

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Aug/2021 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	146.772	3121.622	1) Gujrat	-10.102	-211.601
2) Hydro	8.402	260.863	2) Madhya Pradesh	2.234	79.315
3) Gas	6.529	109.777	3) Chattisgarh	2.360	80.580
Total MSPGCL	161.703	3492.262	4) Maharashtra	145.107	3397.631
B) 1) APML	57.702	1379.988	5) Goa (Amona)	-0.867	-23.341
2) JSWEL	22.032	480.893	Total	138.732	3322.584
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.707	506.043
4) RPL(AMT)	22.220	558.023	b) Mumbai Drawl	27.315	576.510
5) SWPGPL	5.726	110.216	c) MSEDCL Bilateral *	23.790	837.762
6) Other IPP	0.847	116.820	Include PX	-1.812	175.535
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.707	506.043
C) 1) TPCL Thermal	10.916	297.328	Include PX	6.040	189.769
2) TPCL Hydro	6.137	123.020	Standby	0.000	0.000
3) TPCL Gas	0.000	12.476	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.834	225.390	1) MSEDCL	398.931	9694.430
D) STATE			2) Mumbai Discoms	53.202	1234.723
1) Thermal	275.049	6290.280	TOTAL STATE	452.133	10929.153
(A1+C1+C4+(B1-B6))					
2) Hydro	14.539	383.883			
(A2+C2)					
3) Gas	6.529	122.253			
(A3+B7+C3)					
4) Wind	10.209	686.942			
6) SOLAR	7.075	123.212			
TOTAL STATE	313.401	7606.570			

* 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 17 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6307	6344	6801	5444
MSPGCL Hydro	437	322	553	294
MSPGCL Gas	267	265	276	268
MSPGCL Total Generation	7011	6931	7630	6006
Central Sector Receipt	6604	6137	5329	5054
WIND	162	797	1225	212
CPP / IPP Thermal	4818	4576	4900	3993
CPP / IPP Gas	0	0	0	0
SOLAR	759	361	0	0
Exchange with Mumbai	-1458	-1374	-1208	-877
MSEDCL DEMAND MET	17896	17428	17876	14388
Load Shedding	0	0	0	0
MSEDCL DEMAND	17896	17428	17876	14388
TPCL GENERATION	806	806	876	416
AEML GENERATION	296	450	451	284
MUMBAI DEMAND	2560	2630	2535	1577
STATE DEMAND MET	20456	20058	20410	15965
STATE DEMAND	20456	20058	20410	15965
Frequency (Hz)	50.01	49.99	49.93	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 18:01 Hrs	49.81 Hz at 12:15 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 23/Aug/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.12	53.99	140	120
Unit 7	0.00	0.00	0	0
Unit 8	13.36	245.23	583	520
Unit 9	6.45	211.08	550	0
Unit 10	12.83	234.54	558	510
Total	35.75	744.85		
Bhusawal				
Unit 3	0.00	25.75	0	0
Unit 4	8.57	221.60	440	280
Unit 5	8.78	221.49	430	280
Total	17.35	468.84		
Parli				
Unit 6	4.58	68.20	231	163
Unit 7	4.74	82.36	244	191
Unit 8	4.67	90.29	206	183
Total	13.99	240.84		
Chandrapur				
Unit 3	2.76	62.31	148	70
Unit 4	3.07	78.73	165	112
Unit 5	7.19	181.73	335	275
Unit 6	6.98	176.47	325	275
Unit 7	7.26	158.59	350	270
Unit 8	9.92	231.66	445	390
Unit 9	10.21	49.24	468	383
Total	47.38	938.73		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	3.80	104.65	205	147
Total	3.80	104.65		
Khaparkheda				
Unit 1	2.72	50.98	130	100
Unit 2	2.64	62.64	125	90
Unit 3	3.68	75.06	195	130
Unit 4	3.70	75.25	200	130
Unit 5	10.42	236.70	450	400
Total	23.14	500.63		
Nasik				
Unit 3	2.16	40.84	157	0
Unit 4	3.19	56.52	167	120
Unit 5	0.00	25.72	0	0
Total	5.35	123.08		
Uran				
All Units	6.53	109.78	289	264
Total	6.53	109.78		
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)	0.59	10.00	26	20
Total	0.59	10.00		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.37	56.82	165	40
Stage 4	0.14	3.10	136	0
Stage 3	0.48	20.49	80	0
Total	1.99	80.41		
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.	0.46	10.28	40	0
SMLHY_PTN	5.95	136.90	256	241
GHATGHAR	0.00	11.16	0	0
Total	6.41	180.45		
Wind				
Total	10.21	686.94	0	0
Total	10.21	686.94		
CPP				
APML(Mus)	57.70	1379.99	0	0
JSWEL(Mus)	22.03	480.89	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	22.22	558.02	0	0
SWPGPL-Mus	5.73	110.22	0	0
Other(Mus)	0.85	116.82	0	0
Total	108.53	2645.94		
SOLAR				
Total	7.08	123.21	0	0
Total	7.08	123.21		
Tata				
Trombay 5	7.29	198.73	475	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	3.63	98.60	223	137
TATA Hydro	6.14	123.02	459	0
Total	17.05	432.82		
AEML				
DTPS U-1&2	8.83	225.39	501	284
Total	8.83	225.39		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	146.77	3121.62	MSPGCL Total	161.70	3492.26
			MSPGCL Thml+Gas	153.30	3231.40	Koyna 1,2 & 4 Total	1.51	59.92
			MSPGCL Hydro	8.40	260.86	State Total	313.40	7606.57

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/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	5414	296	278	5988	326	4700	0	0	4779	4897	-1042	14869	0	14869	1819	16688	50.03
2	5472	294	279	6045	268	4022	0	0	4898	4995	-989	14341	0	14341	1717	16058	50.00
3	5445	289	279	6013	262	3976	0	0	4922	5184	-934	14501	0	14501	1636	16137	50.01
4	5444	294	268	6006	212	3993	0	0	4893	5054	-877	14388	0	14388	1577	15965	50.00
5	5477	287	279	6043	204	4163	0	0	4944	5422	-880	14952	0	14952	1580	16532	49.99
6	5767	312	289	6368	131	4699	0	0	5320	5584	-943	15839	0	15839	1645	17484	50.01
7	6152	373	279	6804	144	4753	0	46	6189	6288	-954	17081	0	17081	1743	18824	50.03
8	6171	383	269	6823	96	4800	0	259	6589	6743	-1014	17707	0	17707	1954	19661	50.03
9	5871	415	278	6564	129	4774	0	547	6843	6937	-1259	17692	0	17692	2261	19953	50.02
10	6307	437	267	7011	162	4818	0	759	6182	6604	-1458	17896	0	17896	2560	20456	50.01
11	6187	339	266	6792	137	4688	0	877	6559	6268	-1353	17409	0	17409	2777	20186	50.02
12	5923	326	265	6514	175	4180	0	930	6733	6835	-1308	17326	0	17326	2819	20145	49.98
13	5985	326	265	6576	231	3973	0	933	6620	6774	-1270	17217	0	17217	2772	19989	49.92
14	6066	339	264	6669	200	3956	0	902	6524	6504	-1307	16924	0	16924	2617	19541	49.96
15	6094	404	265	6763	249	4095	0	732	6325	6904	-1451	17292	0	17292	2632	19924	49.98
16	6242	448	266	6956	410	4547	0	545	6008	6216	-1424	17250	0	17250	2644	19894	50.04
17	6344	322	265	6931	797	4576	0	361	5902	6137	-1374	17428	0	17428	2630	20058	49.99
18	6397	305	265	6967	810	4660	0	167	5539	5899	-1313	17190	0	17190	2582	19772	50.01
19	6603	378	267	7248	960	4790	0	17	5534	5522	-224	18312	0	18312	1521	19834	50.01
20	6801	553	276	7630	1225	4900	0	0	5575	5329	-1208	17876	0	17876	2535	20410	49.93
21	6657	380	267	7304	998	4893	0	0	5068	5014	-1125	17084	0	17084	2437	19521	50.00
22	6739	307	288	7334	811	4917	0	0	4453	4771	-1216	16617	0	16617	2339	18956	50.03
23	6829	299	267	7395	689	4882	0	0	4297	4495	-1210	16251	0	16251	2243	18494	50.03
24	6385	296	278	6959	583	4774	0	0	4497	4356	-1182	15490	0	15490	2162	17652	50.03
MUs	146.77	8.40	6.53	161.70	10.21	108.53	0.00	7.08	135.19	138.73	-27.31	398.93	0.00	398.93	53.20	452.13	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 23/Aug/2021

Position as on 6.30 Hrs of 24/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.	
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	23/08/2021	08.50	Main Steam temp high.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 23/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 24/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	23/08/2021	08.39	23/08/2021	18.25	EO	Attending Hot Spot
Khadka-Aurangabad (Waluj)	IntraState	19/08/2021	18.16	23/08/2021	09.36	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
Khadka-Aurangabad (Waluj)	IntraState	23/08/2021	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)
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
OSMANABAD BARSHI	IntraState	23/08/2021	09.31	23/08/2021	11.59	PO	Tan delta testing of CT & CRM of CB.
Talandge(400kv)- Ichalkaranji ckt-2	IntraState	23/08/2021	09.37	23/08/2021	16.02	PO	CB CRM, timing and CT C and Tan delta testing.
Uran - Kharghar I	IntraState	23/08/2021	10.02	23/08/2021	18.05	EO	Attending Hot Spot on R-ph CT
Trombay-Salsette II	IntraState	23/08/2021	10.20	23/08/2021	17.22	PO	For checking synchronising scheme.
Boisar II - Boisar PG I	IntraState	23/08/2021	11.22	23/08/2021	11.56	T	Due to 220kv boisar-Ghodbunder line B-phase breaker pole stack up
Boisar-Viraj	IntraState	23/08/2021	11.22	23/08/2021	11.40	T	Due to 220kv boisar-Ghodbunder line B-phase breaker pole stack up
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Cgl Ict 1 @Boisar-Ii	IntraState	23/08/2021	11.22	23/08/2021	11.49	T	Due to 220kv boisar-Ghodbunder line B-phase breaker pole stack up
220/33kv 100 MVA ICT-II @ Boisar	IntraState	23/08/2021	11.22	23/08/2021	11.54	T	Due to 220kv boisar-Ghodbunder line B-phase breaker pole stack up
220/132 KV 150MVA ICT I @ Boisar	IntraState	23/08/2021	11.22	23/08/2021	11.51	T	Due to 220kv boisar-Ghodbunder line B-phase breaker pole stack up

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