

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Nov/2021 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	143.325	1242.051	1) Gujrat	-8.516	-62.186
2) Hydro	7.892	93.897	2) Madhya Pradesh	4.940	56.946
3) Gas	5.651	50.312	3) Chattisgarh	5.440	54.610
Total MSPGCL	156.868	1386.260	4) Maharashtra	136.965	1287.013
B) 1) APLM	64.548	515.706	5) Goa (Amona)	-1.949	-14.011
2) JSWEL	12.957	122.764	Total	136.880	1322.372
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.617	251.174
4) RPL(AMT)	22.508	153.734	b) Mumbai Drawl	28.617	259.149
5) SWPGPL	7.420	50.985	c) MSEDCL Bilateral *	38.636	390.665
6) Other IPP	26.511	222.167	Include PX	3.063	73.157
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.617	251.174
C) 1) TPCL Thermal	12.663	104.354	Include PX	17.382	173.264
2) TPCL Hydro	3.875	30.200	Standby	0.000	0.000
3) TPCL Gas	2.828	28.670	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.893	84.332	1) MSEDCL	428.249	3692.620
D) STATE			2) Mumbai Discoms	56.876	506.703
1) Thermal	298.825	2496.093	TOTAL STATE	485.125	4199.323
(A1+C1+C4+(B1-B6))					
2) Hydro	11.767	124.097			
(A2+C2)					
3) Gas	8.479	78.982			
(A3+B7+C3)					
4) Wind	20.929	111.338			
6) SOLAR	8.245	66.443			
TOTAL STATE	348.245	2876.953			

* 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 19 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	6376	5850	6599	4786
MSPGCL Hydro	410	245	642	252
MSPGCL Gas	231	238	232	236
MSPGCL Total Generation	7017	6333	7473	5274
Central Sector Receipt	6790	6835	5515	5480
WIND	1204	1163	503	1052
CPP / IPP Thermal	6183	5475	6043	4850
CPP / IPP Gas	0	0	0	0
SOLAR	1113	1196	0	0
Exchange with Mumbai	-1498	-1411	-1129	-1291
MSEDCL DEMAND MET	20809	19591	18405	15365
Load Shedding	0	0	0	0
MSEDCL DEMAND	20809	19591	18405	15365
TPCL GENERATION	879	893	1190	571
AEML GENERATION	382	502	423	325
MUMBAI DEMAND	2759	2806	2742	2187
STATE DEMAND MET	23568	22397	21147	17552
STATE DEMAND	23568	22397	21147	17552
Frequency (Hz)	50.04	49.96	49.97	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 22:00 Hrs	49.76 Hz at 16:44 Hrs	49.98	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 09/Nov/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.44	28.83	190	115
Unit 7	0.00	0.00	0	0
Unit 8	13.04	112.09	614	5
Unit 9	13.14	109.89	590	485
Unit 10	12.99	108.97	598	500
Total	42.61	359.78		
Bhusawal				
Unit 3	3.28	28.63	160	125
Unit 4	10.40	85.61	480	285
Unit 5	9.64	82.85	445	280
Total	23.32	197.09		
Parli				
Unit 6	1.31	16.53	173	0
Unit 7	4.46	36.12	234	151
Unit 8	3.92	36.42	198	147
Total	9.69	89.06		
Chandrapur				
Unit 3	0.06	21.11	65	0
Unit 4	3.31	28.58	160	124
Unit 5	7.90	71.44	390	269
Unit 6	0.00	0.00	0	0
Unit 7	8.03	67.88	399	274
Unit 8	9.54	80.67	430	284
Unit 9	9.74	83.12	440	278
Total	38.58	352.80		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	4.04	29.06	234	144
Total	4.04	29.06		
Khaparkheda				
Unit 1	2.70	24.12	120	100
Unit 2	2.96	27.82	145	115
Unit 3	3.26	30.22	150	125
Unit 4	3.17	29.16	160	123
Unit 5	9.85	65.35	500	280
Total	21.94	176.67		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	9.93	0	0
Unit 5	3.15	27.66	165	118
Total	3.15	37.59		
Uran				
All Units	5.65	50.31	257	197
Total	5.65	50.31		
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)	0.08	5.20	20	0
Total	0.08	5.20		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.90	26.57	250	40
Stage 4	0.21	9.47	155	0
Stage 3	0.38	7.60	80	0
Total	2.48	43.64		
Hydro				
KDPH	0.00	1.58	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.22	1.64	77	0
SMLHY_PTN	4.80	44.59	209	187
GHATGHAR	0.39	2.45	124	0
Total	5.41	50.26		
Wind				
Total	20.93	111.34	0	0
Total	20.93	111.34		
CPP				
APML(Mus)	64.55	515.71	0	0
JSWEL(Mus)	12.96	122.76	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	22.51	153.73	0	0
SWPGPL-Mus	7.42	50.98	0	0
Other(Mus)	26.51	222.17	0	0
Total	133.94	1065.36		
SOLAR				
Total	8.24	66.44	0	0
Total	8.24	66.44		
Tata				
Trombay 5	7.81	63.31	451	268
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.60	16.88	108	60
Trombay 7B	1.23	11.79	65	48
Trombay 8	4.86	41.04	219	144
TATA Hydro	3.88	30.20	395	0
Total	19.37	163.22		
AEMIL				
DTPS U-1&2	8.89	84.33	502	315
Total	8.89	84.33		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	143.32	1242.05	MSPGCL Total	156.87	1386.26
			MSPGCL Thml+Gas	148.98	1292.36	Koyna 1,2 & 4 Total	2.10	36.04
			MSPGCL Hydro	7.89	93.90	State Total	348.24	2876.95

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/Nov/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	5694	262	255	6211	795	5054	0	0	5314	4922	-1211	15771	0	15771	2140	17911	49.92
2	5675	248	246	6169	923	5180	0	0	5222	4713	-1088	15897	0	15897	2003	17900	49.95
3	5499	260	247	6006	1034	4966	0	0	5139	4903	-999	15910	0	15910	1897	17807	49.98
4	5576	248	247	6071	1045	4877	0	0	5091	4816	-901	15908	0	15908	1817	17725	49.97
5	5748	262	257	6267	958	5169	0	0	5018	5365	-868	16891	0	16891	1786	18677	50.00
6	6011	284	247	6542	980	5725	0	0	5054	5383	-867	17763	0	17763	1837	19600	50.01
7	6342	350	237	6929	866	6131	0	20	5014	5035	-837	18144	0	18144	1884	20028	49.95
8	6343	567	256	7166	708	6180	0	213	5069	5196	-794	18669	0	18669	2022	20691	49.94
9	6188	332	235	6755	677	6101	0	610	5506	5696	-994	18845	0	18845	2282	21127	50.00
10	6159	336	243	6738	1001	6184	0	873	6147	6403	-1255	19944	0	19944	2557	22501	50.03
11	6376	410	231	7017	1204	6183	0	1113	6698	6790	-1498	20809	0	20809	2759	23568	50.04
12	6401	310	240	6951	1238	6011	0	1234	7142	6505	-1618	20321	0	20321	2829	23150	50.02
13	5850	245	238	6333	1163	5475	0	1196	7389	6835	-1411	19591	0	19591	2806	22397	49.96
14	5886	244	197	6327	1015	5516	0	1111	7206	6911	-1444	19436	0	19436	2700	22136	50.01
15	6104	285	197	6586	881	5576	0	924	7433	7173	-1631	19509	0	19509	2712	22221	50.01
16	6228	252	207	6687	717	5810	0	640	7047	7034	-1450	19438	0	19438	2742	22180	49.95
17	6400	440	227	7067	589	5973	0	276	6235	6070	-1304	18671	0	18671	2738	21409	49.93
18	6456	462	229	7147	425	5994	0	35	5526	5298	-1143	17756	0	17756	2710	20466	49.94
19	6599	642	232	7473	503	6043	0	0	5488	5515	-1129	18405	0	18405	2742	21147	49.97
20	6543	364	232	7139	575	5990	0	0	5509	5007	-1150	17561	0	17561	2641	20202	50.02
21	6132	267	235	6634	699	5276	0	0	5760	5014	-1257	16366	0	16366	2479	18845	49.99
22	5267	327	235	5829	863	4850	0	0	5708	5440	-1215	15767	0	15767	2358	18125	49.97
23	5062	243	245	5550	1018	4830	0	0	5754	5376	-1262	15512	0	15512	2248	17760	50.02
24	4786	252	236	5274	1052	4850	0	0	5762	5480	-1291	15365	0	15365	2187	17552	50.01
MUs	143.32	7.89	5.65	156.87	20.93	133.94	0.00	8.24	141.23	136.88	-28.62	428.25	0.00	428.25	56.88	485.12	49.98

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 09/Nov/2021

Position as on 6.30 Hrs of 10/Nov/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)	
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	
IPP	RPL(AMT) U-2	270	29/09/2021	01.15		Continued.	Coal Shortage	
IPP	JSW (J) U4	300	22/10/2021	21.45		Continued.	Due to no schedule.	
MSPGCL	Paras Unit 3	250	27/10/2021	19.05		Continued.	Air heater problem	
MSPGCL	Nasik Unit 4	210	03/11/2021	21.02		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 6	250	04/11/2021	16.50	09/11/2021	10.32	Zero schedule	
MSPGCL	Uran Unit 5	108	07/11/2021	23.28		Continued.	Turbine problem.	
MSPGCL	Chandrapur Unit 3	210	09/11/2021	00.30		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit-8	660	09/11/2021	23.02		Continued.	Due to abnormal sound in the bottom bearing of RAPH-8B.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Nov/2021

Statement-VII

Position as on 6.30 Hrs of 10/Nov/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	08/11/2021	18.15	09/11/2021	08.29	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	09/11/2021	07.52		Continued.	PO	Cold washing work on disc insulator(RFC-18.23).
Nagothane - Dabhol I	IntraState	09/11/2021	09.19	09/11/2021	18.20	PO	Earth Wire replacement work.
Khadka-Aurangabad (Waluj)	IntraState	09/11/2021	20.42		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
167MVA 400/220 SPARE ICT @ Parali (Girwali)	IntraState	09/11/2021	11.20	09/11/2021	15.21	PO	Bay maintenance work.
400/220kv, 500 MVA ICT-II @Deepnagar	IntraState	09/11/2021	14.55	09/11/2021	15.20	EO	For attending high temp observed in thermovision on 400kv side R Ph Bus- II to T-jump of ICT � II. Temp. observed is- 129 deg C.
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)
Chikhli-Jalna-II	IntraState	07/11/2021	06.13		Continued.	HT	To control overloading of Akola ICT as Paras U3 not available and Paras U4 less gen 85MW.
Chikhli-Jalna-I	IntraState	07/11/2021	06.13		Continued.	HT	To control overloading of Akola ICT as Paras U3 not available and Paras U4 less gen 85MW.
Sawantwadi-Bidri	IntraState	07/11/2021	20.28		Continued.	HT	Over Voltage
Pedhambe - Oni	IntraState	09/11/2021	06.55	09/11/2021	07.50	HT	Broken conductor indication appeared on panel.
Oni Kharepatan Line	IntraState	09/11/2021	07.49	09/11/2021	16.42	HT	Y-phase cb pole closing problem at oni end.
Karad - Vita Ckt- I	IntraState	09/11/2021	09.40	09/11/2021	16.53	PO	Alignment of 29 B Bus isolator which having hot spot at Y ph Jaw towards Bus side.Also dismantling of Bus-II jumps is required for alignment by Hot Line Unit.Oglawadi.
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	09/11/2021	10.26	09/11/2021	19.44	EO	Replacing Y ph LA having higher leakage current value (Ir corr=376 micro ampere).
Pedhambe - Oni	IntraState	09/11/2021	10.55		Continued.	HT	Broken conductor indication appeared on panel.
Topworth - Kharghar	IntraState	09/11/2021	13.22	09/11/2021	19.14	PO	For replacement of distance relay under MTAMC project.
Pophali - New Koyna	IntraState	09/11/2021	14.02	09/11/2021	19.02	PO	For replacement of damaged conductor between Loc. No. 14-15.
ALKUD - MENDHEGIRI CKT - 2	IntraState	09/11/2021	14.36	09/11/2021	19.00	PO	Quarterly Maintenance Work
GIS Bhandup - Borivali	IntraState	09/11/2021	19.40	09/11/2021	22.30	T	Bus fault.
Mulund - GIS Bhandup	IntraState	09/11/2021	19.40	09/11/2021	20.02	T	Bus fault.
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Ict 1 @Paranda	IntraState	09/11/2021	11.15	09/11/2021	15.55	PO	Attending Oil Leakage
220/33kv 100 Mva Transformer 4 @Aarey R/S	IntraState	09/11/2021	12.06	09/11/2021	12.39	T	Buccholz Protection Optd

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