

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	142.606	3881.461	1) Gujrat	-4.488	-224.015
2) Hydro	12.289	655.070	2) Madhya Pradesh	7.904	291.591
3) Gas	5.916	157.404	3) Chattisgarh	6.530	168.800
Total MSPGCL	160.811	4693.935	4) Maharashtra	152.721	4589.004
B) 1) APML	58.484	1806.231	5) Goa (Amona)	-0.944	-35.425
2) JSWEL	14.234	524.671	Total	161.723	4789.955
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.608	838.068
4) RPL(AMT)	16.814	511.737	b) Mumbai Drawl	23.919	865.186
5) SWPGPL	5.428	168.432	c) MSEDCL Bilateral *	44.037	1255.571
6) Other IPP	19.953	262.862	Include PX	8.474	253.005
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.608	837.953
C) 1) TPCL Thermal	12.852	452.252	Include PX	8.725	141.716
2) TPCL Hydro	1.319	129.650	Standby	0.000	0.114
3) TPCL Gas	3.592	105.884	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.452	318.897	1) MSEDCL	431.891	12392.142
D) STATE			2) Mumbai Discoms	52.136	1871.876
1) Thermal	280.823	7926.543	TOTAL STATE	484.027	14264.018
(A1+C1+C4+(B1-B6))					
2) Hydro	13.608	784.720			
(A2+C2)					
3) Gas	9.508	263.288			
(A3+B7+C3)					
4) Wind	10.458	265.831			
6) SOLAR	7.905	233.674			
TOTAL STATE	322.302	9474.056			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	6472	6256	6124	5035
MSPGCL Hydro	483	510	813	277
MSPGCL Gas	228	237	318	203
MSPGCL Total Generation	7183	7003	7255	5515
Central Sector Receipt	7572	7642	7078	6463
WIND	188	132	176	275
CPP / IPP Thermal	5119	5005	5068	4383
CPP / IPP Gas	0	0	0	0
SOLAR	1202	1208	0	0
Exchange with Mumbai	-1174	-1289	-1198	-1253
MSEDCL DEMAND MET	20090	19701	18379	15383
Load Shedding	0	0	0	0
MSEDCL DEMAND	20090	19701	18379	15383
TPCL GENERATION	649	612	746	624
AEML GENERATION	501	438	440	387
MUMBAI DEMAND	2324	2339	2384	2264
STATE DEMAND MET	22414	22040	20763	17647
STATE DEMAND	22414	22040	20763	17647
Frequency (Hz)	49.92	49.93	50.00	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 21:59 Hrs	49.77 Hz at 12:07 Hrs	49.97	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/Oct/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.38	89.44	175	125
Unit 7	0.00	0.00	0	0
Unit 8	15.00	372.63	641	593
Unit 9	13.88	296.57	606	540
Unit 10	13.36	283.65	583	520
Total	45.62	1042.29		
Bhusawal				
Unit 3	2.06	2.06	145	0
Unit 4	9.70	259.49	440	280
Unit 5	9.36	203.46	430	280
Total	21.12	465.02		
Parli				
Unit 6	4.19	40.74	210	143
Unit 7	4.07	133.61	216	151
Unit 8	4.06	128.34	201	156
Total	12.32	302.68		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.28	78.01	155	120
Unit 5	8.37	192.24	410	300
Unit 6	0.00	98.28	0	0
Unit 7	8.38	238.42	408	290
Unit 8	9.57	283.90	420	320
Unit 9	10.22	282.22	449	350
Total	39.83	1173.09		
Paras				
Unit 3	0.00	101.07	0	0
Unit 4	2.22	73.14	206	0
Total	2.22	174.20		
Khaparkheda				
Unit 1	2.90	51.74	135	110
Unit 2	3.36	97.86	175	120
Unit 3	3.53	107.27	190	125
Unit 4	3.08	108.34	187	92
Unit 5	5.36	249.85	480	0
Total	18.22	615.07		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.27	109.11	190	117
Unit 5	0.00	0.00	0	0
Total	3.27	109.11		
Uran				
All Units	5.92	157.40	332	192
Total	5.92	157.40		
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)	0.58	16.26	25	23
Total	0.58	16.26		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.40	142.24	480	40
Stage 4	1.28	233.86	245	0
Stage 3	1.17	81.32	240	0
Total	5.85	457.42		
Hydro				
KDPH	0.43	4.54	18	18
VTRNA	0.00	4.15	0	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.24	8.89	80	0
SMLHY_PTN	5.38	165.40	239	209
GHATGHAR	0.39	14.66	209	0
Total	6.44	197.65		
Wind				
Total	10.46	265.83	0	0
Total	10.46	265.83		
CPP				
APML(Mus)	58.48	1806.23	0	0
JSWEL(Mus)	14.23	524.67	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	16.81	511.74	0	0
SWPGPL-Mus	5.43	168.43	0	0
Other(Mus)	19.95	262.86	0	0
Total	114.91	3273.93		
SOLAR				
Total	7.90	233.67	0	0
Total	7.90	233.67		
Tata				
Trombay 5	8.22	299.80	477	268
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.31	64.18	114	0
Trombay 7B	1.28	41.70	67	0
Trombay 8	4.63	152.45	223	156
TATA Hydro	1.32	129.65	254	0
Total	17.76	687.79		
AEML				
DTPS U-1&2	10.45	318.90	502	350
Total	10.45	318.90		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	142.61	3881.46	MSPGCL Total	160.81	4693.94
			MSPGCL Thml+Gas	148.52	4038.86	Koyna 1,2 & 4 Total	4.68	376.10
			MSPGCL Hydro	12.29	655.07	State Total	322.30	9474.06

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 31/Oct/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	5644	285	245	6174	946	4379	0	0	6217	6066	-1125	16440	0	16440	2187	18627	49.94
2	5581	490	245	6316	938	4328	0	0	6174	5847	-963	16466	0	16466	2051	18517	49.97
3	5794	342	256	6392	983	4373	0	0	6129	5535	-618	16665	0	16665	1942	18607	49.94
4	5686	306	245	6237	917	4335	0	0	5974	5564	-627	16426	0	16426	1861	18287	49.93
5	5918	420	256	6594	878	4533	0	0	5952	5853	-607	17251	0	17251	1823	19074	49.95
6	6403	411	246	7060	777	4960	0	0	6151	5902	-714	17985	0	17985	1854	19839	49.95
7	6604	356	257	7217	691	5132	0	17	6620	5922	-594	18385	0	18385	1868	20253	50.00
8	6317	309	237	6863	602	4867	0	225	6991	6556	-529	18584	0	18584	1913	20497	49.98
9	6295	333	244	6872	478	4834	0	525	6733	6743	-627	18825	0	18825	2018	20843	49.96
10	6114	522	242	6878	399	4672	0	843	7185	7151	-765	19178	0	19178	2158	21336	49.97
11	6196	687	239	7122	393	4684	0	1030	7837	7765	-890	20104	0	20104	2283	22387	49.98
12	6472	483	228	7183	188	5119	0	1202	7509	7572	-1174	20090	0	20090	2324	22414	49.92
13	6256	510	237	7003	132	5005	0	1208	7652	7642	-1289	19701	0	19701	2339	22040	49.93
14	5992	637	226	6855	76	5063	0	1086	7609	7595	-1267	19408	0	19408	2308	21716	49.97
15	5851	1124	225	7200	66	5029	0	822	7826	7838	-1257	19698	0	19698	2297	21995	49.97
16	6009	887	237	7133	85	5033	0	609	8233	8028	-1243	19645	0	19645	2299	21944	49.94
17	5982	585	237	6804	96	5020	0	286	7963	7489	-1103	18592	0	18592	2272	20864	49.99
18	6030	709	235	6974	150	5062	0	52	7068	7066	-1179	18125	0	18125	2256	20381	50.00
19	6124	813	318	7255	176	5068	0	0	7216	7078	-1198	18379	0	18379	2384	20763	50.00
20	5978	669	332	6979	234	4988	0	0	7161	6798	-1211	17788	0	17788	2411	20199	49.99
21	5704	298	332	6334	324	4962	0	0	6540	6366	-1276	16710	0	16710	2382	19092	50.00
22	5377	486	202	6065	325	4589	0	0	6242	6536	-1225	16290	0	16290	2348	18638	50.01
23	5244	350	192	5786	329	4495	0	0	6368	6348	-1185	15773	0	15773	2292	18065	50.00
24	5035	277	203	5515	275	4383	0	0	6698	6463	-1253	15383	0	15383	2264	17647	50.02
MUs	142.61	12.29	5.92	160.81	10.46	114.91	0.00	7.90	166.05	161.72	-23.92	431.89	0.00	431.89	52.13	484.03	49.97

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/Oct/2021

Position as on 6.30 Hrs of 01/Nov/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Chandrapur Unit 3	210	04/09/2021	23.58		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 6	500	17/10/2021	18.40		Continued.	Boiler Tripped On Total Air Flow less than 30%. (Converted to AOH 00:00 hrs 18.10.2021)	
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule. (NO PPA)	
PGPL	PGPL U1	262	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	Nasik Unit 3	210	30/08/2021	22.51		Continued.	Against case 4. which was outage on Loss of Fuel (From 19.44Hrs DT. 26-08-2021)	
IPP	JSW (J) U1	300	02/09/2021	08.41		Continued.	Turbine vibrations high.	
MSPGCL	Uran Unit A0	120	10/09/2021	01.54		Continued.	Turbine bearing Vibration high	
MSPGCL	Bhusawal Unit 3	210	18/09/2021	03.30	31/10/2021	04.40	Coal Shortage	
MSPGCL	Nasik Unit 5	210	19/09/2021	20.50	01/11/2021	02.06	Coal Shortage.	
IPP	RPL(AMT) U-2	270	29/09/2021	01.15		Continued.	Coal Shortage	
IPP	RPL(AMT) U-1	270	05/10/2021	22.15		Continued.	Coal Shortage	
MSPGCL	Uran Unit 5	108	14/10/2021	22.04	31/10/2021	17.40	Gas shortage	
IPP	JSW (J) U4	300	22/10/2021	21.45		Continued.	Due to no schedule.	
MSPGCL	Paras Unit 3	250	27/10/2021	19.05		Continued.	Air heater problem	
IPP	SWPGPL U-4	135	28/10/2021	20.18		Continued.	Bearing vibration high	
MSPGCL	Khaparkheda Unit 5	500	31/10/2021	13.37		Continued.	Boiler Tube Leakage	
MSPGCL	Paras Unit 4	250	31/10/2021	13.45		Continued.	Boiler Tube Leakage	
TPC-G	Trombay 7A	120	31/10/2021	17.19	31/10/2021	20.22	Tripping Of Control Oil Pump.	
TPC-G	Trombay 7B	60	31/10/2021	17.19	31/10/2021	21.41	Tripping Of Control Oil Pump.	
MSPGCL	Uran Unit 8	108	31/10/2021	21.07	31/10/2021	23.46	Gas Skid Fault.	
MSPGCL	Uran Unit B0	120	31/10/2021	21.07	01/11/2021	03.16	Gas Skid Fault.	
IPP	SWPGPL U-2	135	31/10/2021	23.47		Continued.	ID Fan Vibration High.	

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

Statement-VII

Position as on 6.30 Hrs of 01/Nov/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe HvdC Pole 2	IntraState	31/10/2021	00.48	31/10/2021	05.28	T	Tripped on reduce voltage mode.
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	11/10/2021	12.33		Continued.	PO	Height raising/shifting work of S/C 400kV Waluj- Bhusawal line for Samruddhi Mahamarg. ie. 1) Dismantling of loc no. 125 (D+6). 126 (D+6).
Kharghar-Talegaon(PG)	IntraState	31/10/2021	06.38	31/10/2021	10.20	EO	Emergency Outage for removing of traction machine which is been stuck on old rusted Earth wire between loc. no. 103-104 in hilly section of Mathran.
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)
Padegaon-Sawangi	IntraState	29/10/2021	08.23		Continued.	PO	Height raising at 1st crossing form LOC no.38 to LOC no41 & 2nd crossing form LOC no.22 to 23 for samruddhi mahamarg crossing (ORC) packing NME.
karad - Dasgaon	IntraState	31/10/2021	09.29	31/10/2021	15.17	PO	220kV line bay maintenance and SF6 breaker bottom pad hardware replacement.
Mahad-Kandalgaon	IntraState	31/10/2021	11.50	31/10/2021	17.45	PO	Replacement of Damaged nut & bolts of Jumper at Loc.No.10 & 16 and etc. Line maintenance work.
Nalasopara-Boisar	IntraState	31/10/2021	12.10	31/10/2021	20.55	PO	PID Faulty Insulator String Replacement.
Khaparkheda-Kalmeshwar	IntraState	31/10/2021	12.13	31/10/2021	12.56	T	Shifting To Main Bus 1 Ckt.
220 KV ICT Outages/Trippings							
Dharavi : 220 / 105 / 23 250 MVA ICT 7	IntraState	31/10/2021	09.19	31/10/2021	14.47	PO	For Guard wire Removal(GIS Project Work).
220/100 Kv 200 MVA ICT II @Kolshet	IntraState	31/10/2021	14.30	31/10/2021	20.50	T	Differential protection
Dharavi : 220 / 110 / 33 250 MVA ICT 9	IntraState	31/10/2021	15.21	31/10/2021	17.54	PO	For Disconnection Of TBS GOD (GIS Project Work).
Dharavi : 220 / 110 / 33 250 MVA ICT 8	IntraState	31/10/2021	18.30	31/10/2021	19.49	PO	For Disconnection of TBS GOD Connection (GIS Project Work).

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