

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Aug/2021 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	157.918	3279.540	1) Gujrat	-9.797	-221.398
2) Hydro	9.952	270.815	2) Madhya Pradesh	2.989	82.304
3) Gas	4.706	114.483	3) Chattisgarh	1.720	82.300
Total MSPGCL	172.576	3664.838	4) Maharashtra	143.925	3541.556
B) 1) APML	56.809	1436.797	5) Goa (Amona)	-0.699	-24.040
2) JSWEL	23.459	504.352	Total	138.138	3460.722
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.028	528.072
4) RPL(AMT)	25.143	583.166	b) Mumbai Drawl	26.628	603.138
5) SWPGPL	6.140	116.356	c) MSEDCL Bilateral *	22.779	860.541
6) Other IPP	0.816	117.636	Include PX	-4.679	170.856
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.028	528.072
C) 1) TPCL Thermal	12.534	309.862	Include PX	3.550	193.319
2) TPCL Hydro	7.613	130.633	Standby	0.000	0.000
3) TPCL Gas	0.000	12.476	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.742	235.132	1) MSEDCL	415.260	10109.690
D) STATE			2) Mumbai Discoms	56.517	1291.240
1) Thermal	292.561	6582.841	TOTAL STATE	471.777	11400.930
(A1+C1+C4+(B1-B6))					
2) Hydro	17.565	401.448			
(A2+C2)					
3) Gas	4.706	126.959			
(A3+B7+C3)					
4) Wind	11.849	698.791			
6) SOLAR	6.958	130.170			
TOTAL STATE	333.639	7940.209			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6695	6612	6612	6205
MSPGCL Hydro	331	345	1160	330
MSPGCL Gas	256	130	140	279
MSPGCL Total Generation	7282	7087	7912	6814
Central Sector Receipt	6888	7003	5579	4408
WIND	198	115	1154	375
CPP / IPP Thermal	4727	4617	4999	4449
CPP / IPP Gas	0	0	0	0
SOLAR	911	838	0	0
Exchange with Mumbai	-1616	-1631	-960	-938
MSEDCL DEMAND MET	18390	18029	18684	15108
Load Shedding	0	0	0	0
MSEDCL DEMAND	18390	18029	18684	15108
TPCL GENERATION	867	812	1158	583
AEML GENERATION	334	396	501	286
MUMBAI DEMAND	2817	2839	2619	1807
STATE DEMAND MET	21207	20868	21303	16915
STATE DEMAND	21207	20868	21303	16915
Frequency (Hz)	49.96	50.02	49.94	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 13:03 Hrs	49.75 Hz at 18:44 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 24/Aug/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.67	57.66	185	125
Unit 7	0.00	0.00	0	0
Unit 8	12.45	257.68	565	480
Unit 9	11.05	222.13	540	385
Unit 10	12.02	246.57	549	470
Total	39.19	784.04		
Bhusawal				
Unit 3	0.00	25.75	0	0
Unit 4	9.72	231.32	450	280
Unit 5	10.31	231.80	495	280
Total	20.03	488.87		
Parli				
Unit 6	3.84	72.03	250	96
Unit 7	5.14	87.50	249	191
Unit 8	4.72	95.01	212	188
Total	13.69	254.54		
Chandrapur				
Unit 3	3.15	65.46	148	114
Unit 4	3.47	82.20	165	120
Unit 5	7.80	189.54	370	268
Unit 6	7.75	184.22	345	285
Unit 7	8.19	166.78	386	289
Unit 8	9.65	241.31	440	355
Unit 9	10.25	59.49	456	386
Total	50.27	989.00		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	4.47	109.12	208	154
Total	4.47	109.12		
Khaparkheda				
Unit 1	2.94	53.92	140	105
Unit 2	2.80	65.44	150	100
Unit 3	3.95	79.02	200	135
Unit 4	3.84	79.09	190	130
Unit 5	10.17	246.86	460	360
Total	23.70	524.32		
Nasik				
Unit 3	3.20	44.03	162	121
Unit 4	3.37	59.89	180	125
Unit 5	0.00	25.72	0	0
Total	6.57	129.65		
Uran				
All Units	4.71	114.48	288	120
Total	4.71	114.48		
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)	0.54	10.55	48	0
Total	0.54	10.55		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.43	59.26	475	40
Stage 4	0.00	3.10	0	0
Stage 3	0.79	21.28	146	0
Total	3.22	83.63		
Hydro				
KDPH	0.00	15.64	0	0
VTRNA	0.00	0.29	0	0
TILLARI	0.00	6.17	0	0
BHIRA T.R.	0.52	10.80	40	0
SMLHY_PTN	5.82	142.72	257	230
GHATGHAR	0.39	11.55	250	0
Total	6.73	187.18		
Wind				
Total	11.85	698.79	0	0
Total	11.85	698.79		
CPP				
APML(Mus)	56.81	1436.80	0	0
JSWEL(Mus)	23.46	504.35	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.14	583.17	0	0
SWPGPL-Mus	6.14	116.36	0	0
Other(Mus)	0.82	117.64	0	0
Total	112.37	2758.31		
SOLAR				
Total	6.96	130.17	0	0
Total	6.96	130.17		
Tata				
Trombay 5	7.89	206.62	473	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	6.95	0	0
Trombay 7B	0.00	5.53	0	0
Trombay 8	4.65	103.24	226	137
TATA Hydro	7.61	130.63	459	57
Total	20.15	452.97		
AEML				
DTPS U-1&2	9.74	235.13	502	283
Total	9.74	235.13		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	157.92	3279.54	MSPGCL Total	172.58	3664.84
			MSPGCL Thml+Gas	162.62	3394.02	Koyna 1,2 & 4 Total	2.43	62.35
			MSPGCL Hydro	9.95	270.82	State Total	333.64	7940.21

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 24/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	6160	346	268	6774	543	4607	0	0	4073	4634	-1134	15424	0	15424	2102	17526	49.99
2	6213	307	278	6798	451	4510	0	0	4086	4332	-969	15122	0	15122	1913	17035	49.98
3	6205	330	279	6814	375	4449	0	0	4386	4408	-938	15108	0	15108	1807	16915	49.98
4	6255	285	278	6818	335	4068	0	0	4538	4994	-987	15228	0	15228	1745	16973	49.95
5	6253	299	278	6830	243	4310	0	0	4682	5093	-927	15549	0	15549	1745	17294	49.95
6	6480	415	268	7163	219	4699	0	0	5018	5268	-935	16414	0	16414	1813	18227	49.99
7	7061	497	288	7846	243	4671	0	42	5696	6047	-870	17979	0	17979	1863	19842	49.98
8	7060	539	268	7867	228	4554	0	271	6007	6154	-681	18393	0	18393	2065	20458	50.00
9	6989	408	278	7675	303	4615	0	546	6163	6484	-921	18702	0	18702	2321	21023	50.04
10	6814	324	267	7405	272	4584	0	766	6618	6912	-1348	18591	0	18591	2544	21135	50.00
11	6695	331	256	7282	198	4727	0	911	6598	6888	-1616	18390	0	18390	2817	21207	49.96
12	6749	432	130	7311	127	4754	0	905	6430	6571	-1572	18096	0	18096	2904	21000	49.95
13	6612	345	130	7087	115	4617	0	838	6666	7003	-1631	18029	0	18029	2839	20868	50.02
14	6528	272	120	6920	159	4592	0	841	6446	6481	-1541	17452	0	17452	2702	20154	50.02
15	6565	305	130	7000	311	4618	0	725	6269	6616	-1417	17853	0	17853	2723	20576	50.00
16	6663	388	130	7181	373	4728	0	561	6200	6428	-1360	17911	0	17911	2719	20630	50.00
17	6734	275	130	7139	781	4611	0	357	6470	6462	-1274	18076	0	18076	2702	20778	49.98
18	6666	287	130	7083	822	4749	0	177	5937	5976	-1151	17656	0	17656	2669	20325	50.01
19	6670	693	130	7493	872	4819	0	18	5487	5842	-968	18076	0	18076	2591	20667	49.90
20	6612	1160	140	7912	1154	4999	0	0	5332	5579	-960	18684	0	18684	2619	21303	49.94
21	6551	537	130	7218	884	5101	0	0	5087	5273	-845	17631	0	17631	2497	20128	50.00
22	6526	515	130	7171	969	5079	0	0	4699	5025	-790	17454	0	17454	2367	19821	50.01
23	6503	360	140	7003	1026	5061	0	0	4741	4780	-839	17031	0	17031	2260	19291	49.95
24	6354	302	130	6786	846	4845	0	0	5035	4888	-954	16411	0	16411	2190	18601	49.98
MUs	157.92	9.95	4.71	172.58	11.85	112.37	0.00	6.96	132.66	138.14	-26.63	415.26	0.00	415.26	56.52	471.78	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 24/Aug/2021

Position as on 6.30 Hrs of 25/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	Paras Unit 3	250	20/07/2021	00.35		Continued.	Annual Overhaul	
TPC-G	Trombay 7B	60	05/08/2021	22.19		Continued.	Gas Shortage(Converted to AOH 00.00Hrs from Dt.09/08/2021)	
TPC-G	Trombay 7A	120	05/08/2021	22.39		Continued.	Gas Shortage(Converted to AOH 00.00Hrs from Dt.09/08/2021)	
IPP	Adani U-1	660	25/08/2021	00.06		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
PGPL	PGPL U2	126	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	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
IPP	SWPGPL U-4	135	05/08/2021	03.04		Continued.	Turbine Vibration High.	
MSPGCL	Nasik Unit 5	210	07/08/2021	20.45		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 3	210	15/08/2021	09.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Uran Unit 8	108	17/08/2021	20.06		Continued.	Gas shortage	
IPP	Dhariwal	300	18/08/2021	23.52		Continued.	Annual Overhaul.	
MSPGCL	Uran Unit 5	108	24/08/2021	10.55		Continued.	Generator Protection operated	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 25/Aug/2021

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
Chandrapur II - Dhariwal -I	InterState	24/08/2021	08.45	24/08/2021	18.44	PO	Disc Insulator checking work and to attend Hot Spot. Testing work
koaradi II - Wardha(PG)	IntraState	21/08/2021	15.35		Continued.	PO	Erection of 3 New Towers
Koradi 2-IEPL	IntraState	21/08/2021	15.46		Continued.	PO	Erection of 3 New Towers
Khadka-Aurangabad (Waluj)	IntraState	23/08/2021	23.02	24/08/2021	10.38	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	24/08/2021	23.02		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.(FTC DT 16/08/2021 At 14.42)
400/220/33 Kv 315 MVA ICT -I @Nagothane	IntraState	24/08/2021	10.08	24/08/2021	20.52	PO	Oil Top up and Bay Maintenance work
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)
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
Balapur-Akola I	IntraState	23/08/2021	22.12	24/08/2021	01.05	EO	To attend Hot Spot
Pedhambe - Oni	IntraState	24/08/2021	10.43	24/08/2021	15.55	T	Distance Protection
Kandalgaon - Pirangut	IntraState	24/08/2021	12.08	24/08/2021	17.16	T	Distance Protection
Talandge-Hamidwada	IntraState	24/08/2021	12.50	24/08/2021	15.33	EO	To attend Hot Spot
Deepnagar Bambhori	IntraState	24/08/2021	13.26	24/08/2021	16.22	EO	To attend Hot Spot
Flagship-Nandedcity	IntraState	25/08/2021	02.28		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Ict 1 @Tuljapur	IntraState	24/08/2021	11.35	24/08/2021	15.55	PO	Fire extinguisher overhauling work
220/132 kv 200MVA ICT II @ Girwali	IntraState	24/08/2021	12.57	24/08/2021	18.56	EO	To attend Hot Spot
200/100KV 100MVA ICT-1@Satara MIDC	IntraState	24/08/2021	15.00	24/08/2021	16.50	PO	Quarterly Maintenance Work

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