

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Aug/2021 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	90.481	256.116	1) Gujrat	-8.515	-18.268
2) Hydro	13.102	33.247	2) Madhya Pradesh	5.677	19.857
3) Gas	6.355	19.015	3) Chattisgarh	4.850	15.290
Total MSPGCL	109.938	308.378	4) Maharashtra	131.579	366.861
B) 1) APML	60.410	175.010	5) Goa (Amona)	-1.677	-4.429
2) JSWEL	20.935	62.946	Total	131.914	379.311
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.186	73.655
4) RPL(AMT)	23.206	61.067	b) Mumbai Drawl	22.763	76.341
5) SWPGPL	2.823	8.289	c) MSEDCL Bilateral *	34.731	99.893
6) Other IPP	5.723	16.566	Include PX	5.834	15.160
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.186	73.655
C) 1) TPCL Thermal	13.867	34.801	Include PX	12.609	34.048
2) TPCL Hydro	5.681	13.845	Standby	0.000	0.000
3) TPCL Gas	2.600	7.794	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.423	25.308	1) MSEDCL	395.442	1135.150
D) STATE			2) Mumbai Discoms	55.334	158.089
1) Thermal	227.868	640.103	TOTAL STATE	450.776	1293.239
(A1+C1+C4+(B1-B6))					
2) Hydro	18.783	47.092			
(A2+C2)					
3) Gas	8.955	26.809			
(A3+B7+C3)					
4) Wind	58.258	185.268			
6) SOLAR	4.998	14.656			
TOTAL STATE	318.862	913.928			

* 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	3903	3919	4111	3174
MSPGCL Hydro	830	489	836	328
MSPGCL Gas	263	264	263	276
MSPGCL Total Generation	4996	4672	5210	3778
Central Sector Receipt	6143	6020	5495	4483
WIND	2647	2544	1806	2887
CPP / IPP Thermal	4861	4879	4978	4200
CPP / IPP Gas	0	0	0	0
SOLAR	580	549	0	0
Exchange with Mumbai	-962	-1164	-780	-922
MSEDCL DEMAND MET	18265	17500	16709	14426
Load Shedding	0	0	0	0
MSEDCL DEMAND	18265	17500	16709	14426
TPCL GENERATION	1184	1144	1194	516
AEML GENERATION	501	500	501	285
MUMBAI DEMAND	2647	2808	2475	1723
STATE DEMAND MET	20912	20308	19184	16149
STATE DEMAND	20912	20308	19184	16149
Frequency (Hz)	49.99	49.97	49.81	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 18.02 Hrs	49.65 Hz at 20.39 Hrs	49.98	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 03/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	8.63	30.04	500	275
Unit 10	8.74	32.79	490	310
Total	17.37	62.82		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.76	26.48	460	280
Unit 5	9.46	25.50	465	285
Total	19.22	51.97		
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	3.24	9.30	147	120
Unit 4	3.62	9.74	165	116
Unit 5	8.30	22.80	395	286
Unit 6	8.17	22.50	390	285
Unit 7	0.00	0.00	0	0
Unit 8	10.07	29.28	435	405
Unit 9	0.00	0.00	0	0
Total	33.40	93.62		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.07	13.13	241	150
Total	5.07	13.13		
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	11.31	23.36	490	450
Total	11.31	23.36		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	4.11	11.21	195	126
Total	4.11	11.21		
Uran				
All Units	6.36	19.02	276	256
Total	6.36	19.02		
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)	0.10	0.23	23	0
Total	0.10	0.23		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.47	6.57	395	40
Stage 4	0.00	0.00	0	0
Stage 3	1.29	2.64	160	0
Total	4.76	9.21		
Hydro				
KDPH	0.86	2.21	36	36
VTRNA	0.00	0.00	0	0
TILLARI	0.58	1.48	58	0
BHIRA T.R.	0.46	1.23	40	0
SMLHY_PTN	5.86	17.56	256	234
GHATGHAR	0.58	1.56	125	0
Total	8.34	24.04		
Wind				
Total	58.26	185.27	0	0
Total	58.26	185.27		
CPP				
APML(Mus)	60.41	175.01	0	0
JSWEL(Mus)	20.94	62.95	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	23.21	61.07	0	0
SWPGPL-Mus	2.82	8.29	0	0
Other(Mus)	5.72	16.57	0	0
Total	113.10	323.88		
SOLAR				
Total	5.00	14.66	0	0
Total	5.00	14.66		
Tata				
Trombay 5	9.31	23.34	477	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.46	4.35	76	55
Trombay 7B	1.14	3.44	54	45
Trombay 8	4.56	11.46	223	135
TATA Hydro	5.68	13.84	403	0
Total	22.15	56.44		
AEML				
DTPS U-1&2	10.42	25.31	502	284
Total	10.42	25.31		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	90.48	256.12	MSPGCL Total	109.94	308.38
			MSPGCL Thml+Gas	96.84	275.13	Koyna 1,2 & 4 Total	3.47	6.57
			MSPGCL Hydro	13.10	33.25	State Total	318.86	913.93

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/Aug/2021

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	3536	328	256	4120	2954	3843	0	0	4651	4715	-1081	14551	0	14551	2020	16571	49.98
2	3371	335	264	3970	2985	3777	0	0	4574	4605	-985	14352	0	14352	1898	16250	49.93
3	3245	328	265	3838	2989	3970	0	0	4519	4676	-977	14496	0	14496	1796	16292	50.00
4	3174	328	276	3778	2887	4200	0	0	4444	4483	-922	14426	0	14426	1723	16149	50.03
5	3129	417	264	3810	2886	4347	0	0	4411	4608	-913	14738	0	14738	1714	16452	49.96
6	3406	594	266	4266	2747	4785	0	0	4866	5136	-957	15977	0	15977	1779	17756	50.00
7	3728	766	264	4758	2605	4821	0	37	5630	5699	-687	17233	0	17233	1865	19098	49.94
8	3758	639	256	4653	2500	4856	0	196	6175	6313	-629	17889	0	17889	2054	19943	50.05
9	3868	558	264	4690	2580	4824	0	379	6329	6647	-772	18348	0	18348	2358	20706	49.99
10	3903	830	263	4996	2647	4861	0	580	5829	6143	-962	18265	0	18265	2647	20912	49.99
11	3873	790	263	4926	2583	4857	0	576	5837	5949	-1104	17787	0	17787	2809	20596	49.99
12	3901	627	262	4790	2587	4867	0	554	6093	6234	-1139	17893	0	17893	2832	20725	49.96
13	3919	489	264	4672	2544	4879	0	549	6019	6020	-1164	17500	0	17500	2808	20308	49.97
14	3781	422	266	4469	2554	4897	0	686	5797	5941	-1375	17172	0	17172	2653	19825	50.04
15	3696	549	262	4507	2615	4884	0	594	5744	6139	-1514	17225	0	17225	2648	19873	49.92
16	3904	418	268	4590	2503	4882	0	406	5701	6203	-1205	17380	0	17380	2649	20028	50.04
17	3961	416	270	4647	2385	4902	0	277	5604	5838	-1056	16993	0	16993	2615	19608	50.03
18	4008	416	264	4688	2157	4838	0	145	5344	5795	-887	16736	0	16736	2540	19276	50.02
19	4014	677	263	4954	2015	4883	0	19	5034	5195	-812	16254	0	16254	2466	18720	49.97
20	4111	836	263	5210	1806	4978	0	0	4600	5495	-780	16709	0	16709	2475	19184	49.81
21	4110	836	265	5211	1586	4994	0	0	4830	5254	-712	16333	0	16333	2373	18706	49.87
22	4071	694	265	5030	1557	5007	0	0	4718	5217	-667	16144	0	16144	2271	18415	49.92
23	4023	455	266	4744	1756	4992	0	0	5050	4952	-651	15793	0	15793	2206	17999	49.99
24	3991	354	276	4621	1830	4952	0	0	4655	4657	-812	15248	0	15248	2135	17383	50.01
MUs	90.48	13.10	6.36	109.94	58.26	113.10	0.00	5.00	126.45	131.91	-22.76	395.44	0.00	395.44	55.33	450.78	49.98

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 03/Aug/2021

Position as on 6.30 Hrs of 04/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	04/08/2021	05.19	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	04/08/2021	04.55	Zero schedule	
MSPGCL	Khaparkheda Unit 4	210	16/07/2021	02.00	04/08/2021	05.34	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.	
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	04/08/2021	01.03	Zero Schedule.	
MSPGCL	Koradi Unit-8	660	30/07/2021	16.31		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 04/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							
HVDC Pole-I	IntraState	03/08/2021	23.22	04/08/2021	03.42	EO	At Chandrapur base filter Z1,Z2 hot spot attending.
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
Khadka-Aurangabad (Waluj)	IntraState	02/08/2021	22.01	03/08/2021	08.17	HT	Over Voltage
New Koyna - Dabhol-I	IntraState	03/08/2021	05.04		Continued.	T	Over Voltage
Koradi-Khaperkheda I	IntraState	03/08/2021	09.57	03/08/2021	12.12	EO	Attending Hot Spot
Padghe - Kalwa- I	IntraState	04/08/2021	04.26		Continued.	EO	Attending Hot Spot
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.
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	03/08/2021	23.02	04/08/2021	00.48	EO	Attending Hot Spot
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 I	IntraState	22/07/2021	07.48		Continued.	T	Distance Protection(tower collapse At LOC. No.15.)
Balapur-Akola II	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
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 (TILWAN)	IntraState	28/07/2021	08.19		Continued.	T	Tower collapsed at loc no.27.
Wadkhal(GIS)-JSW(GIS) II	IntraState	02/08/2021	10.18		Continued.	HT	Testing Work
New Koyna - Pedambe	IntraState	03/08/2021	09.35	03/08/2021	20.45	HT	R-phase conductor broken indication received at pedambe end.
Panchanand Taloja	IntraState	03/08/2021	09.45	03/08/2021	14.08	PO	Jumper replacement for line isolator to breaker Y-Phase and B -Phase.
Nagothane - Spcl	IntraState	03/08/2021	11.04	03/08/2021	13.19	PO	To attend trip circuit faulty indications.
Talandage(400kv) - Five Star Midc	IntraState	03/08/2021	11.15	03/08/2021	13.55	PO	Relay testing work of 220KV Talandge ckt 2.
Osmanabad - Solapur (Bale)	IntraState	03/08/2021	11.24	03/08/2021	17.19	PO	Relay testing work.
Karad - Vita Ckt- II	IntraState	03/08/2021	11.25	03/08/2021	16.53	PO	Allied equipment maintenance work.
Bableshtar - Bhenda	IntraState	03/08/2021	14.00	03/08/2021	17.46	PO	Replacement of faulty flashover cut point string loc 21 B ph.
Virur - Virur Rly Tss 2	IntraState	03/08/2021	15.40	03/08/2021	17.45	PO	Work at TSS end.
Apta - Bombay Dyeing	IntraState	03/08/2021	16.45	03/08/2021	17.36	PO	Removing of rusted and damaged earthwire between Loc no.LILO 21 to 21.
Bapgaon - Kalwa	IntraState	03/08/2021	17.04	03/08/2021	18.04	PO	Attending water ingress in R ph CB density meter.
WARDHA - WARDHA (PG) (Deoli)	IntraState	03/08/2021	19.14	03/08/2021	23.56	HT	Overdrawal 950MW H/T at PG end only.

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 03/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 04/Aug/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Bhugaon-WardhaPG (Deoli)	IntraState	03/08/2021	19.17	03/08/2021	23.56	HT	Overdrawal 950MW H/T at PG end only.
Pophali - New Koyna	IntraState	03/08/2021	21.00		Continued.	HT	Due to Y-ph current zero also conductor stand is damaged at pophali end.
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Bbl lct 4 @Padegaon	IntraState	30/07/2021	21.12		Continued.	HT	Over Voltage
220/132 kV 200 MVA ICT- I @ Nanded	IntraState	03/08/2021	16.05	03/08/2021	18.25	EO	Attending Hot Spot

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