

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Aug/2021 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	132.386	4144.004	1) Gujrat	-12.380	-281.161
2) Hydro	13.632	402.786	2) Madhya Pradesh	0.909	95.844
3) Gas	9.078	154.515	3) Chattisgarh	4.020	99.220
Total MSPGCL	155.096	4701.305	4) Maharashtra	162.039	4498.851
B) 1) APML	41.576	1721.730	5) Goa (Amona)	-0.596	-28.640
2) JSWEL	22.973	653.456	Total	153.992	4384.114
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.861	655.092
4) RPL(AMT)	31.487	746.615	b) Mumbai Drawl	23.218	733.009
5) SWPGPL	2.989	135.013	c) MSEDCL Bilateral *	30.522	1022.497
6) Other IPP	1.275	124.639	Include PX	6.944	180.928
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.861	655.092
C) 1) TPCL Thermal	15.272	402.996	Include PX	2.754	210.669
2) TPCL Hydro	6.294	173.020	Standby	0.000	0.000
3) TPCL Gas	0.000	12.476	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.860	305.981	1) MSEDCL	409.213	12687.726
D) STATE			2) Mumbai Discoms	56.644	1627.480
1) Thermal	259.818	8234.434	TOTAL STATE	465.857	14315.206
(A1+C1+C4+(B1-B6))					
2) Hydro	19.926	575.806			
(A2+C2)					
3) Gas	9.078	166.991			
(A3+B7+C3)					
4) Wind	20.018	787.360			
6) SOLAR	3.025	166.503			
TOTAL STATE	311.865	9931.094			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	5858	5641	5509	4728
MSPGCL Hydro	744	503	1120	279
MSPGCL Gas	421	408	288	288
MSPGCL Total Generation	7023	6552	6917	5295
Central Sector Receipt	7885	7176	5778	5072
WIND	608	605	1301	1258
CPP / IPP Thermal	4264	4180	4277	4349
CPP / IPP Gas	0	0	0	0
SOLAR	289	377	0	0
Exchange with Mumbai	-1184	-1141	-885	-1017
MSEDCL DEMAND MET	18885	17749	17388	14957
Load Shedding	0	0	0	0
MSEDCL DEMAND	18885	17749	17388	14957
TPCL GENERATION	999	1063	1105	617
AEML GENERATION	484	493	500	490
MUMBAI DEMAND	2667	2697	2490	2124
STATE DEMAND MET	21552	20446	19878	17081
STATE DEMAND	21552	20446	19878	17081
Frequency (Hz)	50.00	49.94	50.02	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 18:03 Hrs	49.84 Hz at 11:28 Hrs	50	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 30/Aug/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.70	79.67	175	125
Unit 7	0.00	0.00	0	0
Unit 8	12.99	327.10	600	392
Unit 9	11.04	284.80	520	362
Unit 10	11.64	311.58	530	370
Total	39.37	1003.15		
Bhusawal				
Unit 3	3.58	32.76	170	120
Unit 4	0.00	275.85	0	0
Unit 5	10.56	294.74	470	290
Total	14.14	603.34		
Parli				
Unit 6	0.00	80.77	0	0
Unit 7	5.48	120.68	249	187
Unit 8	4.74	122.87	202	191
Total	10.22	324.32		
Chandrapur				
Unit 3	2.73	83.73	135	0
Unit 4	3.11	101.74	140	110
Unit 5	8.18	238.08	370	300
Unit 6	7.92	231.82	355	290
Unit 7	7.82	215.16	347	303
Unit 8	9.02	296.27	420	198
Unit 9	0.00	82.92	0	0
Total	38.79	1249.73		
Paras				
Unit 3	0.20	0.20	84	0
Unit 4	4.66	138.02	230	154
Total	4.85	138.21		
Khaparkheda				
Unit 1	1.49	70.09	125	0
Unit 2	3.17	84.42	145	110
Unit 3	3.48	103.49	175	130
Unit 4	2.80	101.76	155	0
Unit 5	9.99	303.24	440	405
Total	20.94	662.99		
Nasik				
Unit 3	0.00	50.88	0	0
Unit 4	4.09	85.66	198	122
Unit 5	0.00	25.72	0	0
Total	4.09	162.26		
Uran				
All Units	9.08	154.52	435	277
Total	9.08	154.52		
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)	0.37	13.67	24	0
Total	0.37	13.67		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.01	88.84	450	40
Stage 4	2.01	47.75	442	0
Stage 3	1.57	37.35	212	0
Total	7.59	173.94		
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.	0.50	13.50	40	0
SMLHY_PTN	5.42	177.07	243	198
GHATGHAR	0.13	15.81	92	0
Total	6.04	228.85		
Wind				
Total	20.02	787.36	0	0
Total	20.02	787.36		
CPP				
APML(Mus)	41.58	1721.73	0	0
JSWEL(Mus)	22.97	653.46	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.49	746.62	0	0
SWPGPL-Mus	2.99	135.01	0	0
Other(Mus)	1.28	124.64	0	0
Total	100.30	3381.45		
SOLAR				
Total	3.02	166.50	0	0
Total	3.02	166.50		
Tata				
Trombay 5	10.41	269.59	485	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	4.86	133.41	217	138
TATA Hydro	6.29	173.02	404	0
Total	21.57	588.49		
AEML				
DTPS U-1&2	11.86	305.98	500	484
Total	11.86	305.98		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	132.39	4144.00	MSPGCL Total	155.10	4701.30
			MSPGCL Thml+Gas	141.46	4298.52	Koyna 1,2 & 4 Total	6.02	136.58
			MSPGCL Hydro	13.63	402.79	State Total	311.86	9931.09

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 30/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	5562	283	413	6258	763	4279	0	0	5877	5541	-720	16121	0	16121	2166	18287	50.03
2	5565	283	425	6273	825	4111	0	0	6039	5377	-698	15888	0	15888	2028	17916	50.03
3	5358	289	423	6070	834	4137	0	0	6172	6009	-758	16292	0	16292	1907	18199	50.01
4	5200	287	414	5901	763	4025	0	0	6001	5714	-749	15654	0	15654	1841	17495	50.00
5	5524	281	435	6240	708	4025	0	0	5972	5879	-719	16133	0	16133	1830	17963	49.99
6	5905	484	424	6813	615	4237	0	0	6001	5966	-717	16914	0	16914	1889	18803	50.01
7	5909	759	424	7092	846	4303	0	14	6485	6283	-605	17933	0	17933	1961	19894	49.98
8	5902	841	425	7168	810	4307	0	74	6754	6659	-700	18318	0	18318	2127	20445	49.99
9	5866	659	425	6950	762	4323	0	156	7192	7303	-952	18542	0	18542	2413	20955	50.02
10	5858	744	421	7023	608	4264	0	289	7480	7885	-1184	18885	0	18885	2667	21552	50.00
11	5806	544	426	6776	580	4076	0	378	8018	8162	-1318	18654	0	18654	2827	21481	50.00
12	5845	521	414	6780	485	4006	0	435	7868	7760	-1327	18139	0	18139	2867	21006	49.99
13	5831	690	422	6943	353	3958	0	474	7428	7102	-1256	17574	0	17574	2842	20416	49.97
14	5693	692	410	6795	409	3974	0	369	7346	7341	-1219	17669	0	17669	2713	20382	49.99
15	5641	503	408	6552	605	4180	0	377	7094	7176	-1141	17749	0	17749	2697	20446	49.94
16	5322	316	435	6073	791	4202	0	260	7075	7212	-1160	17378	0	17378	2687	20065	50.02
17	5420	703	329	6452	855	4226	0	164	6600	6692	-1119	17270	0	17270	2651	19921	49.97
18	5605	522	277	6404	913	4148	0	34	6402	6098	-1053	16544	0	16544	2585	19129	49.99
19	5603	1224	287	7114	1142	4140	0	1	5957	5784	-937	17244	0	17244	2535	19779	50.03
20	5509	1120	288	6917	1301	4277	0	0	5976	5778	-885	17388	0	17388	2490	19878	50.02
21	5148	472	298	5918	1169	4214	0	0	5892	5756	-906	16151	0	16151	2373	18524	50.03
22	4816	596	278	5690	1215	4269	0	0	5743	5990	-1034	16130	0	16130	2257	18387	50.04
23	4770	540	289	5599	1408	4269	0	0	5642	5453	-1044	15685	0	15685	2167	17852	50.03
24	4728	279	288	5295	1258	4349	0	0	5752	5072	-1017	14957	0	14957	2124	17081	50.03
MUs	132.39	13.63	9.08	155.10	20.02	100.30	0.00	3.02	156.77	153.99	-23.22	409.21	0.00	409.21	56.64	465.86	50.00

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 30/Aug/2021

Position as on 6.30 Hrs of 31/Aug/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Paras Unit 3	250	20/07/2021	00.35	30/08/2021	20.12	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	
IPP	Dhariwal	300	18/08/2021	23.52	30/08/2021	22.29	Annual Overhaul.	
IPP	SWPGPL U-2	135	25/08/2021	13.00	30/08/2021	18.41	PA Fan Vibration Problem	
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		Continued.	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		Continued.	Generator Protection operated	
MSPGCL	Khaparkheda Unit 4	210	30/08/2021	19.45		Continued.	Boiler Tube Leakage	
MSPGCL	Paras Unit 3	250	30/08/2021	21.05	30/08/2021	22.00	Electrical Fault	
MSPGCL	Chandrapur Unit 3	210	30/08/2021	21.07	31/08/2021	03.57	Turbine Tripped	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 31/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
Koradi 2-IEPL	IntraState	21/08/2021	15.46		Continued.	PO	Erection of 3 New Towers
Karad - Talandge Ckt 2	IntraState	30/08/2021	08.26	30/08/2021	17.54	EO	To attend Hot Spot
Warora -IEPL	IntraState	30/08/2021	16.35	30/08/2021	17.46	T	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	30/08/2021	19.41		Continued.	HT	Over Voltage
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)
Tillari Amona	InterState	30/08/2021	12.37	30/08/2021	17.11	PO	ABT Meter replacement
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
Dondaicha- Shahada	IntraState	30/08/2021	12.31	30/08/2021	12.47	T	Distance Protection
Sonkhar - Trombay	IntraState	30/08/2021	16.18	30/08/2021	16.56	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

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