

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Aug/2021 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	131.675	2974.850	1) Gujrat	-10.472	-201.499
2) Hydro	9.102	252.461	2) Madhya Pradesh	0.644	77.081
3) Gas	6.045	103.248	3) Chattisgarh	2.600	78.220
Total MSPGCL	146.822	3330.559	4) Maharashtra	138.285	3252.524
B) 1) APLM	57.861	1322.286	5) Goa (Amona)	-0.353	-22.474
2) JSWEL	20.638	458.861	Total	130.704	3183.852
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.707	482.337
4) RPL(AMT)	22.226	535.803	b) Mumbai Drawl	25.919	549.195
5) SWPGPL	4.756	104.490	c) MSEDCL Bilateral *	25.036	813.972
6) Other IPP	0.858	115.973	Include PX	0.903	177.347
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.707	482.337
C) 1) TPCL Thermal	9.942	286.412	Include PX	6.800	183.729
2) TPCL Hydro	2.371	116.883	Standby	0.000	0.000
3) TPCL Gas	0.000	12.476	H) ENERGY CATERED (MUs)		
4) AEML Thermal	6.847	216.556	1) MSEDCL	372.320	9295.499
D) STATE			2) Mumbai Discoms	45.079	1181.521
1) Thermal	254.803	6015.231	TOTAL STATE	417.399	10477.020
(A1+C1+C4+(B1-B6))					
2) Hydro	11.473	369.344			
(A2+C2)					
3) Gas	6.045	115.724			
(A3+B7+C3)					
4) Wind	8.480	676.733			
6) SOLAR	5.894	116.137			
TOTAL STATE	286.695	7293.169			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6003	5004	5886	5211
MSPGCL Hydro	444	327	959	295
MSPGCL Gas	278	267	187	279
MSPGCL Total Generation	6725	5598	7032	5785
Central Sector Receipt	6331	6087	5224	4543
WIND	282	271	417	429
CPP / IPP Thermal	4721	3851	4834	4457
CPP / IPP Gas	0	0	0	0
SOLAR	336	829	0	0
Exchange with Mumbai	-1215	-1401	-973	-936
MSEDCL DEMAND MET	17180	15235	16534	14278
Load Shedding	0	0	0	0
MSEDCL DEMAND	17180	15235	16534	14278
TPCL GENERATION	414	407	775	415
AEML GENERATION	286	286	285	285
MUMBAI DEMAND	1915	2094	2033	1636
STATE DEMAND MET	19095	17329	18567	15914
STATE DEMAND	19095	17329	18567	15914
Frequency (Hz)	50.02	50.01	50.00	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.09 Hz at 01.10 Hrs	49.93 Hz at 00.08 Hrs	50.01	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 22/Aug/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.33	50.88	160	120
Unit 7	0.00	0.00	0	0
Unit 8	13.51	231.87	596	521
Unit 9	0.00	204.63	0	0
Unit 10	12.96	221.71	560	520
Total	29.80	709.10		
Bhusawal				
Unit 3	0.00	25.75	0	0
Unit 4	7.92	213.03	410	285
Unit 5	7.95	212.71	415	280
Total	15.88	451.49		
Parli				
Unit 6	4.37	63.61	205	122
Unit 7	4.68	77.62	209	187
Unit 8	4.67	85.62	205	190
Total	13.72	226.85		
Chandrapur				
Unit 3	0.04	59.55	28	0
Unit 4	2.95	75.66	149	105
Unit 5	7.32	174.54	380	279
Unit 6	6.73	169.49	330	230
Unit 7	6.94	151.34	320	267
Unit 8	9.04	221.75	415	272
Unit 9	9.61	39.04	447	283
Total	42.64	891.36		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	3.84	100.84	197	133
Total	3.84	100.84		
Khaparkheda				
Unit 1	2.57	48.26	140	80
Unit 2	2.81	60.00	130	110
Unit 3	3.35	71.38	165	130
Unit 4	3.55	71.55	185	130
Unit 5	10.38	226.28	485	300
Total	22.66	477.48		
Nasik				
Unit 3	0.00	38.68	0	0
Unit 4	3.15	53.33	191	52
Unit 5	0.00	25.72	0	0
Total	3.15	117.73		
Uran				
All Units	6.04	103.25	289	116
Total	6.04	103.25		
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)	0.41	9.42	30	0
Total	0.41	9.42		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.78	55.46	445	40
Stage 4	0.24	2.96	177	0
Stage 3	0.66	20.00	80	0
Total	2.68	78.42		
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.	0.36	9.82	40	0
SMLHY_PTN	6.06	130.95	264	241
GHATGHAR	0.00	11.16	0	0
Total	6.42	174.04		
Wind				
Total	8.48	676.73	0	0
Total	8.48	676.73		
CPP				
APML(Mus)	57.86	1322.29	0	0
JSWEL(Mus)	20.64	458.86	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	22.23	535.80	0	0
SWPGPL-Mus	4.76	104.49	0	0
Other(Mus)	0.86	115.97	0	0
Total	106.34	2537.41		
SOLAR				
Total	5.89	116.14	0	0
Total	5.89	116.14		
Tata				
Trombay 5	6.68	191.45	279	273
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	3.27	94.97	139	133
TATA Hydro	2.37	116.88	361	0
Total	12.31	415.77		
AEML				
DTPS U-1&2	6.85	216.56	287	284
Total	6.85	216.56		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	131.68	2974.85	MSPGCL Total	146.82	3330.56
			MSPGCL Thml+Gas	137.72	3078.10	Koyna 1,2 & 4 Total	2.02	58.42
			MSPGCL Hydro	9.10	252.46	State Total	286.70	7293.17

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/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	5382	298	269	5949	523	4678	0	0	4650	4608	-1051	14707	0	14707	1827	16534	50.01
2	5223	312	289	5824	486	4596	0	0	4509	4738	-897	14747	0	14747	1720	16467	50.01
3	5211	295	279	5785	429	4457	0	0	4499	4543	-936	14278	0	14278	1636	15914	49.94
4	5311	305	279	5895	365	4261	0	0	4648	4800	-873	14448	0	14448	1576	16024	50.01
5	5487	296	289	6072	238	4501	0	0	4731	4941	-877	14875	0	14875	1577	16452	50.02
6	5837	347	269	6453	271	4744	0	0	4957	5336	-935	15869	0	15869	1635	17504	50.02
7	5887	384	280	6551	221	4695	0	17	5529	5930	-891	16523	0	16523	1671	18194	50.00
8	5959	584	289	6832	274	4712	0	122	5659	6180	-1030	17090	0	17090	1771	18861	50.03
9	6003	444	278	6725	282	4721	0	336	5942	6331	-1215	17180	0	17180	1915	19095	50.02
10	5839	355	268	6462	410	4688	0	630	5968	6115	-1359	16946	0	16946	2063	19009	50.03
11	5399	342	278	6019	476	4705	0	679	5869	6104	-1448	16535	0	16535	2156	18691	50.02
12	5354	323	266	5943	440	4238	0	751	5864	6110	-1448	16034	0	16034	2152	18186	50.04
13	5004	327	267	5598	271	3851	0	829	5997	6087	-1401	15235	0	15235	2094	17329	50.01
14	4901	334	265	5500	178	3853	0	803	5771	5875	-1270	14939	0	14939	1976	16915	50.00
15	4922	360	266	5548	227	3830	0	650	5644	5909	-1209	14955	0	14955	1917	16872	49.97
16	5313	321	217	5851	272	3868	0	492	5463	5877	-1149	15211	0	15211	1858	17069	50.01
17	5378	309	126	5813	377	3873	0	393	5432	5682	-1114	15024	0	15024	1831	16855	50.00
18	5405	306	116	5827	343	3919	0	180	5295	5640	-1038	14871	0	14871	1849	16720	49.98
19	5567	296	177	6040	349	4319	0	12	4902	5651	-911	15460	0	15460	1918	17378	50.04
20	5886	959	187	7032	417	4834	0	0	4837	5224	-973	16534	0	16534	2033	18567	50.00
21	5787	498	268	6553	440	4860	0	0	4819	4663	-981	15535	0	15535	2046	17581	49.95
22	5780	389	277	6446	439	4871	0	0	4627	4686	-970	15472	0	15472	2004	17476	49.95
23	5478	383	268	6129	390	4784	0	0	4630	4721	-967	15057	0	15057	1945	17002	50.02
24	5362	335	278	5975	362	4481	0	0	4657	4953	-976	14795	0	14795	1909	16704	50.04
MUs	131.67	9.10	6.05	146.82	8.48	106.34	0.00	5.89	124.90	130.70	-25.92	372.32	0.00	372.32	45.08	417.40	50.01

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 22/Aug/2021

Position as on 6.30 Hrs of 23/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)	
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.	
IPP	SWPGPL U-2	135	19/08/2021	10.40	22/08/2021	05.15	ID Fan Vibration.	
MSPGCL	Chandrapur Unit 3	210	19/08/2021	11.01	22/08/2021	22.17	Boiler Tube Leakage	
MSPGCL	Nasik Unit 3	210	19/08/2021	18.35	23/08/2021	06.33	Zero schedule	
MSPGCL	Koradi Unit 9	660	20/08/2021	08.50		Continued.	Main Steam temp high.	
MSPGCL	Uran Unit 6	108	22/08/2021	15.41	22/08/2021	18.07	Module Malfunction.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 22/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 23/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	22/08/2021	08.54	22/08/2021	18.22	EO	To attend Hot Spot
Khadka-Aurangabad (Waluj)	IntraState	19/08/2021	18.16		Continued.	HT	Over Voltage
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
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
Badnera Tss-li	IntraState	16/08/2021	18.16		Continued.	T	R-Ph string decap from gantry at badnera end.
Trombay Salsette 1 Backbay	IntraState	21/08/2021	23.34	22/08/2021	03.54	PO	Metro work
Kandalgaon - Pirangut	IntraState	22/08/2021	09.00	22/08/2021	16.31	PO	Replacement of Polymer Insulator
ANANDNAGAR - PALAVA	IntraState	22/08/2021	09.28	22/08/2021	18.17	PO	Fixing of additional Jumpers
OSMANABAD PARANDA	IntraState	22/08/2021	10.47	22/08/2021	12.46	PO	LA Earthing Fabrication work
PARANDA BARSHI	IntraState	22/08/2021	13.13	22/08/2021	15.35	PO	LA Earthing Fabrication work
220 KV ICT Outages/Trippings							
220/22-22 KV 100 MVA PTR 3 @ PAL-DOMBIVALI	IntraState	21/08/2021	22.13	22/08/2021	03.13	T	Internal Fault
220/132 Kv 100 Mva Ict 2 @Paranda	IntraState	22/08/2021	17.10	22/08/2021	19.10	PO	LA Earthing Fabrication work

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