

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Oct/2021 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.090	2910.545	1) Gujrat	-4.721	-199.044
2) Hydro	8.526	576.434	2) Madhya Pradesh	13.711	210.385
3) Gas	5.463	119.947	3) Chattisgarh	6.860	121.930
Total MSPGCL	147.079	3606.926	4) Maharashtra	157.499	3519.460
B) 1) APML	60.855	1377.371	5) Goa (Amona)	-0.684	-25.968
2) JSWEL	13.891	427.441	Total	172.665	3626.763
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.092	634.264
4) RPL(AMT)	19.199	385.282	b) Mumbai Drawl	28.212	657.139
5) SWPGPL	5.704	128.768	c) MSEDCL Bilateral *	47.270	956.949
6) Other IPP	9.549	150.442	Include PX	13.035	197.982
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.092	634.150
C) 1) TPCL Thermal	11.914	367.401	Include PX	7.230	92.490
2) TPCL Hydro	0.577	102.384	Standby	0.000	0.114
3) TPCL Gas	4.005	79.797	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.388	251.712	1) MSEDCL	414.919	9390.501
D) STATE			2) Mumbai Discoms	54.096	1458.435
1) Thermal	263.590	5998.962	TOTAL STATE	469.015	10848.936
(A1+C1+C4+(B1-B6))					
2) Hydro	9.103	678.818			
(A2+C2)					
3) Gas	9.468	199.744			
(A3+B7+C3)					
4) Wind	5.816	166.804			
6) SOLAR	8.373	177.843			
TOTAL STATE	296.350	7222.171			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	5716	5652	5586	5229
MSPGCL Hydro	315	379	666	231
MSPGCL Gas	240	248	222	235
MSPGCL Total Generation	6271	6279	6474	5695
Central Sector Receipt	8064	7726	7103	6302
WIND	127	74	429	374
CPP / IPP Thermal	4415	4411	4750	4474
CPP / IPP Gas	0	0	0	0
SOLAR	1115	1108	0	0
Exchange with Mumbai	-1121	-1118	-1227	-1358
MSEDCL DEMAND MET	18871	18480	17529	15487
Load Shedding	0	0	0	0
MSEDCL DEMAND	18871	18480	17529	15487
TPCL GENERATION	758	813	783	643
AEML GENERATION	499	501	437	323
MUMBAI DEMAND	2378	2432	2447	2324
STATE DEMAND MET	21249	20912	19976	17811
STATE DEMAND	21249	20912	19976	17811
Frequency (Hz)	49.95	49.96	50.05	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 0601 Hrs	49.83 Hz at 0137 Hrs	49.99	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 24/Oct/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.64	65.10	120	0
Unit 7	0.00	0.00	0	0
Unit 8	11.31	279.70	505	413
Unit 9	11.77	207.68	537	433
Unit 10	12.24	192.72	542	450
Total	35.95	745.21		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	7.82	199.53	355	280
Unit 5	7.81	144.16	360	280
Total	15.62	343.70		
Parli				
Unit 6	4.90	11.42	216	196
Unit 7	4.10	104.21	209	155
Unit 8	4.20	99.60	205	153
Total	13.19	215.22		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.40	60.19	155	129
Unit 5	8.03	130.96	375	300
Unit 6	0.00	98.28	0	0
Unit 7	9.04	182.95	410	310
Unit 8	10.09	216.27	440	390
Unit 9	9.86	212.77	433	386
Total	40.42	901.41		
Paras				
Unit 3	2.84	100.55	211	0
Unit 4	3.97	45.76	208	144
Total	6.82	146.31		
Khaparkheda				
Unit 1	0.00	44.83	0	0
Unit 2	3.09	74.22	145	115
Unit 3	3.36	82.48	160	120
Unit 4	3.41	84.06	163	126
Unit 5	8.16	186.39	380	280
Total	18.03	471.98		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.06	86.72	174	118
Unit 5	0.00	0.00	0	0
Total	3.06	86.72		
Uran				
All Units	5.46	119.95	256	203
Total	5.46	119.95		
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)	0.57	12.31	24	21
Total	0.57	12.31		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.87	121.12	265	40
Stage 4	0.35	223.70	123	0
Stage 3	0.37	74.11	80	0
Total	2.59	418.92		
Hydro				
KDPH	0.43	1.51	18	18
VTRNA	0.00	4.15	0	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.24	7.47	40	0
SMLHY_PTN	5.14	131.57	228	168
GHATGHAR	0.13	12.80	103	0
Total	5.94	157.51		
Wind				
Total	5.82	166.80	0	0
Total	5.82	166.80		
CPP				
APML(Mus)	60.86	1377.37	0	0
JSWEL(Mus)	13.89	427.44	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	19.20	385.28	0	0
SWPGPL-Mus	5.70	128.77	0	0
Other(Mus)	9.55	150.44	0	0
Total	109.20	2469.30		
SOLAR				
Total	8.37	177.84	0	0
Total	8.37	177.84		
Tata				
Trombay 5	7.54	246.32	429	272
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.50	48.07	114	79
Trombay 7B	1.51	31.73	66	55
Trombay 8	4.37	121.08	219	152
TATA Hydro	0.58	102.38	120	0
Total	16.50	549.58		
AEML				
DTPS U-1&2	9.39	251.71	501	310
Total	9.39	251.71		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	133.09	2910.54	MSPGCL Total	147.08	3606.93
			MSPGCL Thml+Gas	138.55	3030.49	Koyna 1,2 & 4 Total	2.22	344.82
			MSPGCL Hydro	8.53	576.43	State Total	296.35	7222.17

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/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	5350	290	203	5843	242	4631	0	0	6538	6515	-1336	15895	0	15895	2363	18258	49.94
2	5322	480	203	6005	269	4317	0	0	6631	6775	-1226	16140	0	16140	2217	18357	49.92
3	5491	309	205	6005	248	4605	0	0	6519	6177	-1101	15934	0	15934	2062	17996	49.98
4	5551	295	215	6061	274	4704	0	0	6445	6185	-1015	16209	0	16209	1964	18173	49.95
5	5551	291	205	6047	259	4732	0	0	6675	6795	-1002	16831	0	16831	1940	18771	50.00
6	5558	532	207	6297	277	4762	0	0	7160	7411	-1009	17738	0	17738	1963	19701	50.03
7	5795	419	206	6420	266	4784	0	27	7611	7360	-863	17994	0	17994	1954	19948	50.03
8	5660	294	256	6210	201	4486	0	287	8106	7769	-944	18009	0	18009	1991	20000	49.97
9	5685	283	233	6201	118	4572	0	601	7388	7450	-1036	17906	0	17906	2100	20006	50.01
10	5545	275	242	6062	108	4267	0	962	7595	7728	-1102	18025	0	18025	2236	20261	49.99
11	5716	315	240	6271	127	4415	0	1115	7847	8064	-1121	18871	0	18871	2378	21249	49.95
12	5656	311	229	6196	80	4497	0	1207	7914	7792	-1111	18661	0	18661	2438	21099	49.97
13	5652	379	248	6279	74	4411	0	1108	7676	7726	-1118	18480	0	18480	2432	20912	49.96
14	5645	346	227	6218	104	4314	0	1041	7450	7587	-1215	18049	0	18049	2380	20429	49.99
15	5736	349	228	6313	156	4710	0	889	7323	7640	-1206	18502	0	18502	2365	20867	50.02
16	5644	282	228	6154	217	4658	0	684	8099	7997	-1272	18438	0	18438	2347	20785	50.00
17	5628	269	238	6135	258	4680	0	365	8018	7445	-1310	17573	0	17573	2315	19888	49.99
18	5686	315	231	6232	352	4573	0	85	7354	7126	-1233	17135	0	17135	2307	19442	50.01
19	5632	418	241	6291	423	4747	0	2	6963	7252	-1199	17516	0	17516	2407	19923	50.08
20	5586	666	222	6474	429	4750	0	0	6988	7103	-1227	17529	0	17529	2447	19976	50.05
21	5381	431	233	6045	341	4646	0	0	6713	6859	-1397	16494	0	16494	2431	18925	50.03
22	5185	291	254	5730	301	4294	0	0	6774	6695	-1454	15566	0	15566	2406	17972	49.98
23	5206	455	234	5895	318	4169	0	0	6660	6912	-1357	15937	0	15937	2329	18266	49.98
24	5229	231	235	5695	374	4474	0	0	6599	6302	-1358	15487	0	15487	2324	17811	50.00
MUs	133.09	8.53	5.46	147.08	5.82	109.20	0.00	8.37	173.05	172.66	-28.21	414.92	0.00	414.92	54.10	469.01	49.99

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 24/Oct/2021

Position as on 6.30 Hrs of 25/Oct/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 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 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 Vabration high	
MSPGCL	Bhusawal Unit 3	210	18/09/2021	03.30		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 5	210	19/09/2021	20.50		Continued.	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		Continued.	Gas shortage	
MSPGCL	Khaparkheda Unit 1	210	17/10/2021	14.14		Continued.	Poor Coal Receipt.	
MSPGCL	Koradi Unit 6	210	22/10/2021	17.21	24/10/2021	16.43	Reheater tube leakage.	
IPP	JSW (J) U4	300	22/10/2021	21.45		Continued.	Due to no schedule.	
MSPGCL	Paras Unit 3	250	24/10/2021	17.45		Continued.	Air Heater Problem.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 24/Oct/2021

Statement-VII

Position as on 6.30 Hrs of 25/Oct/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	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).
Padghe - Kalwa-II	IntraState	24/10/2021	07.50	24/10/2021	16.46	PO	Tightening of the conductor.
400 KV ICT Outages/Trippings							
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	23/10/2021	18.06	24/10/2021	06.03	HT	LV CT replacement of R,Y,B due to high Tan D of Y ph.
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)
Boisar Tarapur	InterState	20/10/2021	09.14		Continued.	PO	Line Maintenance work
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	16/10/2021	13.34		Continued.	EO	CB Compressor Overhauling Work.
Trombay - Kalwa	IntraState	23/10/2021	20.23	24/10/2021	02.14	HT	E/O outage of bus section- 1@trombay to replace jumper of B-ph bus isolator of TATA tie-2.
TROMBAY (M) - TROMBAY (T) CKT -2	IntraState	23/10/2021	20.48	24/10/2021	06.57	HT	E/O outage of bus section- 1@trombay to replace jumper of B-ph bus isolator of TATA tie-2.
Trombay Dharavi 9	IntraState	24/10/2021	04.55	24/10/2021	06.30	HT	Due to TATA bus section-2 outage.
Padghe - Nalasopara	IntraState	24/10/2021	10.12	24/10/2021	16.13	PO	R-PH & B-PH identified LA,IR measurement & Replacement Work.
Trombay MSETCL Tie 1	IntraState	24/10/2021	23.55	25/10/2021	06.18	EO	Replacement of damaged B & C PH Line Side Isolator.
220 KV ICT Outages/Trippings							
220/100kv 200MVA ICT @ Ogalewadi	IntraState	23/10/2021	21.30	24/10/2021	14.50	T	Differential protection
220/132 kv 200 Mva ICT-II @Boisar -II	IntraState	24/10/2021	00.15	24/10/2021	3.54	EO	CB Air pressure Low.

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