

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Aug/2021 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	89.964	165.635	1) Gujrat	-6.933	-9.753
2) Hydro	10.347	20.145	2) Madhya Pradesh	6.680	14.180
3) Gas	6.322	12.660	3) Chattisgarh	5.290	10.440
Total MSPGCL	106.633	198.440	4) Maharashtra	120.095	235.282
B) 1) APLM	58.054	114.600	5) Goa (Amona)	-1.536	-2.752
2) JSWEL	21.281	42.011	Total	123.596	247.397
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.136	47.469
4) RPL(AMT)	21.335	37.861	b) Mumbai Drawl	27.884	53.578
5) SWPGPL	2.755	5.466	c) MSEDCL Bilateral *	32.098	65.162
6) Other IPP	5.688	10.843	Include PX	4.372	9.327
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.136	47.469
C) 1) TPCL Thermal	10.946	20.934	Include PX	11.877	21.439
2) TPCL Hydro	5.585	8.164	Standby	0.000	0.000
3) TPCL Gas	2.561	5.194	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.041	14.885	1) MSEDCL	379.622	739.708
D) STATE			2) Mumbai Discoms	55.017	102.755
1) Thermal	218.064	412.235	TOTAL STATE	434.639	842.463
(A1+C1+C4+(B1-B6))					
2) Hydro	15.932	28.309			
(A2+C2)					
3) Gas	8.883	17.854			
(A3+B7+C3)					
4) Wind	63.400	127.010			
6) SOLAR	4.764	9.658			
TOTAL STATE	311.043	595.066			

* 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	4147	3527	4215	3009
MSPGCL Hydro	503	444	934	333
MSPGCL Gas	262	263	262	266
MSPGCL Total Generation	4912	4234	5411	3608
Central Sector Receipt	5826	6247	4794	4302
WIND	2588	2659	2520	2896
CPP / IPP Thermal	4795	4482	4763	3856
CPP / IPP Gas	0	0	0	0
SOLAR	424	631	0	0
Exchange with Mumbai	-1138	-1637	-760	-903
MSEDCL DEMAND MET	17407	16616	16728	13759
Load Shedding	0	0	0	0
MSEDCL DEMAND	17407	16616	16728	13759
TPCL GENERATION	1008	812	1182	541
AEML GENERATION	499	286	501	285
MUMBAI DEMAND	2645	2735	2443	1729
STATE DEMAND MET	20052	19351	19171	15488
STATE DEMAND	20052	19351	19171	15488
Frequency (Hz)	49.99	49.96	49.81	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 18.01 Hrs	49.69 Hz at 19.07 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 02/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	11.37	21.41	515	375
Unit 10	12.21	24.05	545	370
Total	23.59	45.46		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.12	16.72	480	285
Unit 5	8.64	16.03	440	280
Total	17.76	32.74		
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	3.10	6.06	143	121
Unit 4	3.20	6.12	160	115
Unit 5	7.62	14.50	380	280
Unit 6	7.44	14.34	375	270
Unit 7	0.00	0.00	0	0
Unit 8	9.56	19.21	436	272
Unit 9	0.00	0.00	0	0
Total	30.93	60.22		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	4.33	8.06	234	153
Total	4.33	8.06		
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	9.73	12.05	444	300
Total	9.73	12.05		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	3.62	7.10	201	122
Total	3.62	7.10		
Uran				
All Units	6.32	12.66	267	257
Total	6.32	12.66		
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	0.13	25	0
Total	0.10	0.13		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.02	3.10	490	40
Stage 4	0.00	0.00	0	0
Stage 3	0.79	1.35	80	0
Total	2.82	4.45		
Hydro				
KDPH	0.84	1.35	36	34
VTRNA	0.00	0.00	0	0
TILLARI	0.26	0.90	58	0
BHIRA T.R.	0.40	0.77	40	0
SMLHY_PTN	5.85	11.70	258	229
GHATGHAR	0.18	0.98	125	0
Total	7.53	15.70		
Wind				
Total	63.40	127.01	0	0
Total	63.40	127.01		
CPP				
APML(Mus)	58.05	114.60	0	0
JSWEL(Mus)	21.28	42.01	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	21.34	37.86	0	0
SWPGPL-Mus	2.76	5.47	0	0
Other(Mus)	5.69	10.84	0	0
Total	109.11	210.78		
SOLAR				
Total	4.76	9.66	0	0
Total	4.76	9.66		
Tata				
Trombay 5	7.38	14.03	462	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.43	2.90	62	54
Trombay 7B	1.13	2.30	49	43
Trombay 8	3.57	6.91	222	127
TATA Hydro	5.58	8.16	387	10
Total	19.09	34.29		
AEML				
DTPS U-1&2	8.04	14.88	501	284
Total	8.04	14.88		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	89.96	165.64	MSPGCL Total	106.63	198.44
			MSPGCL Thml+Gas	96.29	178.30	Koyna 1,2 & 4 Total	2.02	3.10
			MSPGCL Hydro	10.35	20.14	State Total	311.04	595.07

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/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	3457	330	264	4051	2561	3990	0	0	4651	4184	-1071	13715	0	13715	2016	15731	49.99
2	3102	335	264	3701	2734	3990	0	0	4513	4186	-947	13664	0	13664	1893	15558	50.01
3	3026	332	257	3615	2852	4000	0	0	4391	4438	-944	13961	0	13961	1797	15758	50.04
4	3009	333	266	3608	2896	3856	0	0	4367	4302	-903	13759	0	13759	1729	15488	50.01
5	3304	336	264	3904	2822	3936	0	0	4406	4500	-897	14265	0	14265	1719	15984	49.94
6	3617	330	264	4211	2801	4451	0	0	4826	4610	-954	15119	0	15119	1774	16893	49.96
7	3840	335	264	4439	2517	4730	0	33	5730	5659	-984	16394	0	16394	1847	18241	49.95
8	3841	349	264	4454	2506	4786	0	158	6396	6484	-1126	17262	0	17262	2034	19296	50.02
9	4030	456	263	4749	2545	4834	0	307	6075	6167	-1172	17430	0	17430	2337	19767	50.02
10	4147	503	262	4912	2588	4795	0	424	5942	5826	-1138	17407	0	17407	2645	20052	49.99
11	4186	495	264	4945	2711	4794	0	480	5883	5713	-1412	17231	0	17231	2802	20033	50.00
12	3830	504	266	4600	2645	4704	0	637	5927	5655	-1595	16646	0	16646	2798	19444	50.01
13	3527	444	263	4234	2659	4482	0	631	6035	6247	-1637	16616	0	16616	2735	19351	49.96
14	3540	446	260	4246	2633	4569	0	578	5778	5804	-1567	16263	0	16263	2641	18904	49.98
15	3539	441	264	4244	2611	4718	0	623	5698	5530	-1546	16180	0	16180	2644	18824	49.93
16	3656	473	261	4390	2573	4866	0	441	5637	5635	-1548	16358	0	16358	2655	19012	49.96
17	3991	433	262	4686	2521	4899	0	271	5444	5645	-1433	16589	0	16589	2602	19191	49.97
18	4151	490	262	4903	2528	4632	0	157	5233	5248	-1187	16282	0	16282	2530	18812	49.94
19	4208	352	264	4824	2461	4719	0	24	4959	4938	-872	16094	0	16094	2456	18550	49.97
20	4215	934	262	5411	2520	4763	0	0	4737	4794	-760	16728	0	16728	2443	19171	49.81
21	4230	536	265	5031	2532	4761	0	0	4661	4688	-826	16186	0	16186	2349	18535	49.96
22	4181	411	264	4856	2694	4766	0	0	4559	4570	-1098	15788	0	15788	2242	18030	49.96
23	3806	411	266	4483	2718	4681	0	0	4424	4380	-1132	15130	0	15130	2188	17318	50.02
24	3531	338	267	4136	2772	4390	0	0	4450	4393	-1135	14556	0	14556	2141	16696	50.01
MUs	89.96	10.35	6.32	106.63	63.40	109.11	0.00	4.76	124.72	123.60	-27.88	379.62	0.00	379.62	55.02	434.64	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 02/Aug/2021

Position as on 6.30 Hrs of 03/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.	
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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 03/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		Continued.	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
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
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
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 Koyna - 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	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
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		Continued.	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 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
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.
Mahad-Kandalgaon	IntraState	02/08/2021	09.35	02/08/2021	18.47	HT	JCB come in induction zone while ground cutting work.
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.

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 02/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 03/Aug/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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.
Bableshwar -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.
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