

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Oct/2021 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	113.011	757.289	1) Gujrat	-7.597	-49.065
2) Hydro	37.970	240.210	2) Madhya Pradesh	8.135	69.941
3) Gas	3.032	32.710	3) Chattisgarh	4.440	37.100
Total MSPGCL	154.013	1030.209	4) Maharashtra	143.360	1001.938
B) 1) APML	54.437	354.425	5) Goa (Amona)	-1.220	-8.216
2) JSWEL	20.628	135.042	Total	147.118	1051.698
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.569	158.921
4) RPL(AMT)	12.910	101.926	b) Mumbai Drawl	27.136	177.795
5) SWPGPL	5.870	29.440	c) MSEDCL Bilateral *	44.845	288.022
6) Other IPP	5.156	35.259	Include PX	15.384	90.459
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.569	158.921
C) 1) TPCL Thermal	16.868	115.807	Include PX	0.840	17.396
2) TPCL Hydro	5.819	35.891	Standby	0.000	0.000
3) TPCL Gas	3.017	16.584	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.381	78.687	1) MSEDCL	387.655	2650.142
D) STATE			2) Mumbai Discoms	64.221	424.764
1) Thermal	240.261	1607.875	TOTAL STATE	451.876	3074.906
(A1+C1+C4+(B1-B6))					
2) Hydro	43.789	276.101			
(A2+C2)					
3) Gas	6.049	49.294			
(A3+B7+C3)					
4) Wind	7.561	40.757			
6) SOLAR	7.098	49.181			
TOTAL STATE	304.758	2023.208			

* 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 18 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4623	5140	5311	4007
MSPGCL Hydro	928	1810	2068	2101
MSPGCL Gas	90	169	197	100
MSPGCL Total Generation	5641	7119	7576	6208
Central Sector Receipt	7187	6201	6929	4736
WIND	410	94	57	473
CPP / IPP Thermal	4171	4129	4224	3963
CPP / IPP Gas	0	0	0	0
SOLAR	910	72	0	0
Exchange with Mumbai	-1543	-1250	-1224	-697
MSEDCL DEMAND MET	16776	16365	17562	14683
Load Shedding	0	0	0	0
MSEDCL DEMAND	16776	16365	17562	14683
TPCL GENERATION	1103	1311	1315	867
AEML GENERATION	490	491	491	443
MUMBAI DEMAND	3136	3052	3030	2007
STATE DEMAND MET	19912	19417	20592	16690
STATE DEMAND	19912	19417	20592	16690
Frequency (Hz)	49.97	49.80	49.76	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 08.01 Hrs	49.5 Hz at 18.15 Hrs	49.93	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 07/Oct/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	17.37	0	0
Unit 7	0.00	0.00	0	0
Unit 8	12.90	88.83	591	500
Unit 9	12.39	80.49	545	500
Unit 10	3.65	3.65	420	0
Total	28.94	190.35		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.14	53.02	465	285
Unit 5	0.00	43.71	0	0
Total	9.14	96.73		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	4.24	30.06	246	108
Unit 8	4.11	29.38	200	155
Total	8.35	59.44		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.88	0.88	118	0
Unit 5	5.85	40.51	295	102
Unit 6	5.36	32.92	260	195
Unit 7	7.05	46.88	351	279
Unit 8	9.22	55.65	440	348
Unit 9	8.70	57.31	410	330
Total	37.06	234.14		
Paras				
Unit 3	4.12	30.45	199	110
Unit 4	0.00	0.00	0	0
Total	4.12	30.45		
Khaparkheda				
Unit 1	3.00	18.52	140	85
Unit 2	3.73	22.20	165	150
Unit 3	3.68	22.55	162	145
Unit 4	3.96	24.80	183	140
Unit 5	7.54	34.96	455	0
Total	21.90	123.04		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.50	23.14	167	123
Unit 5	0.00	0.00	0	0
Total	3.50	23.14		
Uran				
All Units	3.03	32.71	229	90
Total	3.03	32.71		
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)	0.60	3.32	40	0
Total	0.60	3.32		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	8.81	50.70	530	45
Stage 4	17.14	105.02	1020	0
Stage 3	5.31	32.72	320	0
Total	31.25	188.44		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.28	1.74	60	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.33	2.57	40	0
SMLHY_PTN	5.84	42.51	269	226
GHATGHAR	0.26	4.95	125	0
Total	6.72	51.77		
Wind				
Total	7.56	40.76	0	0
Total	7.56	40.76		
CPP				
APML(Mus)	54.44	354.42	0	0
JSWEL(Mus)	20.63	135.04	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	12.91	101.93	0	0
SWPGPL-Mus	5.87	29.44	0	0
Other(Mus)	5.16	35.26	0	0
Total	99.00	656.09		
SOLAR				
Total	7.10	49.18	0	0
Total	7.10	49.18		
Tata				
Trombay 5	11.57	79.21	487	456
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.79	9.29	114	48
Trombay 7B	1.23	7.29	66	39
Trombay 8	5.30	36.60	222	219
TATA Hydro	5.82	35.89	434	18
Total	25.70	168.28		
AEMIL				
DTPS U-1&2	11.38	78.69	495	394
Total	11.38	78.69		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	113.01	757.29	MSPGCL Total	154.01	1030.21
			MSPGCL Thml+Gas	116.04	790.00	Koyna 1,2 & 4 Total	25.95	155.71
			MSPGCL Hydro	37.97	240.21	State Total	304.76	2023.21

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/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	3971	2077	120	6168	617	4018	0	0	5129	5024	-886	14941	0	14941	2280	17221	49.95
2	4045	2106	90	6241	497	3994	0	0	4978	4803	-802	14733	0	14733	2126	16859	50.00
3	4007	2101	100	6208	473	3963	0	0	4876	4736	-697	14683	0	14683	2007	16690	49.99
4	4016	2112	100	6228	461	4029	0	0	4815	4828	-656	14890	0	14890	1921	16811	49.98
5	4074	2128	100	6302	387	4036	0	0	4958	5227	-663	15289	0	15289	1912	17201	49.86
6	4169	2119	100	6388	407	4062	0	0	5822	5989	-698	16148	0	16148	1982	18130	49.97
7	4285	2089	100	6474	390	4065	0	48	6623	6589	-731	16835	0	16835	2069	18904	49.88
8	4404	1817	100	6321	484	4172	0	289	6887	6503	-858	16911	0	16911	2251	19162	50.01
9	4497	1276	90	5863	626	4212	0	583	6767	6652	-1092	16844	0	16844	2562	19406	49.98
10	4568	920	100	5588	565	4180	0	842	6990	7014	-1332	16857	0	16857	2890	19747	49.97
11	4623	928	90	5641	410	4171	0	910	7198	7187	-1543	16776	0	16776	3136	19912	49.97
12	4662	730	100	5492	345	4134	0	955	7324	7170	-1593	16503	0	16503	3218	19721	49.87
13	4912	422	90	5424	274	4129	0	914	7314	7016	-1567	16190	0	16190	3204	19394	49.94
14	4927	318	90	5335	290	4114	0	896	7266	6853	-1581	15907	0	15907	3119	19026	49.93
15	5009	429	91	5529	265	4046	0	750	7222	7009	-1578	16021	0	16021	3199	19220	49.82
16	5192	753	111	6056	203	4056	0	515	6819	6700	-1432	16098	0	16098	3245	19343	49.91
17	5131	1342	149	6622	138	4082	0	324	6518	6311	-1383	16094	0	16094	3168	19262	49.89
18	5140	1810	169	7119	94	4129	0	72	6205	6201	-1250	16365	0	16365	3052	19417	49.80
19	5311	2068	197	7576	57	4224	0	0	6341	6929	-1224	17562	0	17562	3030	20592	49.76
20	5368	2133	228	7729	77	4259	0	0	6558	6376	-1203	17238	0	17238	3004	20242	49.96
21	5425	1936	209	7570	91	4250	0	0	6133	6018	-1101	16828	0	16828	2847	19675	49.93
22	5181	2187	229	7597	85	4144	0	0	5547	5650	-1074	16402	0	16402	2745	19147	49.95
23	5052	2203	140	7395	99	4221	0	0	5261	5317	-1066	15966	0	15966	2643	18609	49.94
24	5042	1966	139	7147	226	4311	0	0	5256	5016	-1126	15574	0	15574	2611	18185	49.96
MUs	113.01	37.97	3.03	154.01	7.56	99.00	0.00	7.10	148.81	147.12	-27.14	387.66	0.00	387.66	64.22	451.88	49.93

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 07/Oct/2021

Position as on 6.30 Hrs of 08/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	Chandrapur Unit 4	210	15/09/2021	23.54	07/10/2021	12.20	Poor coal receipt	
MSPGCL	Bhusawal Unit 3	210	18/09/2021	03.30		Continued.	Coal Shortage	
IPP	Adani U-5	660	19/09/2021	03.47	07/10/2021	21.35	Abnormal Sound in Turbine governing system.	
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	
MSPGCL	Koradi Unit 10	660	28/09/2021	22.46	07/10/2021	09.29	Poor coal receipt	
IPP	RPL(AMT) U-2	270	29/09/2021	01.15		Continued.	Coal Shortage	
MSPGCL	Uran Unit 5	108	02/10/2021	20.45		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	05/10/2021	22.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 6	210	06/10/2021	03.22		Continued.	sparkling at exciter of the generator	
MSPGCL	Khaparkheda Unit 5	500	06/10/2021	11.15	07/10/2021	04.34	Y-ph PRV of GT operated.	
MSPGCL	Bhusawal Unit 5	500	06/10/2021	21.05		Continued.	Poor coal receipt.	
MSPGCL	Uran Unit B0	120	07/10/2021	00.05	07/10/2021	18.01	Gas shortage	
MSPGCL	Uran Unit 8	108	07/10/2021	00.05	07/10/2021	14.49	Gas shortage	
MSPGCL	Chandrapur Unit 5	500	07/10/2021	21.26		Continued.	Coal Shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 07/Oct/2021

Position as on 6.30 Hrs of 08/Oct/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 6	108	07/10/2021	22.09		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Oct/2021

Statement-VII

Position as on 6.30 Hrs of 08/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
Dabhol Nagothane I	InterState	07/10/2021	17.06	07/10/2021	19.46	T	Distance Protection
Koradi 2-IEPL	IntraState	26/09/2021	07.00		Continued.	PO	For for height raising work across.
koaradi II - Wardha(PG)	IntraState	26/09/2021	07.29		Continued.	PO	For for height raising work across Samruddhi highway at chainage No.23+650 (tower no 192 & 193)
Jejuri- Koynastage-IV	IntraState	06/10/2021	21.22	07/10/2021	10.14	T	Distance Protection
Bhusawal-Aurangabad	IntraState	06/10/2021	22.31	06/10/2021	Continued.	HT	Over Voltage
New Koyna - Dabhol - II	IntraState	07/10/2021	11.10	07/10/2021	11.59	EO	For attending partially opened B Phase Line Isolator
Jejuri- Koynastage-IV	IntraState	07/10/2021	14.18	07/10/2021	21.27	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT-I @Aurangabad (Waluj)	IntraState	07/10/2021	11.18		Continued.	PO	PG Isolator overhauling 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)
A'bad(PG)-Shendra Ckt II	InterState	07/10/2021	04.41	07/10/2021	07.31	HT	To control Overdrawal
Aurangabad PG (Chitepimpalgaon)- Chitegaon Ckt-II	InterState	07/10/2021	18.27	08/10/2021	00.21	HT	To control Overdrawal
WARDHA WARDHA (PG) (DEOLI)	InterState	07/10/2021	18.55	08/10/2021	00.15	HT	To control Overdrawal
PARLY (PG) - OSMANABAD	InterState	07/10/2021	18.59	08/10/2021	00.44	HT	To control Overdrawal
PARLY (PG) - OLD GCR PARLI	InterState	07/10/2021	19.11	08/10/2021	00.47	HT	To control Overdrawal
Chandrapur MIDC - GEPL Ckt I	IntraState	02/10/2021	18.36		Continued.	HT	Energy bill pending at GEPL end.
PANDHARPUR BHALVANI	IntraState	06/10/2021	21.26	07/10/2021	20.55	T	CC Burst.
Trombay-Salsette II	IntraState	06/10/2021	23.12	07/10/2021	04.25	PO	Metro work.
Dhamangaon New- Tss -I	IntraState	07/10/2021	08.55	07/10/2021	13.53	PO	Routine Maintenance Work
BHUGAON WARORA CKT-II	IntraState	07/10/2021	09.25	07/10/2021	14.24	PO	Testing Work
Padghe - Nalasopara	IntraState	07/10/2021	10.10	07/10/2021	11.50	PO	Jumper Replacement
Chakan-Bhosari	IntraState	07/10/2021	10.40	07/10/2021	18.04	PO	Testing Work
Khaparkheda-Kalmeshwar	IntraState	07/10/2021	10.45	07/10/2021	14.54	PO	Replacement of Damaged B Phase CT Jumper
Shirsuphal-Kurkumbh	IntraState	07/10/2021	11.07	07/10/2021	14.37	PO	Testing Work
Uran - Apta II	IntraState	07/10/2021	11.18	07/10/2021	16.12	PO	Routine Maintenance Work
Theur-Jejuri	IntraState	07/10/2021	11.45	08/10/2021	16.01	PO	Testing Work
Vasai Kamba	IntraState	07/10/2021	11.56	07/10/2021	14.58	PO	Jumper replacement
Akola-Paras Ckt No-I	IntraState	07/10/2021	13.02	07/10/2021	16.45	PO	To attend Hot Spot
Pedhambe - Oni	IntraState	07/10/2021	16.01		Continued.	T	Distance Protection
Pusad-WardhaPG(Deoli)	IntraState	07/10/2021	18.22	08/10/2021	00.11	HT	To control Overdrawal
Niwali - Pawas Line	IntraState	07/10/2021	19.30	08/10/2021	05.14	T	Distance Protection
Trombay-Salsette II	IntraState	07/10/2021	23.30	08/10/2021	06.41	PO	Metro work
Trombay Salsette 1 Backbay	IntraState	07/10/2021	23.30	08/10/2021	06.33	PO	Metro work
220 KV ICT Outages/Trippings							
220/132kv 100mva Cgl Ict 3 @Pandharpur	IntraState	07/10/2021	08.55	07/10/2021	16.30	PO	OLTC Overhauling work
220/132 Kv 200 MVA ICT II @Babhleshwar	IntraState	07/10/2021	10.11	07/10/2021	17.05	PO	Bay Maintenance work

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