15655	2138	17793	50.09
14	2694	586	262	3542	2873	3558	0	655	5681	5610	-1192	15046	0	15046	2080	17126	50.08
15	2717	507	263	3487	3011	3474	0	621	5321	5452	-1118	14927	0	14927	2035	16962	50.00
16	2887	479	264	3630	2765	3801	0	407	5300	5551	-1107	15047	0	15047	1991	17038	50.02
17	2963	474	263	3700	3026	4152	0	310	5080	4805	-1067	14926	0	14926	1960	16886	50.02
18	3122	490	263	3875	2751	4261	0	145	4788	4524	-954	14602	0	14602	1934	16536	49.95
19	3043	510	264	3817	2547	4148	0	22	4817	5171	-935	14770	0	14770	1952	16722	49.96
20	3716	378	274	4368	2684	4782	0	0	4882	4930	-987	15777	0	15777	2054	17831	49.94
21	3791	340	265	4396	2576	4642	0	0	4630	4294	-999	14909	0	14909	2082	16991	50.00
22	3554	335	265	4154	2435	4032	0	0	4740	5117	-1031	14707	0	14707	2080	16787	49.95
23	3580	340	265	4185	2262	4107	0	0	4686	4920	-1092	14382	0	14382	2082	16464	49.97
24	3625	333	266	4224	2256	4209	0	0	4676	4367	-1109	13947	0	13947	2081	16028	50.02
MUs	75.67	9.80	6.34	91.81	63.61	101.67	0.00	4.89	124.58	123.80	-25.69	360.09	0.00	360.09	47.74	407.82	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 01/Aug/2021

Position as on 6.30 Hrs of 02/Aug/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
IPP	RPL(AMT) U-3	270	15/07/2021	00.00		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 9	500	15/07/2021	02.00		Continued.	Annual Overhaul	
MSPGCL	Paras Unit 3	250	20/07/2021	00.35		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
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. (NO PPA From 20.05.2019)	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal shortage.(NO PPA From 20.05.2019)	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Nasik Unit 3	210	03/12/2020	06.45		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 21-01-2021).	
MSPGCL	Koradi Unit 6	210	27/04/2021	19.59		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 6	250	04/05/2021	20.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 7	250	05/05/2021	19.00		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	08/06/2021	00.34		Continued.	Zero Schedule.	
MSPGCL	Uran Unit 6	108	29/06/2021	22.18		Continued.	Gas shortage	
MSPGCL	Nasik Unit 4	210	04/07/2021	11.03		Continued.	Boiler Tube Leakage(Converted into to Zero Schedule from 20.00Hrs DT.06-07-2021)	
MSPGCL	Parli Unit 8	250	12/07/2021	18.00		Continued.	Zero Schedule.	
MSPGCL	Khaparkheda Unit 1	210	15/07/2021	23.57		Continued.	Zero schedule	
MSPGCL	Khaparkheda Unit 2	210	16/07/2021	00.12		Continued.	Zero schedule	
MSPGCL	Khaparkheda Unit 3	210	16/07/2021	00.29		Continued.	Zero schedule	
MSPGCL	Khaparkheda Unit 4	210	16/07/2021	02.00		Continued.	Zero schedule	
IPP	JSW (J) U4	300	16/07/2021	17.44		Continued.	Air Preheater problem.	
IPP	SWPGPL U-4	135	19/07/2021	23.45		Continued.	Zero schedule.	
MSPGCL	Khaparkheda Unit 5	500	29/07/2021	09.04	01/08/2021	12.50	Boiler Tube Leakage	
IPP	SWPGPL U-3	135	29/07/2021	09.11		Continued.	PA fan bearing issue.(ready & under zero sch. from 12.30 hrs of 30.07.2021)	
MSPGCL	Chandrapur Unit 7	500	30/07/2021	00.00		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit-8	660	30/07/2021	16.31		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 5	500	01/08/2021	12.58	01/08/2021	16.47	Field Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 02/Aug/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 1	IntraState	01/08/2021	06.28	01/08/2021	10.52	PO	Disc Replacement Work
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
Chandrapur Bhadravati II	InterState	26/07/2021	15.36	02/08/2021	19.52	PO	Maintenance work.
Dhule Sar'Sarovar I	InterState	31/07/2021	13.32	02/08/2021	08.33	HT	Over Voltage
Akola Aurangabad(PG) II	InterState	31/07/2021	17.39	01/08/2021	07.01	T	Reactor Protection
Waluj Aurangabad(PG)- I	InterState	02/08/2021	10.05	02/08/2021	16.21	PO	ACPG-1 line CT AMP works @MSETCL waluj.
Deepnagar - Aurangabad	IntraState	30/07/2021	10.47	02/08/2021	06.53	PO	Insulator string replacement. (REC.16:29)
Koradi-Khaperkheda li	IntraState	30/07/2021	23.59	02/08/2021	07.12	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	31/07/2021	15.19	01/08/2021	06.43	T	Distance Protection
Aurangabad - Aurangabad(PG) I	IntraState	01/08/2021	00.38	01/08/2021	07.34	EO	jumper Reconnection
Chandrapur-II - Nanded ckt II	IntraState	01/08/2021	14.00	02/08/2021	07.33	HT	Over Voltage
Karad - Jaigad - II	IntraState	01/08/2021	22.45	02/08/2021	08.29	HT	Over Voltage
New Koyana - Dabhol - II	IntraState	02/08/2021	09.00	02/08/2021	15.04	PO	Hill cutting work at LOC no. 94-95.
Khadka-Aurangabad (Waluj)	IntraState	02/08/2021	22.01		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
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.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule(Close at Chikodi end only)
Balapur-Akola li	IntraState	22/07/2021	07.48		Continued.	T	Distance Protection(tower collapse At LOC. No.15.)
Balapur-Akola I	IntraState	22/07/2021	07.48		Continued.	T	Distance Protection(tower collapse At LOC. No.15.)
Mahad - Pedambe	IntraState	22/07/2021	19.35		Continued.	T	Distance Protection
Mahad-Kandalgaon	IntraState	22/07/2021	19.35	01/08/2021	18.25	T	Distance Protection
Kandalgaon - Pirangut	IntraState	22/07/2021	19.37		Continued.	T	Distance Protection
Kharghar-Borivali ckt II	IntraState	23/07/2021	08.43		Continued.	PO	To Carry out bunching work.
Kalwa-TIFIL	IntraState	23/07/2021	11.12		Continued.	PO	For Complete Tower erection work at loc no. 75A & 76 (behind M/s Siemens).
Kharghar-Borivali ckt I	IntraState	24/07/2021	08.46		Continued.	PO	Tower Erection & Bunching work
Kalwa - Siemens	IntraState	24/07/2021	18.16		Continued.	PO	Tower Erection & Bunching work
Miraj - ICHALKARANJI - II (TILWANI)	IntraState	28/07/2021	08.19		Continued.	T	Tower collapsed at loc no.27.
Chikhli-Jalna-II	IntraState	30/07/2021	15.37	02/08/2021	11.18	HT	To control ICT loading
Chikhli-Jalna-I	IntraState	31/07/2021	21.54	02/08/2021	11.18	HT	To control Akola ICT loading.
Eklahara(Gcr)(Nasik)- Bableshtar-I	IntraState	01/08/2021	08.17	01/08/2021	20.20	PO	Replacement work
Bombay Dyeing - Sahara	IntraState	01/08/2021	10.15	01/08/2021	16.50	T	Distance Protection
Mahad-Kandalgaon	IntraState	02/08/2021	09.35	02/08/2021	18.47	HT	JCB come in induction zone while ground cutting work.
Wadkhali(GIS)-JSW(GIS) II	IntraState	02/08/2021	10.18		Continued.	HT	Testing Work
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Bbl Ict 4 @Padegaon	IntraState	30/07/2021	21.12		Continued.	HT	Over Voltage

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