

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Oct/2021 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	116.227	1124.843	1) Gujrat	-13.991	-85.615
2) Hydro	26.662	323.354	2) Madhya Pradesh	3.273	84.121
3) Gas	5.135	46.596	3) Chattisgarh	3.630	48.400
Total MSPGCL	148.024	1494.793	4) Maharashtra	143.228	1421.883
B) 1) APML	51.703	520.508	5) Goa (Amona)	-0.646	-11.214
2) JSWEL	19.369	193.711	Total	135.494	1457.575
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.152	229.169
4) RPL(AMT)	12.917	140.417	b) Mumbai Drawl	22.000	250.342
5) SWPGPL	6.000	47.202	c) MSEDCL Bilateral *	32.962	397.872
6) Other IPP	6.148	52.199	Include PX	2.254	106.699
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.152	229.169
C) 1) TPCL Thermal	15.040	163.561	Include PX	1.070	19.911
2) TPCL Hydro	2.767	50.302	Standby	0.000	0.000
3) TPCL Gas	3.701	27.479	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.315	112.673	1) MSEDCL	367.903	3783.124
D) STATE			2) Mumbai Discoms	54.823	604.357
1) Thermal	238.719	2355.114	TOTAL STATE	422.726	4387.481
(A1+C1+C4+(B1-B6))					
2) Hydro	29.429	373.656			
(A2+C2)					
3) Gas	8.836	74.075			
(A3+B7+C3)					
4) Wind	4.045	59.276			
6) SOLAR	6.203	67.785			
TOTAL STATE	287.232	2929.906			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4722	4786	5306	4625
MSPGCL Hydro	1332	364	2062	1058
MSPGCL Gas	242	228	231	194
MSPGCL Total Generation	6296	5378	7599	5877
Central Sector Receipt	5968	6131	5708	4760
WIND	201	38	108	315
CPP / IPP Thermal	3993	3961	4106	3994
CPP / IPP Gas	0	0	0	0
SOLAR	514	850	0	0
Exchange with Mumbai	-966	-1217	-751	-720
MSEDCL DEMAND MET	16006	15141	16770	14226
Load Shedding	0	0	0	0
MSEDCL DEMAND	16006	15141	16770	14226
TPCL GENERATION	674	745	1251	805
AEML GENERATION	485	487	501	471
MUMBAI DEMAND	2125	2449	2503	1996
STATE DEMAND MET	18131	17590	19273	16222
STATE DEMAND	18131	17590	19273	16222
Frequency (Hz)	50.06	50.04	50.05	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 13.03 Hrs	49.71 Hz at 23.38 Hrs	50.01	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 10/Oct/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.72	25.88	180	121
Unit 7	0.00	0.00	0	0
Unit 8	8.94	124.33	530	313
Unit 9	8.91	114.51	516	320
Unit 10	9.37	37.42	525	349
Total	30.94	302.14		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.26	83.28	459	361
Unit 5	0.00	43.71	0	0
Total	10.26	126.99		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	4.28	42.93	223	162
Unit 8	4.27	42.06	200	165
Total	8.55	84.99		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.28	10.39	147	115
Unit 5	0.00	40.51	0	0
Unit 6	6.21	51.06	290	190
Unit 7	7.99	69.85	345	305
Unit 8	8.71	82.60	392	310
Unit 9	8.51	82.88	382	335
Total	34.70	337.29		
Paras				
Unit 3	4.70	44.26	213	149
Unit 4	0.00	0.00	0	0
Total	4.70	44.26		
Khaparkheda				
Unit 1	2.80	27.07	135	100
Unit 2	3.10	32.30	150	115
Unit 3	3.55	33.70	162	140
Unit 4	3.48	35.63	155	138
Unit 5	10.25	65.78	445	410
Total	23.18	194.47		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.90	34.70	172	129
Unit 5	0.00	0.00	0	0
Total	3.90	34.70		
Uran				
All Units	5.14	46.60	242	184
Total	5.14	46.60		
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)	0.39	5.14	27	0
Total	0.39	5.14		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.95	66.16	455	40
Stage 4	11.70	140.18	1008	0
Stage 3	3.61	43.96	320	0
Total	19.25	250.30		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.50	3.40	60	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.46	3.72	40	0
SMLHY_PTN	5.63	59.64	252	208
GHATGHAR	0.82	6.30	250	0
Total	7.41	73.06		
Wind				
Total	4.04	59.28	0	0
Total	4.04	59.28		
CPP				
APML(Mus)	51.70	520.51	0	0
JSWEL(Mus)	19.37	193.71	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	12.92	140.42	0	0
SWPGPL-Mus	6.00	47.20	0	0
Other(Mus)	6.15	52.20	0	0
Total	96.14	954.04		
SOLAR				
Total	6.20	67.78	0	0
Total	6.20	67.78		
Tata				
Trombay 5	9.79	111.16	483	272
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.28	15.97	114	49
Trombay 7B	1.42	11.50	67	40
Trombay 8	5.25	52.40	221	216
TATA Hydro	2.77	50.30	370	0
Total	21.51	241.34		
AEMIL				
DTPS U-1&2	11.32	112.67	501	362
Total	11.32	112.67		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	116.23	1124.84	MSPGCL Total	148.02	1494.79
			MSPGCL Thml+Gas	121.36	1171.44	Koyna 1,2 & 4 Total	15.65	206.34
			MSPGCL Hydro	26.66	323.35	State Total	287.23	2929.91

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/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	4824	1318	203	6345	203	4042	0	0	4983	4917	-852	14655	0	14655	2357	17012	50.00
2	4713	1306	184	6203	177	4014	0	0	4917	4795	-773	14416	0	14416	2217	16633	49.99
3	4591	1273	193	6057	229	4033	0	0	4835	4854	-702	14471	0	14471	2087	16558	50.02
4	4625	1058	194	5877	315	3994	0	0	4858	4760	-720	14226	0	14226	1996	16222	50.03
5	4651	1565	203	6419	311	3957	0	0	4858	5008	-717	14978	0	14978	1970	16948	50.00
6	4664	1999	194	6857	279	3934	0	0	5004	5299	-744	15625	0	15625	1999	17624	49.98
7	4781	1635	193	6609	274	3963	0	25	6023	5777	-666	15982	0	15982	2005	17987	50.03
8	4805	1180	234	6219	215	4002	0	226	6321	6257	-764	16155	0	16155	2018	18173	50.04
9	4722	1332	242	6296	201	3993	0	514	5710	5968	-966	16006	0	16006	2125	18131	50.06
10	4668	684	231	5583	119	4004	0	788	6326	6195	-1107	15582	0	15582	2269	17851	50.03
11	4762	414	228	5404	68	3938	0	937	6550	6445	-1215	15577	0	15577	2380	17957	49.99
12	4830	499	228	5557	60	4011	0	965	6459	6046	-1278	15361	0	15361	2449	17810	49.98
13	4786	364	228	5378	38	3961	0	850	6499	6131	-1217	15141	0	15141	2449	17590	50.04
14	4716	300	227	5243	56	3921	0	792	5950	5877	-1206	14683	0	14683	2383	17066	50.05
15	4723	367	238	5328	164	3985	0	577	5974	6145	-1153	15046	0	15046	2404	17450	50.04
16	4719	341	226	5286	131	4028	0	308	6205	6139	-1038	14854	0	14854	2400	17254	49.98
17	4663	484	197	5344	125	4023	0	167	6280	6078	-1038	14699	0	14699	2348	17047	50.01
18	4974	640	188	5802	217	4047	0	54	6150	6179	-1039	15260	0	15260	2302	17562	49.99
19	5300	1322	228	6850	203	4097	0	0	6073	6171	-809	16512	0	16512	2421	18933	50.00
20	5306	2062	231	7599	108	4106	0	0	5729	5708	-751	16770	0	16770	2503	19273	50.05
21	5395	1745	231	7371	86	4099	0	0	5227	5321	-743	16134	0	16134	2488	18622	50.04
22	5005	1701	232	6938	134	3993	0	0	5349	5387	-800	15652	0	15652	2447	18099	50.04
23	4993	1592	191	6776	176	3976	0	0	5200	5128	-827	15229	0	15229	2404	17633	50.01
24	5011	1481	191	6683	156	4016	0	0	5182	4909	-875	14889	0	14889	2402	17291	49.87
MUs	116.23	26.66	5.14	148.02	4.05	96.14	0.00	6.20	136.66	135.49	-22.00	367.90	0.00	367.90	54.82	422.73	50.01

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 10/Oct/2021

Position as on 6.30 Hrs of 11/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		Continued.	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		Continued.	Poor coal receipt.	
MSPGCL	Chandrapur Unit 5	500	07/10/2021	21.26		Continued.	Coal Shortage	
MSPGCL	Uran Unit 6	108	07/10/2021	22.09		Continued.	Gas shortage	
IPP	Adani U-3	660	08/10/2021	21.12		Continued.	APH-B hot PA below leakage.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Oct/2021

Statement-VII

Position as on 6.30 Hrs of 11/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
Bhusawal-Aurangabad	IntraState	06/10/2021	22.31		Continued.	HT	Over Voltage
Girwali- Lonikand 2	IntraState	10/10/2021	11.02	11/10/2021	06.34	PO	Reactor Backup Relay Retrofitting Work. Bay Maintenance Work.
Karad-Jaigad - I	IntraState	10/10/2021	21.16		Continued.	HT	Over Voltage
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	10/10/2021	09.06	10/10/2021	15.55	PO	Cutting Of Wild Grass & Trees Grown Under Line route Along With Removal Of Debris under the line using JCB In Restricted Area Of BARC & NPCIL Restricted Area.
Borivali - Tarapur	InterState	10/10/2021	09.14	10/10/2021	15.33	PO	Cutting Of Wild Grass & Trees Grown Under Line route Along With Removal Of Debris under the line using JCB In Restricted Area Of BARC & NPCIL Restricted Area.
Chandrapur MIDC - GEPL Ckt I	IntraState	02/10/2021	18.36		Continued.	HT	Energy bill pending at GEPL end.
Aurangabad (Waluj)-Bhenda	IntraState	09/10/2021	13.55	10/10/2021	11.28	T	Distance Protection
Pedhambe - Oni	IntraState	10/10/2021	08.13	10/10/2021	18.47	PO	Outage For Pedambe Bus Outage.
Adlabs - Pedambe	IntraState	10/10/2021	08.15	10/10/2021	18.45	PO	Outage For Pedambe Bus Outage.
Main bus section-II @ Pedambe	IntraState	10/10/2021	08.25	10/10/2021	18.33	PO	B PH Main Bus To Main Bus Isolator Jumper Replacement work, R Ph wave Trap jumper clamp red hot spot attending work, gantry insulator string replacement work for pedambe-nerle ckt.
Kandalgaon - Sona Alloys	IntraState	10/10/2021	09.27	10/10/2021	18.10	PO	For Replacement Of Polymer Insulator Strings By Long Rod Porcelain or Conductor Restraining Work.
Dhamangaon New - Badnera	IntraState	10/10/2021	12.42	10/10/2021	14.10	T	BB1 Protection Operated.
Badnera Tss-I	IntraState	10/10/2021	12.42	10/10/2021	14.45	T	BB1 Protection Operated.
Badnera-Akola I	IntraState	10/10/2021	12.42	11/10/2021	00.06	T	BB1 Protection Operated.
Badnera - Nandgaonpeth	IntraState	10/10/2021	12.42	10/10/2021	14.24	T	BB1 Protection Operated.
Badnera-Akola li	IntraState	10/10/2021	12.45	10/10/2021	13.50	T	BB1 Protection Operated.
Kharghar - Tss Panvel	IntraState	10/10/2021	13.24	10/10/2021	17.07	T	Distance Protection
Trombay-Salsette II	IntraState	10/10/2021	16.47	10/10/2021	17.54	EO	For Tree Cutting.
Padghe - Kambha	IntraState	10/10/2021	17.28		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Bb Ict 2 @Chikhali	IntraState	09/10/2021	10.20		Continued.	PO	Diagnostic Testing Work.
220/132kv 200mva Bbl Ict 2 @Pandharpur	IntraState	10/10/2021	08.24	10/10/2021	15.30	PO	Outage Required For OLTC Overhauling Work.
Dharavi : 220 / 105 / 23 250 MVA ICT 7	IntraState	10/10/2021	09.02	10/10/2021	16.50	PO	Cu IPS modification & Dismantling of transfer bus GOD.

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