

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Aug/2021 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	165.324	1204.893	1) Gujrat	-7.626	-78.964
2) Hydro	10.121	110.395	2) Madhya Pradesh	5.485	55.421
3) Gas	3.276	47.560	3) Chattisgarh	3.250	42.370
Total MSPGCL	178.721	1362.848	4) Maharashtra	167.981	1457.570
B) 1) APLM	67.233	594.651	5) Goa (Amona)	-0.930	-13.260
2) JSWEL	21.077	207.772	Total	168.160	1463.137
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.618	238.314
4) RPL(AMT)	25.569	239.898	b) Mumbai Drawl	27.425	257.420
5) SWPGPL	6.372	47.188	c) MSEDCL Bilateral *	52.212	409.108
6) Other IPP	6.931	62.952	Include PX	20.477	110.395
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.618	238.314
C) 1) TPCL Thermal	13.518	131.950	Include PX	9.408	112.584
2) TPCL Hydro	6.472	49.858	Standby	0.000	0.000
3) TPCL Gas	0.000	12.476	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.785	100.925	1) MSEDCL	473.284	4197.581
D) STATE			2) Mumbai Discoms	58.200	552.629
1) Thermal	316.809	2590.229	TOTAL STATE	531.484	4750.210
(A1+C1+C4+(B1-B6))					
2) Hydro	16.593	160.253			
(A2+C2)					
3) Gas	3.276	60.036			
(A3+B7+C3)					
4) Wind	19.628	419.056			
6) SOLAR	7.018	57.499			
TOTAL STATE	363.324	3287.073			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	7078	6691	7119	6797
MSPGCL Hydro	371	441	881	413
MSPGCL Gas	149	136	137	149
MSPGCL Total Generation	7598	7268	8137	7359
Central Sector Receipt	8446	8237	5548	5985
WIND	638	1203	1069	663
CPP / IPP Thermal	5299	5367	5430	5138
CPP / IPP Gas	0	0	0	0
SOLAR	929	588	0	0
Exchange with Mumbai	-1389	-1408	-978	-827
MSEDCL DEMAND MET	21521	21255	19206	18318
Load Shedding	0	0	0	0
MSEDCL DEMAND	21521	21255	19206	18318
TPCL GENERATION	1017	915	1122	516
AEML GENERATION	501	496	502	502
MUMBAI DEMAND	2907	2819	2602	1845
STATE DEMAND MET	24428	24074	21808	20163
STATE DEMAND	24428	24074	21808	20163
Frequency (Hz)	50.01	50.03	50.02	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 15:34 Hrs	49.83 Hz at 06:22 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 10/Aug/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.34	11.40	155	120
Unit 7	0.00	0.00	0	0
Unit 8	14.57	78.75	641	531
Unit 9	13.11	104.54	570	530
Unit 10	12.76	75.57	552	500
Total	43.78	270.26		
Bhusawal				
Unit 3	3.38	9.40	180	120
Unit 4	10.00	98.52	445	375
Unit 5	10.34	96.75	470	390
Total	23.73	204.67		
Parli				
Unit 6	5.06	14.49	234	173
Unit 7	5.24	16.22	242	190
Unit 8	4.82	27.39	212	191
Total	15.11	58.11		
Chandrapur				
Unit 3	3.40	32.63	146	138
Unit 4	3.94	35.64	175	143
Unit 5	8.96	80.89	380	360
Unit 6	8.04	78.21	400	205
Unit 7	8.67	57.86	375	340
Unit 8	10.38	101.19	465	412
Unit 9	0.00	0.00	0	0
Total	43.40	386.43		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.44	45.88	242	155
Total	5.44	45.88		
Khaparkheda				
Unit 1	3.50	18.40	160	120
Unit 2	3.84	23.06	170	135
Unit 3	4.04	26.56	212	0
Unit 4	4.30	26.94	200	140
Unit 5	11.40	102.04	500	450
Total	27.08	196.99		
Nasik				
Unit 3	3.34	7.55	178	120
Unit 4	3.44	9.28	175	125
Unit 5	0.00	25.72	0	0
Total	6.78	42.56		
Uran				
All Units	3.28	47.56	149	110
Total	3.28	47.56		
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)	0.53	3.56	25	0
Total	0.53	3.56		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.84	20.67	375	40
Stage 4	0.00	0.00	0	0
Stage 3	0.71	8.59	80	0
Total	2.55	29.26		
Hydro				
KDPH	0.86	8.29	36	36
VTRNA	0.00	0.00	0	0
TILLARI	0.23	5.15	58	0
BHIRA T.R.	0.44	4.30	40	0
SMLHY_PTN	5.91	59.23	259	235
GHATGHAR	0.12	4.16	113	0
Total	7.57	81.14		
Wind				
Total	19.63	419.06	0	0
Total	19.63	419.06		
CPP				
APML(Mus)	67.23	594.65	0	0
JSWEL(Mus)	21.08	207.77	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.57	239.90	0	0
SWPGPL-Mus	6.37	47.19	0	0
Other(Mus)	6.93	62.95	0	0
Total	127.18	1152.46		
SOLAR				
Total	7.02	57.50	0	0
Total	7.02	57.50		
Tata				
Trombay 5	9.09	87.80	477	279
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	4.43	44.15	223	141
TATA Hydro	6.47	49.86	427	0
Total	19.99	194.28		
AEML				
DTPS U-1&2	10.78	100.92	503	286
Total	10.78	100.92		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	165.32	1204.89	MSPGCL Total	178.72	1362.85
			MSPGCL Thml+Gas	168.60	1252.45	Koyna 1,2 & 4 Total	1.84	20.67
			MSPGCL Hydro	10.12	110.40	State Total	363.32	3287.07

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 10/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	6585	420	138	7143	1018	5178	0	0	5670	5923	-848	18414	0	18414	2206	20620	49.98
2	6631	420	138	7189	853	5167	0	0	5579	5854	-678	18385	0	18385	2065	20450	50.01
3	6674	417	140	7231	730	5157	0	0	5728	5783	-678	18223	0	18223	1950	20173	50.01
4	6797	413	149	7359	663	5138	0	0	5713	5985	-827	18318	0	18318	1845	20163	50.03
5	6937	346	139	7422	523	5178	0	0	6090	6480	-843	18760	0	18760	1820	20580	50.02
6	6994	333	140	7467	378	5191	0	0	6965	7396	-910	19522	0	19522	1874	21396	49.99
7	6991	530	139	7660	340	5156	0	37	7911	8041	-873	20361	0	20361	1964	22325	49.94
8	7005	355	139	7499	390	5161	0	226	8319	8555	-1074	20757	0	20757	2126	22883	50.00
9	7067	366	140	7573	462	5167	0	545	8112	8183	-1274	20656	0	20656	2408	23064	50.02
10	7030	365	139	7534	590	5315	0	834	8003	7927	-1377	20823	0	20823	2708	23531	50.03
11	7078	371	149	7598	638	5299	0	929	8380	8446	-1389	21521	0	21521	2907	24428	50.01
12	6962	371	138	7471	655	5359	0	944	8636	8229	-1415	21243	0	21243	2947	24190	49.99
13	6887	364	137	7388	617	5322	0	823	8589	8412	-1555	21007	0	21007	2895	23902	50.00
14	6936	389	136	7461	873	5312	0	778	8070	8213	-1541	21096	0	21096	2769	23865	49.97
15	6851	497	135	7483	1094	5303	0	737	7999	8151	-1672	21096	0	21096	2792	23888	49.97
16	6691	441	136	7268	1203	5367	0	588	8106	8237	-1408	21255	0	21255	2819	24074	50.03
17	6775	387	136	7298	1099	5406	0	375	7750	7582	-1380	20380	0	20380	2784	23164	50.02
18	6882	426	137	7445	1067	5368	0	178	6813	6936	-1373	19621	0	19621	2699	22320	49.99
19	7006	424	137	7567	965	5428	0	24	5825	6118	-1174	18928	0	18928	2601	21529	50.02
20	7119	881	137	8137	1069	5430	0	0	5435	5548	-978	19206	0	19206	2602	21808	50.02
21	7050	471	139	7660	1093	5475	0	0	5406	5546	-914	18860	0	18860	2469	21329	50.00
22	6817	401	138	7356	1022	5453	0	0	5356	5716	-984	18563	0	18563	2353	20916	50.02
23	6762	377	110	7249	1066	5444	0	0	5265	5594	-1099	18254	0	18254	2308	20562	49.99
24	6797	356	110	7263	1220	5408	0	0	5268	5305	-1161	18035	0	18035	2289	20324	50.02
MUs	165.32	10.12	3.28	178.72	19.63	127.18	0.00	7.02	164.99	168.16	-27.42	473.28	0.00	473.28	58.20	531.48	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 10/Aug/2021

Position as on 6.30 Hrs of 11/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	Chandrapur Unit 9	500	15/07/2021	02.00		Continued.	Annual Overhaul	
MSPGCL	Paras Unit 3	250	20/07/2021	00.35		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)	
MSPGCL	Uran Unit 6	108	29/06/2021	22.18		Continued.	Gas shortage	
IPP	JSW (J) U4	300	16/07/2021	17.44		Continued.	Air Preheater problem.	
IPP	SWPGPL U-4	135	05/08/2021	03.04		Continued.	Turbine Vibration High.	
MSPGCL	Uran Unit 5	108	05/08/2021	20.02		Continued.	Gas shortage	
MSPGCL	Uran Unit A0	120	05/08/2021	20.02		Continued.	Gas shortage	
MSPGCL	Koyana Unit 6	80	05/08/2021	21.25		Continued.	Differential protection	
TPC-G	Trombay 7B	60	05/08/2021	22.19		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	05/08/2021	22.39		Continued.	Gas shortage	
MSPGCL	Nasik Unit 5	210	07/08/2021	20.45		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 3	210	10/08/2021	14.28	10/08/2021	16.51	Flame Failure	
IPP	Adani U-5	660	11/08/2021	03.46		Continued.	Main Steam Line Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 11/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
Khadka-Aurangabad (Waluj)	IntraState	09/08/2021	20.12	10/08/2021	06.47	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.
400/220kv 315 Mva ICT II @Karad	IntraState	10/08/2021	09.23	10/08/2021	18.11	PO	For REF retrofitting & Relay testing work
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	10/08/2021	09.55	10/08/2021	17.40	PO	R-phase LV bushing jumper replacement work.
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)
Balapur-Akola I	IntraState	22/07/2021	07.48	10/08/2021	19.20	T	Distance Protection(tower collapse At LOC. No.15.)
Balapur-Akola li	IntraState	22/07/2021	07.48	10/08/2021	19.39	T	Distance Protection(tower collapse At LOC. No.15.)
Mahad - Pedambe	IntraState	22/07/2021	19.35		Continued.	T	Distance Protection
Kandalgaon - Pirangut	IntraState	22/07/2021	19.37		Continued.	T	Distance Protection
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
Miraj - ICHALKARANJI - II (TILWANI)	IntraState	28/07/2021	08.19		Continued.	T	Tower collapsed at loc no.27.
Wadkhal(GIS)-JSW(GIS) II	IntraState	04/08/2021	09.26		Continued.	PO	Outage required for replacement of existing 1200/1A GIS Metering CTs with New 1600/1A GIS CTs.(CB Opened At JSW End On 02/04/2021 At 10:18).
Pohali-Nerle	IntraState	09/08/2021	19.27	10/08/2021	16.15	T	Distance Protection
Lonand-Baramati	IntraState	10/08/2021	05.40		Continued.	HT	Load management 220kv lonand jejuri
Kolshet-Roma	IntraState	10/08/2021	10.05	10/08/2021	10.53	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132kv 100MVA ICT II @Satara Midc	IntraState	10/08/2021	11.19	10/08/2021	16.15	PO	Quarterly Maintenance Work

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