

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Oct/2021 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.959	3044.504	1) Gujrat	-5.510	-204.554
2) Hydro	14.048	590.482	2) Madhya Pradesh	13.307	223.692
3) Gas	5.616	125.563	3) Chattisgarh	7.300	129.230
Total MSPGCL	153.623	3760.549	4) Maharashtra	157.950	3677.410
B) 1) APML	63.631	1441.002	5) Goa (Amona)	-1.305	-27.273
2) JSWEL	13.836	441.277	Total	171.742	3798.505
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.183	665.447
4) RPL(AMT)	19.231	404.513	b) Mumbai Drawl	32.574	689.713
5) SWPGPL	5.813	134.581	c) MSEDCL Bilateral *	39.479	996.429
6) Other IPP	11.669	162.111	Include PX	4.930	202.912
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	31.183	665.332
C) 1) TPCL Thermal	11.301	378.702	Include PX	7.325	99.814
2) TPCL Hydro	4.171	106.555	Standby	0.000	0.114
3) TPCL Gas	3.908	83.705	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.085	260.797	1) MSEDCL	421.859	9812.360
D) STATE			2) Mumbai Discoms	61.039	1519.474
1) Thermal	268.525	6267.487	TOTAL STATE	482.898	11331.834
(A1+C1+C4+(B1-B6))					
2) Hydro	18.219	697.037			
(A2+C2)					
3) Gas	9.524	209.268			
(A3+B7+C3)					
4) Wind	7.609	174.413			
6) SOLAR	7.279	185.122			
TOTAL STATE	311.156	7533.327			

* 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 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5534	5748	6105	5207
MSPGCL Hydro	1163	767	905	312
MSPGCL Gas	230	227	240	246
MSPGCL Total Generation	6927	6742	7250	5765
Central Sector Receipt	8006	8315	6977	6351
WIND	140	108	422	387
CPP / IPP Thermal	4911	4941	5027	4273
CPP / IPP Gas	0	0	0	0
SOLAR	998	648	0	0
Exchange with Mumbai	-1784	-1746	-1225	-1011
MSEDCL DEMAND MET	19198	19008	18451	15765
Load Shedding	0	0	0	0
MSEDCL DEMAND	19198	19008	18451	15765
TPCL GENERATION	845	862	1200	611
AEML GENERATION	423	404	400	359
MUMBAI DEMAND	3052	3012	2825	1981
STATE DEMAND MET	22250	22020	21276	17746
STATE DEMAND	22250	22020	21276	17746
Frequency (Hz)	50.01	49.97	50.04	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 13.04 Hrs	49.77 Hz at 01.34 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 25/Oct/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.98	68.08	180	0
Unit 7	0.00	0.00	0	0
Unit 8	11.99	291.70	560	420
Unit 9	11.22	218.89	550	405
Unit 10	11.83	204.56	565	450
Total	38.01	783.22		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.02	207.54	355	300
Unit 5	8.01	152.18	355	300
Total	16.02	359.72		
Parli				
Unit 6	4.33	15.74	209	148
Unit 7	4.32	108.53	227	162
Unit 8	4.24	103.84	207	160
Total	12.89	228.12		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.19	63.38	145	110
Unit 5	7.92	138.87	370	285
Unit 6	0.00	98.28	0	0
Unit 7	9.14	192.09	418	335
Unit 8	10.22	226.48	445	403
Unit 9	10.31	223.07	458	400
Total	40.77	942.18		
Paras				
Unit 3	0.00	100.55	0	0
Unit 4	4.42	50.18	226	153
Total	4.42	150.73		
Khaparkheda				
Unit 1	0.00	44.83	0	0
Unit 2	3.40	77.63	170	115
Unit 3	3.52	86.00	168	122
Unit 4	3.74	87.80	175	125
Unit 5	7.92	194.31	375	285
Total	18.58	490.57		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.24	89.97	180	116
Unit 5	0.00	0.00	0	0
Total	3.24	89.97		
Uran				
All Units	5.62	125.56	256	194
Total	5.62	125.56		
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)	0.52	12.83	23	20
Total	0.52	12.83		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.72	124.84	460	40
Stage 4	3.21	226.91	441	0
Stage 3	1.92	76.03	160	0
Total	8.86	427.78		
Hydro				
KDPH	0.43	1.94	18	18
VTRNA	0.00	4.15	0	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.08	7.55	77	0
SMLHY_PTN	4.48	136.04	200	159
GHATGHAR	0.20	13.00	125	0
Total	5.19	162.70		
Wind				
Total	7.61	174.41	0	0
Total	7.61	174.41		
CPP				
APML(Mus)	63.63	1441.00	0	0
JSWEL(Mus)	13.84	441.28	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	19.23	404.51	0	0
SWPGPL-Mus	5.81	134.58	0	0
Other(Mus)	11.67	162.11	0	0
Total	114.18	2583.48		
SOLAR				
Total	7.28	185.12	0	0
Total	7.28	185.12		
Tata				
Trombay 5	6.96	253.27	407	272
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.42	50.49	114	86
Trombay 7B	1.48	33.22	66	57
Trombay 8	4.35	125.43	220	142
TATA Hydro	4.17	106.56	399	0
Total	19.38	568.96		
AEMIL				
DTPS U-1&2	9.08	260.80	423	334
Total	9.08	260.80		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	133.96	3044.50	MSPGCL Total	153.62	3760.55
			MSPGCL Thml+Gas	139.58	3170.07	Koyna 1,2 & 4 Total	6.94	351.75
			MSPGCL Hydro	14.05	590.48	State Total	311.16	7533.33

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/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	5160	262	236	5658	331	4260	0	0	6382	6654	-1236	15667	0	15667	2260	17927	50.00
2	5176	275	255	5706	382	4230	0	0	6464	6452	-1133	15637	0	15637	2112	17749	49.91
3	5207	312	246	5765	387	4273	0	0	6201	6351	-1011	15765	0	15765	1981	17746	50.00
4	5215	250	237	5702	472	4405	0	0	6224	6206	-912	15873	0	15873	1898	17771	50.04
5	5231	271	247	5749	470	4661	0	0	6353	6441	-900	16421	0	16421	1874	18295	50.05
6	5429	604	236	6269	421	4772	0	0	6808	6652	-956	17158	0	17158	1935	19093	50.00
7	5575	725	246	6546	374	4832	0	21	7369	7038	-927	17884	0	17884	1990	19874	49.95
8	5594	935	256	6785	272	4823	0	231	7377	7391	-1064	18438	0	18438	2168	20606	50.02
9	5387	765	234	6386	215	4905	0	586	7469	7553	-1306	18339	0	18339	2471	20810	50.03
10	5514	782	232	6528	171	4916	0	849	7602	7531	-1609	18386	0	18386	2820	21206	49.99
11	5534	1163	230	6927	140	4911	0	998	7959	8006	-1784	19198	0	19198	3052	22250	50.01
12	5628	817	228	6673	111	4849	0	1050	8482	8175	-1802	19056	0	19056	3095	22151	49.94
13	5475	554	238	6267	85	4605	0	975	8656	8776	-1788	18920	0	18920	3074	21994	50.00
14	5683	660	227	6570	79	4750	0	810	8126	8168	-1698	18679	0	18679	2931	21610	50.02
15	5761	698	227	6686	115	4887	0	780	8232	8210	-1719	18959	0	18959	2979	21938	49.92
16	5748	767	227	6742	108	4941	0	648	8400	8315	-1746	19008	0	19008	3012	22020	49.97
17	5741	733	229	6703	175	4940	0	282	8115	7783	-1712	18171	0	18171	2951	21122	49.94
18	5908	803	230	6941	285	4993	0	49	7568	7309	-1439	18138	0	18138	2862	21000	50.02
19	6105	905	240	7250	422	5027	0	0	6996	6977	-1225	18451	0	18451	2825	21276	50.04
20	6139	590	232	6961	493	4977	0	0	7045	7154	-1219	18366	0	18366	2736	21102	50.01
21	5840	333	233	6406	464	4957	0	0	6955	6601	-1371	17057	0	17057	2643	19700	50.05
22	5627	279	242	6148	443	4818	0	0	6389	6101	-1400	16110	0	16110	2538	18648	50.02
23	5737	252	214	6203	584	4815	0	0	6239	5877	-1312	16167	0	16167	2437	18604	50.03
24	5545	313	194	6052	610	4633	0	0	6187	6021	-1305	16011	0	16011	2395	18406	49.97
MUs	133.96	14.05	5.62	153.62	7.61	114.18	0.00	7.28	173.60	171.74	-32.57	421.86	0.00	421.86	61.04	482.90	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 25/Oct/2021

Position as on 6.30 Hrs of 26/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.	
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.	
MSPGCL	Koradi Unit 6	210	25/10/2021	07.28	25/10/2021	10.54	Flame Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Oct/2021

Statement-VII

Position as on 6.30 Hrs of 26/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
Padgha Tarapur II	InterState	25/10/2021	08.54		Continued.	PO	CB,ES,DS,LA,WT,CVT, Annual PM.
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).
400 KV ICT Outages/Trippings							
400/220kv 315 Mva ICT II @Karad	IntraState	25/10/2021	09.15	25/10/2021	18.17	PO	For Bushing Tan Delta and REF relay retrofitting.
400/220/33kv, 500 MVA ICT-I @Khaparkheda	IntraState	25/10/2021	09.38	25/10/2021	17.32	PO	MV CT Tan Delta & Capacitance. Centre Break Isolator Maintenance Work. OLTC Auxiliary Transformer Replacement Work ICT I 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	25/10/2021	14.50	PO	Line Maintenance work
EKLAHARE (OCR) Nasik Navsari II	InterState	25/10/2021	09.18	25/10/2021	17.09	PO	Line Maintenance 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.
Balapur-Malegaon	IntraState	25/10/2021	08.20	25/10/2021	19.47	PO	Stringing Of Earth Wire.
New Koyna - Loteparshuram	IntraState	25/10/2021	09.15	25/10/2021	17.20	PO	New Earth Wire Stringing Work over 220 kV Bus section 1.220 kV New koyna Lote Line B PH New CC & LMU To Be Taken into Service
Vita - Miraj	IntraState	25/10/2021	09.20	25/10/2021	21.42	PO	String Replacement & Nut Bolt Tightening.
Karad -Mudshingi Ckt- IV	IntraState	25/10/2021	10.04	25/10/2021	18.50	PO	For Extension Of New PT Protection Core.
WALCHANDNAGAR - PHALTAN MIDC	IntraState	25/10/2021	10.15	25/10/2021	12.50	PO	Replacement Of Flashover Insulator String At Loc. No. 135 Y PH DSN Observed.
AKOLA ANJANGAON (VIHIGAON) CKT-I	IntraState	25/10/2021	10.48	25/10/2021	15.49	PO	flash Over Disc replacement Work at loc no.21 & 43.
Karad(400kv) - Wathar	IntraState	25/10/2021	10.52	25/10/2021	18.34	PO	For Extension Of New PT Protection Core.
Nanded - Parli Ext. Ckt II	IntraState	25/10/2021	11.18	25/10/2021	18.30	PO	For CT Tan Delta Test & Quarterly Maintenance Work.
Pusad-Ghatodi	IntraState	25/10/2021	12.03	25/10/2021	17.31	PO	Routine Maintenance Work
Padgha-Temghar-II	IntraState	25/10/2021	19.36	25/10/2021	23.14	T	Distance Protection
220 KV ICT Outages/Trippings							
220/33kV 100 MVA Transformer 3 @Versova R/S	IntraState	18/10/2021	09.47	25/10/2021	16.22	PO	220kV CB Operating mechanism overhauling Work Of 100MVA TR-3 Along With Annual Maintenance Work.
220/132 Kv 100 Mva Ict 1 @South Solapur (Kumbhari)	IntraState	25/10/2021	10.30	25/10/2021	13.38	PO	Diagnostic testing Work.
220/132 Kv 100mva Ict 2 @South Solapur (Kumbhari)	IntraState	25/10/2021	13.43	25/10/2021	16.50	PO	Diagnostic testing Work.

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