

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Aug/2021 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	139.718	3733.467	1) Gujrat	-9.224	-243.138
2) Hydro	28.501	331.319	2) Madhya Pradesh	2.904	92.205
3) Gas	6.686	131.206	3) Chattisgarh	2.370	87.530
Total MSPGCL	174.905	4195.992	4) Maharashtra	157.990	4000.428
B) 1) APML	54.605	1594.254	5) Goa (Amona)	-0.901	-27.010
2) JSWEL	25.640	579.378	Total	153.139	3910.015
3) VIPL	0.000	0.000	a) Mumbai Schedule	21.581	594.202
4) RPL(AMT)	25.676	659.950	b) Mumbai Drawl	21.872	671.993
5) SWPGPL	2.866	126.383	c) MSEDCL Bilateral *	24.003	930.434
6) Other IPP	1.260	120.928	Include PX	-1.504	161.836
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	21.581	594.202
C) 1) TPCL Thermal	15.997	355.750	Include PX	4.662	204.574
2) TPCL Hydro	8.156	152.772	Standby	0.000	0.000
3) TPCL Gas	0.000	12.476	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.786	270.492	1) MSEDCL	433.800	11411.416
D) STATE			2) Mumbai Discoms	57.810	1463.481
1) Thermal	277.548	7440.602	TOTAL STATE	491.610	12874.897
(A1+C1+C4+(B1-B6))					
2) Hydro	36.657	484.091			
(A2+C2)					
3) Gas	6.686	143.682			
(A3+B7+C3)					
4) Wind	10.185	744.688			
6) SOLAR	7.396	151.821			
TOTAL STATE	338.472	8964.884			

* 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 4 Hrs
MSPGCL Thermal	5985	5788	5683	5955
MSPGCL Hydro	1482	1166	2195	291
MSPGCL Gas	283	272	273	277
MSPGCL Total Generation	7750	7226	8151	6523
Central Sector Receipt	7349	7435	6065	5897
WIND	200	219	573	481
CPP / IPP Thermal	4485	4462	4709	4404
CPP / IPP Gas	0	0	0	0
SOLAR	829	850	0	0
Exchange with Mumbai	-1271	-1310	-1001	-865
MSEDCL DEMAND MET	19342	18882	18497	16440
Load Shedding	0	0	0	0
MSEDCL DEMAND	19342	18882	18497	16440
TPCL GENERATION	1083	1087	1142	603
AEML GENERATION	501	502	501	302
MUMBAI DEMAND	2855	2899	2644	1770
STATE DEMAND MET	22197	21781	21141	18210
STATE DEMAND	22197	21781	21141	18210
Frequency (Hz)	49.99	50.03	49.89	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 13:01 Hrs	49.59 Hz at 07:12 Hrs	49.94	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 27/Aug/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.84	69.05	170	140
Unit 7	0.00	0.00	0	0
Unit 8	10.27	290.95	500	352
Unit 9	9.33	252.95	474	352
Unit 10	8.82	278.38	502	320
Total	32.27	891.33		
Bhusawal				
Unit 3	0.00	25.75	0	0
Unit 4	10.44	262.74	475	380
Unit 5	10.40	263.07	485	385
Total	20.84	551.56		
Parli				
Unit 6	0.00	80.77	0	0
Unit 7	5.82	103.60	245	238
Unit 8	4.77	108.92	208	189
Total	10.60	293.29		
Chandrapur				
Unit 3	3.11	74.83	135	122
Unit 4	3.38	92.24	150	120
Unit 5	8.05	212.79	350	300
Unit 6	7.28	207.31	346	235
Unit 7	8.41	190.84	366	309
Unit 8	9.50	269.35	440	350
Unit 9	2.75	82.92	415	125
Total	42.48	1130.29		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	4.89	123.65	211	190
Total	4.89	123.65		
Khaparkheda				
Unit 1	3.00	62.42	145	85
Unit 2	3.42	74.64	165	120
Unit 3	4.32	91.65	190	155
Unit 4	4.27	91.70	188	150
Unit 5	9.02	273.79	415	350
Total	24.03	594.20		
Nasik				
Unit 3	0.00	50.88	0	0
Unit 4	4.61	72.54	198	188
Unit 5	0.00	25.72	0	0
Total	4.61	149.14		
Uran				
All Units	6.69	131.21	297	260
Total	6.69	131.21		
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)	0.59	12.30	27	16
Total	0.59	12.30		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	5.69	72.26	510	40
Stage 4	11.65	22.97	1000	0
Stage 3	3.63	27.82	240	0
Total	20.97	123.05		
Hydro				
KDPH	0.00	15.64	0	0
VTRNA	0.00	0.60	0	0
TILLARI	0.00	6.22	0	0
BHIRA T.R.	0.38	12.18	40	0
SMLHY_PTN	5.70	159.66	243	229
GHATGHAR	1.46	13.97	250	0
Total	7.53	208.27		
Wind				
Total	10.18	744.69	0	0
Total	10.18	744.69		
CPP				
APML(Mus)	54.60	1594.25	0	0
JSWEL(Mus)	25.64	579.38	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.68	659.95	0	0
SWPGPL-Mus	2.87	126.38	0	0
Other(Mus)	1.26	120.93	0	0
Total	110.05	3080.89		
SOLAR				
Total	7.40	151.82	0	0
Total	7.40	151.82		
Tata				
Trombay 5	10.88	237.30	484	284
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	5.12	118.45	222	136
TATA Hydro	8.16	152.77	459	183
Total	24.15	521.00		
AEML				
DTPS U-1&2	11.79	270.49	502	302
Total	11.79	270.49		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	139.72	3733.47	MSPGCL Total	174.90	4195.99
			MSPGCL Thml+Gas	146.40	3864.67	Koyna 1,2 & 4 Total	17.34	95.23
			MSPGCL Hydro	28.50	331.32	State Total	338.47	8964.88

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 27/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	5969	666	286	6921	580	4636	0	0	5156	5330	-663	16804	0	16804	2121	18925	49.93
2	5955	477	277	6709	548	4631	0	0	5116	5351	-541	16698	0	16698	1976	18674	49.97
3	5950	289	286	6525	499	4634	0	0	5255	5559	-581	16636	0	16636	1855	18491	49.97
4	5955	291	277	6523	481	4404	0	0	5527	5897	-865	16440	0	16440	1770	18210	49.99
5	5938	523	297	6758	452	4609	0	0	5354	5615	-638	16796	0	16796	1779	18575	50.00
6	5959	1355	287	7601	428	4591	0	0	5451	5749	-515	17854	0	17854	1858	19712	49.95
7	5956	1946	285	8187	364	4582	0	59	5987	6432	-507	19117	0	19117	1923	21040	49.83
8	5802	2027	286	8115	275	4473	0	261	6416	6905	-640	19389	0	19389	2101	21490	49.82
9	5786	2004	287	8077	215	4515	0	576	6450	6953	-900	19436	0	19436	2395	21831	49.98
10	5927	1916	275	8118	199	4450	0	751	6698	6932	-1119	19331	0	19331	2688	22019	49.95
11	5985	1482	283	7750	200	4485	0	829	7069	7349	-1271	19342	0	19342	2855	22197	49.99
12	5896	1308	272	7476	222	4480	0	945	7242	7208	-1347	18984	0	18984	2932	21916	50.03
13	5788	1166	272	7226	219	4462	0	850	7356	7435	-1310	18882	0	18882	2899	21781	50.03
14	5669	586	271	6526	294	4404	0	882	7313	7538	-1192	18452	0	18452	2756	21208	49.97
15	5600	690	260	6550	336	4450	0	857	7238	7546	-1192	18547	0	18547	2781	21328	49.88
16	5645	919	272	6836	438	4527	0	693	7034	7315	-1135	18674	0	18674	2779	21453	49.91
17	5645	902	272	6819	911	4616	0	472	6729	6706	-1081	18443	0	18443	2747	21190	49.87
18	5675	502	272	6449	882	4633	0	195	6409	6417	-1038	17538	0	17538	2695	20233	49.86
19	5621	1129	281	7031	720	4644	0	26	6092	6178	-991	17608	0	17608	2637	20245	49.83
20	5683	2195	273	8151	573	4709	0	0	6083	6065	-1001	18497	0	18497	2644	21141	49.89
21	5744	1693	283	7720	414	4755	0	0	5776	5776	-899	17766	0	17766	2540	20306	49.95
22	5829	1668	273	7770	265	4763	0	0	5531	5933	-819	17912	0	17912	2440	20352	49.96
23	5807	1639	284	7730	319	4790	0	0	5330	5399	-807	17431	0	17431	2342	19773	49.97
24	5934	1128	275	7337	351	4804	0	0	5353	5551	-820	17223	0	17223	2298	19521	49.99
MUs	139.72	28.50	6.69	174.90	10.18	110.05	0.00	7.40	147.96	153.14	-21.87	433.80	0.00	433.80	57.81	491.61	49.94

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 27/Aug/2021

Position as on 6.30 Hrs of 28/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 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	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	
IPP	Dhariwal	300	18/08/2021	23.52		Continued.	Annual Overhaul.	
IPP	SWPGPL U-2	135	25/08/2021	13.00		Continued.	PA Fan Vibration Problem	
MSPGCL	Uran Unit 5	108	26/08/2021	01.55		Continued.	Generator vibration abnormal.	
MSPGCL	Nasik Unit 3	210	26/08/2021	19.44		Continued.	Loss of fuel	
MSPGCL	Parli Unit 6	250	26/08/2021	21.06		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 9	500	27/08/2021	07.28		Continued.	Generator Exciter Shaft vibration high	
IPP	Adani U-2	660	28/08/2021	05.22		Continued.	Guide Bearing Abnormal Sound	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 28/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
Kolhapur Solapur (PG) II	InterState	27/08/2021	11.53	27/08/2021	21.15	PO	Relay Testing Work
Koradi-Bhusawal	IntraState	27/08/2021	15.51	27/08/2021	20.47	EO	Attending Red Hot on 400kv main Bus-II PG Isolator
Khadka-Aurangabad (Waluj)	IntraState	27/08/2021	22.43		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)
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
Uran - Kharghar 2	IntraState	25/08/2021	19.55		Continued.	T	Distance Protection
Nagothane - MSL	IntraState	26/08/2021	13.16	27/08/2021	19.25	T	Tripped on OverCurrent
Padghe - Kambha	IntraState	27/08/2021	08.53	27/08/2021	13.40	PO	Attending Hot Spot
Trombay - Mulund	IntraState	27/08/2021	08.55	27/08/2021	19.04	PO	OPGW Stringing work
Mudshingi-Belewadi	IntraState	27/08/2021	10.29	27/08/2021	12.10	PO	Quarterly Maintanance Work
Padghe - Wada	IntraState	27/08/2021	13.46	27/08/2021	16.57	EO	Emergency Tree cutting
Roma-Bhavegar	IntraState	27/08/2021	17.07	27/08/2021	17.52	EO	Emergency Tree Cutting
220 KV ICT Outages/Trippings							
220/22 Kv 50 Mva Alstom Ptr 1 @Mulund	IntraState	27/08/2021	09.22	27/08/2021	13.55	PO	Attending Hot Spot
220/132 Kv 200mva Kanohar Ict 3 @Bale (Solapur 2)	IntraState	27/08/2021	09.35	27/08/2021	20.24	PO	Attending Oil Leakage
220/22 Kv 50 Mva Areva Ptr 3 @Kamba	IntraState	27/08/2021	10.14	27/08/2021	18.22	PO	Diagnostic Testing work
220/100 Kv 100 Mva Cgl Ict 1 @Taloja	IntraState	27/08/2021	11.26	27/08/2021	17.36	PO	Attending Hot Spot
220/100 Kv 100 MVA ICT II @Kandalgaon	IntraState	27/08/2021	14.30	27/08/2021	17.40	PO	Routine Maintenance Work

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