

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Oct/2021 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.401	1381.446	1) Gujrat	-13.036	-111.659
2) Hydro	36.255	389.411	2) Madhya Pradesh	4.621	93.502
3) Gas	3.925	55.551	3) Chattisgarh	3.780	55.830
Total MSPGCL	170.581	1826.408	4) Maharashtra	144.628	1709.462
B) 1) APML	56.267	629.937	5) Goa (Amona)	-0.945	-13.276
2) JSWEL	20.468	234.185	Total	139.048	1733.859
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.873	282.616
4) RPL(AMT)	13.018	166.461	b) Mumbai Drawl	27.083	303.921
5) SWPGPL	6.118	59.448	c) MSEDCL Bilateral *	36.110	470.895
6) Other IPP	6.043	64.454	Include PX	4.744	115.902
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.810	282.553
C) 1) TPCL Thermal	15.737	194.975	Include PX	1.758	23.082
2) TPCL Hydro	6.862	62.303	Standby	0.063	0.063
3) TPCL Gas	3.099	33.734	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.477	133.425	1) MSEDCL	394.530	4558.608
D) STATE			2) Mumbai Discoms	63.258	728.360
1) Thermal	258.529	2864.331	TOTAL STATE	457.788	5286.968
(A1+C1+C4+(B1-B6))					
2) Hydro	43.117	451.714			
(A2+C2)					
3) Gas	7.024	89.285			
(A3+B7+C3)					
4) Wind	2.098	64.636			
6) SOLAR	7.972	83.141			
TOTAL STATE	318.740	3553.107			

* 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 17 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5433	5626	5980	5106
MSPGCL Hydro	1349	1480	2167	1559
MSPGCL Gas	138	143	209	143
MSPGCL Total Generation	6920	7249	8356	6808
Central Sector Receipt	6561	6138	6113	4909
WIND	37	157	126	76
CPP / IPP Thermal	4131	4196	4418	4186
CPP / IPP Gas	0	0	0	0
SOLAR	1052	273	0	0
Exchange with Mumbai	-1549	-1433	-1248	-706
MSEDCL DEMAND MET	17152	16580	17765	15273
Load Shedding	0	0	0	0
MSEDCL DEMAND	17152	16580	17765	15273
TPCL GENERATION	1048	1223	1260	895
AEML GENERATION	497	482	502	400
MUMBAI DEMAND	3094	3138	3010	2001
STATE DEMAND MET	20246	19718	20775	17274
STATE DEMAND	20246	19718	20775	17274
Frequency (Hz)	50.02	49.97	50.00	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 13.03 Hrs	49.62 Hz at 18.12 Hrs	49.94	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 12/Oct/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.68	33.73	170	140
Unit 7	0.00	0.00	0	0
Unit 8	11.19	147.08	583	403
Unit 9	8.42	133.58	544	0
Unit 10	11.06	59.88	570	400
Total	34.35	374.26		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.70	103.90	455	355
Unit 5	5.19	48.90	405	0
Total	14.89	152.80		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	4.33	51.53	227	166
Unit 8	4.33	50.71	206	170
Total	8.66	102.24		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.67	17.65	158	145
Unit 5	0.00	40.51	0	0
Unit 6	7.76	66.15	365	255
Unit 7	8.85	86.73	390	350
Unit 8	9.14	100.19	405	349
Unit 9	8.64	99.30	391	330
Total	38.05	410.54		
Paras				
Unit 3	4.37	53.44	212	112
Unit 4	0.00	0.00	0	0
Total	4.37	53.44		
Khaparkheda				
Unit 1	2.96	32.90	140	105
Unit 2	3.58	39.49	170	135
Unit 3	3.98	41.75	175	150
Unit 4	3.82	43.15	170	149
Unit 5	11.45	87.84	500	445
Total	25.78	245.12		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.29	43.05	188	145
Unit 5	0.00	0.00	0	0
Total	4.29	43.05		
Uran				
All Units	3.92	55.55	240	133
Total	3.92	55.55		
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	6.12	26	16
Total	0.58	6.12		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	7.74	78.96	545	40
Stage 4	15.93	169.71	1008	0
Stage 3	5.25	53.40	320	0
Total	28.93	302.07		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.28	3.99	59	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.39	4.52	40	0
SMLHY_PTN	5.69	71.16	246	227
GHATGHAR	0.97	7.67	220	0
Total	7.32	87.34		
Wind				
Total	2.10	64.64	0	0
Total	2.10	64.64		
CPP				
APML(Mus)	56.27	629.94	0	0
JSWEL(Mus)	20.47	234.18	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	13.02	166.46	0	0
SWPGPL-Mus	6.12	59.45	0	0
Other(Mus)	6.04	64.45	0	0
Total	101.91	1154.48		
SOLAR				
Total	7.97	83.14	0	0
Total	7.97	83.14		
Tata				
Trombay 5	10.52	132.13	449	423
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.81	19.64	113	59
Trombay 7B	1.29	14.10	66	48
Trombay 8	5.22	62.84	218	217
TATA Hydro	6.86	62.30	459	52
Total	25.70	291.01		
AEML				
DTPS U-1&2	10.48	133.42	502	339
Total	10.48	133.42		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	130.40	1381.45	MSPGCL Total	170.58	1826.41
			MSPGCL Thml+Gas	134.33	1437.00	Koyna 1,2 & 4 Total	23.68	248.67
			MSPGCL Hydro	36.26	389.41	State Total	318.74	3553.11

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 12/Oct/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	5119	1439	143	6701	100	4188	0	0	5133	5265	-923	15331	0	15331	2279	17610	49.94
2	5153	1600	153	6906	80	4199	0	0	4816	5039	-786	15438	0	15438	2126	17564	49.95
3	5106	1559	143	6808	76	4186	0	0	4761	4909	-706	15273	0	15273	2001	17274	49.95
4	5094	1485	142	6721	85	4186	0	0	4867	5063	-656	15399	0	15399	1911	17310	49.83
5	5035	1846	143	7024	69	4150	0	0	4859	5270	-657	15856	0	15856	1900	17756	49.91
6	5078	2063	142	7283	57	4165	0	0	5149	5628	-684	16449	0	16449	1960	18409	49.85
7	5205	2292	153	7650	46	4100	0	29	6056	6048	-720	17153	0	17153	2031	19184	49.91
8	5262	2312	142	7716	38	4103	0	279	6246	6230	-872	17494	0	17494	2209	19703	50.03
9	5315	1847	140	7302	36	4105	0	620	6122	6133	-1062	17134	0	17134	2520	19654	50.02
10	5354	1580	140	7074	29	4128	0	909	6215	6153	-1333	16960	0	16960	2841	19801	50.00
11	5433	1349	138	6920	37	4131	0	1052	6565	6561	-1549	17152	0	17152	3094	20246	50.02
12	5456	819	136	6411	90	4155	0	1179	6722	6440	-1534	16741	0	16741	3191	19932	49.98
13	5487	362	134	5983	85	4154	0	1116	6732	6411	-1462	16287	0	16287	3153	19440	49.85
14	5463	333	134	5930	75	4160	0	1016	6476	6331	-1541	15971	0	15971	3067	19038	49.97
15	5523	786	133	6442	91	4130	0	874	6408	6174	-1558	16153	0	16153	3164	19317	49.91
16	5558	1079	134	6771	192	4150	0	571	6318	6247	-1539	16392	0	16392	3231	19623	50.00
17	5626	1480	143	7249	157	4196	0	273	6197	6138	-1433	16580	0	16580	3138	19718	49.97
18	5905	1452	196	7553	145	4238	0	54	5978	5869	-1290	16569	0	16569	3053	19622	49.94
19	6110	2004	236	8350	130	4306	0	0	6302	6202	-1269	17719	0	17719	3044	20763	49.87
20	5980	2167	209	8356	126	4418	0	0	6253	6113	-1248	17765	0	17765	3010	20775	50.00
21	5646	1843	190	7679	83	4465	0	0	5762	5407	-1104	16530	0	16530	2813	19343	49.98
22	5526	1769	230	7525	49	4524	0	0	5433	5288	-1025	16361	0	16361	2596	18957	49.95
23	5503	1518	240	7261	93	4638	0	0	5276	5136	-1054	16074	0	16074	2479	18553	49.86
24	5464	1271	231	6966	129	4739	0	0	5264	4993	-1078	15749	0	15749	2447	18196	49.87
MUs	130.40	36.25	3.92	170.58	2.10	101.91	0.00	7.97	139.91	139.05	-27.08	394.53	0.00	394.53	63.26	457.79	49.94

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 12/Oct/2021

Position as on 6.30 Hrs of 13/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	
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	Parli Unit 6	250	26/08/2021	21.06		Continued.	Coal Shortage (Converted to AOH 00.00Hrs from Dt.01/09/2021)	
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-5	270	23/09/2021	00.44		Continued.	Bottom Ash Prob.(conv. to coal shortage 18.00hrs,28.09.2021)	
MSPGCL	Paras Unit 4	250	26/09/2021	07.47		Continued.	Coal Shortage	
IPP	RPL(AMT) U-2	270	29/09/2021	01.15		Continued.	Coal Shortage	
MSPGCL	Uran Unit 5	108	02/10/2021	20.45	12/10/2021	20.23	Gas shortage	
IPP	RPL(AMT) U-1	270	05/10/2021	22.15		Continued.	Coal Shortage	
MSPGCL	Bhusawal Unit 5	500	06/10/2021	21.05	12/10/2021	07.19	Poor coal receipt.	
MSPGCL	Chandrapur Unit 5	500	07/10/2021	21.26		Continued.	Coal Shortage	
IPP	Adani U-3	660	08/10/2021	21.12	12/10/2021	18.48	APH-B hot PA below leakage.	
MSPGCL	Uran Unit 6	108	12/10/2021	19.54		Continued.	Tripped due to Boiler protection Malfunction	
MSPGCL	Koradi Unit 9	660	12/10/2021	20.12		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 12/Oct/2021

Statement-VII

Position as on 6.30 Hrs of 13/Oct/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 1	IntraState	12/10/2021	16.05	13/10/2021	05.40	T	Tie Bay CT Flashover
Chandrapur - Padghe Hvdc Pole 2	IntraState	12/10/2021	16.05	12/10/2021	17.33	T	Tie Bay CT Flashover. Normalised with metallic return at 750MW
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).
Jaigad-New Koyna Ckt-I	IntraState	11/10/2021	22.12	12/10/2021	11.01	EO	Attending Hot Spot (RFC 04.00)
Koradi-RattanIndia	IntraState	12/10/2021	12.17	12/10/2021	21.04	PO	PG&CB Isolator alignment work
Karad - Lonikand 1	IntraState	12/10/2021	14.30		Continued.	HT	To control line loading of 400KV Kalwa-Talegaon PG
400 KV ICT Outages/Trippings							
400/220KV 500MVA ICT-II@Tapitanda	IntraState	12/10/2021	15.08	12/10/2021	19.44	PO	Quarterly Maintenance Work and OLTC Oil Filtration
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)
PARLY (PG) - OLD GCR PARLI	InterState	12/10/2021	06.03	12/10/2021	11.49	HT	For control Overdrawal
Chandrapur MIDC - GEPL Ckt I	IntraState	02/10/2021	18.36		Continued.	HT	Energy bill pending at GEPL end.
Padghe - Nalasopara	IntraState	11/10/2021	22.12	12/10/2021	00.35	EO	Attending Hot Spot
Bhugaon-WardhaPG (Deoli)	IntraState	12/10/2021	05.30	12/10/2021	11.40	HT	CONTROL OD
Kanhan-Umred 1	IntraState	12/10/2021	08.52	12/10/2021	14.41	PO	Line Maintenance work
Koyna (Pophali) - Kdph	IntraState	12/10/2021	09.25	12/10/2021	16.50	PO	Installation of WT & CC
Chandrapur GCR - Warora - I	IntraState	12/10/2021	09.36	12/10/2021	17.21	PO	Routine Maintenance Work
Vita-Hiwarwadi	IntraState	12/10/2021	10.00	12/10/2021	16.03	PO	Testing Work
karad - Dasgaon	IntraState	12/10/2021	10.03	12/10/2021	14.53	PO	Extension of New PT
Talandage(400kv) - Five Star Midc	IntraState	12/10/2021	10.10	12/10/2021	17.50	PO	Testing Work
Lonand Sona Alloys	IntraState	12/10/2021	10.26	12/10/2021	12.29	PO	Civil work
Kandalgaon - Koyna (Pophali)	IntraState	12/10/2021	15.10	12/10/2021	16.07	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Bb Ict 2 @Chikhali	IntraState	09/10/2021	10.20	12/10/2021	15.56	PO	Diagnostic Testing Work.
220/132kv 100 Mva Ict 2 @Peth	IntraState	12/10/2021	09.27	12/10/2021	12.13	PO	Quarterly Maintainance Work
220/132kv 100mva Ict 1 @Peth	IntraState	12/10/2021	09.27	12/10/2021	16.05	PO	Quarterly Maintainance Work
220/100 Kv 200 MVA ICT I @Kolshet	IntraState	12/10/2021	10.54	12/10/2021	18.00	PO	Oil Leakage, Red hot, Testing work
220/132 Kv 100 Mva Vijai Ict 2 @Virur	IntraState	12/10/2021	12.15	12/10/2021	18.00	PO	Tan Delta and Meggering of LA

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