

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 31/Aug/2021 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	116.673	4260.677	1) Gujrat	-11.801	-292.962
2) Hydro	11.453	414.239	2) Madhya Pradesh	1.294	97.138
3) Gas	8.265	162.780	3) Chattisgarh	4.010	103.230
Total MSPGCL	136.391	4837.696	4) Maharashtra	145.694	4644.545
B) 1) APLM	39.868	1761.598	5) Goa (Amona)	-1.165	-29.805
2) JSWEL	21.684	675.140	Total	138.032	4522.146
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.757	678.848
4) RPL(AMT)	30.346	776.961	b) Mumbai Drawl	24.892	757.901
5) SWPGPL	5.293	140.306	c) MSEDCL Bilateral *	27.554	1050.051
6) Other IPP	5.052	129.691	Include PX	-0.479	180.449
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.757	678.848
C) 1) TPCL Thermal	13.541	416.537	Include PX	4.168	214.837
2) TPCL Hydro	3.938	176.958	Standby	0.000	0.000
3) TPCL Gas	0.000	12.476	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.313	317.294	1) MSEDCL	379.914	13067.640
D) STATE			2) Mumbai Discoms	53.684	1681.164
1) Thermal	243.770	8478.204	TOTAL STATE	433.598	14748.804
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	15.391	591.197			
3) Gas (A3+B7+C3)	8.265	175.256			
4) Wind	25.160	812.520			
6) SOLAR	2.980	169.483			
TOTAL STATE	295.566	10226.660			

* 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 18 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4778	5311	5180	4485
MSPGCL Hydro	539	516	1719	270
MSPGCL Gas	288	406	406	299
MSPGCL Total Generation	5605	6233	7305	5054
Central Sector Receipt	7076	5767	5426	4552
WIND	1025	752	876	1262
CPP / IPP Thermal	4447	4307	4493	4173
CPP / IPP Gas	0	0	0	0
SOLAR	199	79	0	0
Exchange with Mumbai	-1082	-1072	-945	-780
MSEDCL DEMAND MET	17270	16066	17155	14261
Load Shedding	0	0	0	0
MSEDCL DEMAND	17270	16066	17155	14261
TPCL GENERATION	957	824	992	486
AEML GENERATION	490	492	495	493
MUMBAI DEMAND	2529	2388	2432	1759
STATE DEMAND MET	19799	18454	19587	16020
STATE DEMAND	19799	18454	19587	16020
Frequency (Hz)	50.04	50.00	50.01	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 13:02 Hrs	49.85 Hz at 18:32 Hrs	50.02	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 31/Aug/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.33	83.00	165	125
Unit 7	0.00	0.00	0	0
Unit 8	9.27	336.37	433	342
Unit 9	8.56	293.36	382	325
Unit 10	8.70	320.28	390	340
Total	29.85	1033.01		
Bhusawal				
Unit 3	3.35	36.10	175	120
Unit 4	0.00	275.85	0	0
Unit 5	9.30	304.04	450	280
Total	12.66	616.00		
Parli				
Unit 6	0.00	80.77	0	0
Unit 7	4.86	125.53	245	183
Unit 8	4.66	127.53	208	174
Total	9.51	333.84		
Chandrapur				
Unit 3	2.03	85.76	119	0
Unit 4	2.64	104.38	140	35
Unit 5	7.68	245.76	367	275
Unit 6	6.69	238.51	330	195
Unit 7	7.32	222.48	360	251
Unit 8	8.77	305.04	380	350
Unit 9	0.41	83.34	132	0
Total	35.54	1285.27		
Paras				
Unit 3	3.65	3.85	217	111
Unit 4	4.02	142.03	208	142
Total	7.67	145.88		
Khaparkheda				
Unit 1	0.00	70.09	0	0
Unit 2	3.48	87.89	175	115
Unit 3	4.24	107.73	205	135
Unit 4	0.33	102.09	131	0
Unit 5	9.54	312.78	410	375
Total	17.59	680.58		
Nasik				
Unit 3	0.00	50.88	0	0
Unit 4	3.86	89.52	199	125
Unit 5	0.00	25.72	0	0
Total	3.86	166.12		
Uran				
All Units	8.26	162.78	411	278
Total	8.26	162.78		
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)	0.40	14.07	26	0
Total	0.40	14.07		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.60	91.44	500	40
Stage 4	1.50	49.25	741	0
Stage 3	0.95	38.31	160	0
Total	5.06	179.00		
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.	0.51	14.02	40	0
SMLHY_PTN	5.53	182.60	243	221
GHATGHAR	0.35	16.16	250	0
Total	6.39	235.24		
Wind				
Total	25.16	812.52	0	0
Total	25.16	812.52		
CPP				
APML(Mus)	39.87	1761.60	0	0
JSWEL(Mus)	21.68	675.14	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	30.35	776.96	0	0
SWPGPL-Mus	5.29	140.31	0	0
Other(Mus)	5.05	129.69	0	0
Total	102.24	3483.70		
SOLAR				
Total	2.98	169.48	0	0
Total	2.98	169.48		
Tata				
Trombay 5	8.90	278.49	481	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	4.64	138.05	214	136
TATA Hydro	3.94	176.96	311	0
Total	17.48	605.97		
AEML				
DTPS U-1&2	11.31	317.29	496	286
Total	11.31	317.29		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	116.67	4260.68	MSPGCL Total	136.39	4837.70
			MSPGCL Thml+Gas	124.94	4423.46	Koyna 1,2 & 4 Total	4.11	140.69
			MSPGCL Hydro	11.45	414.24	State Total	295.57	10226.66

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 31/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	4718	277	288	5283	1437	4366	0	0	5111	4857	-959	14984	0	14984	2044	17028	50.03
2	4750	280	288	5318	1376	4230	0	0	5105	4687	-896	14715	0	14715	1948	16663	50.00
3	4665	274	288	5227	1360	4166	0	0	5083	4609	-850	14512	0	14512	1838	16350	50.00
4	4485	270	299	5054	1262	4173	0	0	5281	4552	-780	14261	0	14261	1759	16020	50.03
5	4530	271	288	5089	1299	4164	0	0	5367	5418	-955	15015	0	15015	1737	16752	50.04
6	4779	297	289	5365	1245	4269	0	0	5569	5547	-1083	15343	0	15343	1799	17142	50.02
7	4896	347	289	5532	1228	4439	0	5	5958	5778	-1089	15893	0	15893	1850	17743	50.04
8	4969	596	289	5854	1140	4454	0	45	6215	6349	-969	16873	0	16873	1986	18859	49.99
9	4995	398	278	5671	1149	4466	0	112	6742	6389	-1090	16697	0	16697	2258	18955	50.01
10	4778	539	288	5605	1025	4447	0	199	6755	7076	-1082	17270	0	17270	2529	19799	50.04
11	4869	408	285	5562	939	4252	0	331	7256	7058	-1240	16902	0	16902	2692	19594	50.05
12	4677	376	312	5365	1066	4153	0	402	7403	7063	-1250	16799	0	16799	2731	19530	50.02
13	4599	273	364	5236	1029	3782	0	369	6876	6545	-1183	15778	0	15778	2657	18435	50.03
14	4583	280	411	5274	985	3549	0	448	6636	6714	-1125	15845	0	15845	2505	18350	50.07
15	4589	313	408	5310	989	3763	0	432	6171	6271	-1109	15656	0	15656	2466	18122	50.00
16	4699	440	396	5535	908	4090	0	329	6016	6163	-1152	15873	0	15873	2434	18307	50.02
17	4954	278	396	5628	819	4339	0	223	5771	5844	-1083	15770	0	15770	2410	18180	50.03
18	5311	516	406	6233	752	4307	0	79	5554	5767	-1072	16066	0	16066	2388	18454	50.00
19	5218	1480	405	7103	732	4428	0	6	5434	5281	-920	16630	0	16630	2416	19046	49.99
20	5180	1719	406	7305	876	4493	0	0	5593	5426	-945	17155	0	17155	2432	19587	50.01
21	5154	741	407	6302	985	4547	0	0	5560	5401	-874	16361	0	16361	2351	18712	50.07
22	5088	421	396	5905	892	4486	0	0	5549	5347	-1056	15574	0	15574	2240	17814	50.04
23	5051	339	395	5785	857	4415	0	0	5094	5162	-1087	15132	0	15132	2143	17275	50.01
24	5136	320	394	5850	810	4465	0	0	4979	4728	-1043	14810	0	14810	2071	16881	50.00
MUs	116.67	11.45	8.26	136.39	25.16	102.24	0.00	2.98	141.08	138.03	-24.89	379.91	0.00	379.91	53.68	433.60	50.02

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 31/Aug/2021

Position as on 6.30 Hrs of 01/Sep/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
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	Nasik Unit 3	210	26/08/2021	19.44		Continued.	Loss of fuel(Unit out against Dhariwal case IV Transaction)	
MSPGCL	Parli Unit 6	250	26/08/2021	21.06		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 9	500	27/08/2021	07.28	31/08/2021	14.20	Generator Exciter Shaft vibration high	
IPP	Adani U-2	660	28/08/2021	05.22		Continued.	Guide Bearing Abnormal Sound	
MSPGCL	Bhusawal Unit 4	500	29/08/2021	06.34		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 1	210	30/08/2021	13.27		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	30/08/2021	16.18	31/08/2021	10.51	Generator Protection operated	
MSPGCL	Khaparkheda Unit 4	210	30/08/2021	19.45	31/08/2021	20.48	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 3	210	30/08/2021	21.07	31/08/2021	03.57	Turbine Tripped	
MSPGCL	Chandrapur Unit 9	500	31/08/2021	17.38		Continued.	Turbine vibration high.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 31/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 01/Sep/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
Koradi 2-IEPL	IntraState	21/08/2021	15.46	31/08/2021	14.41	PO	Erection of 3 New Towers
Main Bus II @Khaparkheda S/st	IntraState	30/08/2021	09.48	31/08/2021	00.11	PO	T-Connection of bus-isolator of reactor bay for 400kv 125mvar bus-shunt reactor (bay-408).
Khadka-Aurangabad (Waluj)	IntraState	30/08/2021	19.41		Continued.	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	31/08/2021	08.43		Continued.	PO	Replacement of Polymer insulators under LE scheme (RFC 19:20).
Warora -IEPL	IntraState	31/08/2021	14.28	31/08/2021	14.47	HT	To take Koradi-IEPL in service.
400 KV ICT Outages/Trippings							
400/220/33 Kv, 167 Mva, Spare Ict @Khaparkheda	IntraState	30/08/2021	09.27	31/08/2021	00.14	T	To carry outage on 400 kv main bus II.
400/220/33 Kv 315 MVA ICT -I @Nagothane	IntraState	31/08/2021	07.47	31/08/2021	19.27	EO	IR testing work of LV CT Bus Bar cable.
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
BHALVANI VARKUTI MALWADI	IntraState	30/08/2021	17.00		Continued.	PO	For Making Bunching on Guide Tower
VARKUTI(MALWADI) HIWARWADI	IntraState	30/08/2021	17.41		Continued.	PO	For Making Bunching on Guide Tower
Kandalgaon - ONGC Panvel	IntraState	30/08/2021	19.40	31/08/2021	00.22	T	B Phase CC Burst at ONGC Panvel
220KV Chalisagaon-Kopergaon	IntraState	31/08/2021	01.17	31/08/2021	02.23	T	Distance Protection
Karad - Vita Ckt- II	IntraState	31/08/2021	09.34	31/08/2021	15.34	PO	Attending Hot Spot
satara MIDC- Malharpeth	IntraState	31/08/2021	09.40	31/08/2021	13.23	PO	C & Tan delta testing & quarterly maintenance work.
Kalmeshwar-Pandhurna	IntraState	31/08/2021	10.49	31/08/2021	18.35	PO	Line Maintenance work
Osmanabad - Solapur (Bale)	IntraState	31/08/2021	11.10	31/08/2021	11.56	PO	Outage is Required for Line Signature Analysis Test.
Pusad-WardhaPG(Deoli)	IntraState	31/08/2021	11.45	31/08/2021	16.26	T	Distance Protection
Solapur(Bale) - Tuljapur	IntraState	31/08/2021	12.22	31/08/2021	13.10	PO	Outage is Required for Line Signature Analysis Test.
Nanded-Parbhani	IntraState	31/08/2021	13.30	31/08/2021	20.17	T	Distance Protection
Padghe - Jambhul 2	IntraState	31/08/2021	22.39	01/09/2021	03.00	EO	Replacement of NT switch.

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