

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	139.419	1381.470	1) Gujrat	-8.246	-70.432
2) Hydro	10.654	104.551	2) Madhya Pradesh	4.270	61.216
3) Gas	5.496	55.808	3) Chattisgarh	5.140	59.750
Total MSPGCL	155.569	1541.829	4) Maharashtra	139.480	1426.493
B) 1) APML	67.632	583.338	5) Goa (Amona)	-1.764	-15.775
2) JSWEL	13.367	136.131	Total	138.880	1461.252
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.096	279.270
4) RPL(AMT)	23.592	177.326	b) Mumbai Drawl	28.873	288.022
5) SWPGPL	7.861	58.846	c) MSEDCL Bilateral *	38.844	429.508
6) Other IPP	27.735	249.902	Include PX	4.160	77.316
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.096	279.270
C) 1) TPCL Thermal	11.697	116.051	Include PX	15.807	189.071
2) TPCL Hydro	3.734	33.934	Standby	0.000	0.000
3) TPCL Gas	2.836	31.506	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.699	93.031	1) MSEDCL	433.375	4125.995
D) STATE			2) Mumbai Discoms	55.840	562.543
1) Thermal	300.002	2796.095	TOTAL STATE	489.215	4688.538
(A1+C1+C4+(B1-B6))					
2) Hydro	14.388	138.485			
(A2+C2)					
3) Gas	8.332	87.314			
(A3+B7+C3)					
4) Wind	19.702	131.040			
6) SOLAR	7.910	74.353			
TOTAL STATE	350.334	3227.287			

* 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	6310	5825	6193	4851
MSPGCL Hydro	395	635	883	249
MSPGCL Gas	241	209	222	207
MSPGCL Total Generation	6946	6669	7298	5307
Central Sector Receipt	6890	7335	5517	4951
WIND	1087	619	470	1420
CPP / IPP Thermal	6259	6002	6373	4820
CPP / IPP Gas	0	0	0	0
SOLAR	1068	1178	0	0
Exchange with Mumbai	-1436	-1587	-1094	-1257
MSEDCL DEMAND MET	20814	20216	18564	15241
Load Shedding	0	0	0	0
MSEDCL DEMAND	20814	20216	18564	15241
TPCL GENERATION	885	772	1140	588
AEML GENERATION	400	379	480	324
MUMBAI DEMAND	2721	2738	2714	2169
STATE DEMAND MET	23535	22954	21278	17410
STATE DEMAND	23535	22954	21278	17410
Frequency (Hz)	50.00	49.95	50.05	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 06.03 Hrs	49.73 Hz at 15.36 Hrs	49.99	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/Nov/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.74	32.56	195	115
Unit 7	0.00	0.00	0	0
Unit 8	0.00	112.09	0	0
Unit 9	13.63	123.52	636	478
Unit 10	13.56	122.53	610	510
Total	30.92	390.70		
Bhusawal				
Unit 3	3.56	32.19	175	125
Unit 4	10.72	96.34	490	295
Unit 5	10.15	93.00	485	280
Total	24.44	221.52		
Parli				
Unit 6	4.40	20.93	224	150
Unit 7	4.48	40.60	234	151
Unit 8	4.20	40.62	208	147
Total	13.09	102.15		
Chandrapur				
Unit 3	0.00	21.11	0	0
Unit 4	3.31	31.89	152	126
Unit 5	7.86	79.31	395	290
Unit 6	0.00	0.00	0	0
Unit 7	8.58	76.45	405	283
Unit 8	9.73	90.40	424	377
Unit 9	10.15	93.27	448	311
Total	39.63	392.43		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	4.33	33.39	250	146
Total	4.33	33.39		
Khaparkheda				
Unit 1	3.00	27.12	150	105
Unit 2	3.40	31.22	165	120
Unit 3	3.19	33.41	170	115
Unit 4	3.54	32.70	180	122
Unit 5	10.55	75.91	500	279
Total	23.69	200.36		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	9.93	0	0
Unit 5	3.32	30.99	187	117
Total	3.32	40.91		
Uran				
All Units	5.50	55.81	258	196
Total	5.50	55.81		
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)	0.15	5.34	34	0
Total	0.15	5.34		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.89	29.46	395	40
Stage 4	1.74	11.21	456	0
Stage 3	1.08	8.68	160	0
Total	5.72	49.35		
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.	0.20	1.84	77	0
SMLHY_PTN	4.53	49.12	205	176
GHATGHAR	0.21	2.65	150	0
Total	4.94	55.20		
Wind				
Total	19.70	131.04	0	0
Total	19.70	131.04		
CPP				
APML(Mus)	67.63	583.34	0	0
JSWEL(Mus)	13.37	136.13	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	23.59	177.33	0	0
SWPGPL-Mus	7.86	58.85	0	0
Other(Mus)	27.74	249.90	0	0
Total	140.19	1205.54		
SOLAR				
Total	7.91	74.35	0	0
Total	7.91	74.35		
Tata				
Trombay 5	6.94	70.25	424	268
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.61	18.49	92	60
Trombay 7B	1.23	13.02	60	47
Trombay 8	4.76	45.80	218	162
TATA Hydro	3.73	33.93	371	12
Total	18.27	181.49		
AEML				
DTPS U-1&2	8.70	93.03	480	296
Total	8.70	93.03		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	139.42	1381.47	MSPGCL Total	155.57	1541.83
			MSPGCL Thml+Gas	144.92	1437.28	Koyna 1,2 & 4 Total	4.64	40.67
			MSPGCL Hydro	10.65	104.55	State Total	350.33	3227.29

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/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	5016	241	237	5494	999	4856	0	0	5684	5365	-1205	15509	0	15509	2074	17583	49.98
2	4985	341	247	5573	937	4868	0	0	5652	5524	-1095	15807	0	15807	1931	17738	49.94
3	5372	247	247	5866	938	5180	0	0	5505	4922	-975	15931	0	15931	1839	17770	49.99
4	5381	240	258	5879	948	5270	0	0	5416	5102	-862	16337	0	16337	1753	18090	49.98
5	5541	241	247	6029	1004	5565	0	0	5319	5062	-841	16819	0	16819	1736	18555	49.99
6	5955	262	239	6456	989	6098	0	0	5308	5148	-861	17830	0	17830	1774	19604	50.05
7	6219	336	248	6803	1013	6142	0	24	5457	5266	-865	18383	0	18383	1845	20228	50.03
8	6199	420	258	6877	990	6261	0	208	5430	5771	-906	19201	0	19201	1988	21189	50.05
9	6221	347	236	6804	754	6287	0	535	5574	6021	-999	19402	0	19402	2251	21653	50.02
10	6106	509	234	6849	938	6263	0	868	6363	6501	-1387	20032	0	20032	2523	22555	50.03
11	6310	395	241	6946	1087	6259	0	1068	6981	6890	-1436	20814	0	20814	2721	23535	50.00
12	6095	328	229	6652	973	6130	0	1168	7303	7000	-1491	20432	0	20432	2780	23212	49.94
13	5825	635	209	6669	619	6002	0	1178	7181	7335	-1587	20216	0	20216	2738	22954	49.95
14	5767	544	198	6509	461	6097	0	1073	7052	7019	-1517	19642	0	19642	2630	22272	49.99
15	6056	668	196	6920	325	6242	0	892	7062	7009	-1471	19917	0	19917	2656	22573	49.92
16	6242	892	197	7331	256	6281	0	610	6872	6690	-1391	19777	0	19777	2687	22464	49.91
17	6274	950	198	7422	285	6240	0	246	6034	6261	-1296	19158	0	19158	2682	21840	50.05
18	6184	748	209	7141	405	6271	0	40	5535	5764	-1173	18448	0	18448	2652	21100	50.02
19	6193	883	222	7298	470	6373	0	0	5266	5517	-1094	18564	0	18564	2714	21278	50.05
20	6259	464	234	6957	621	6224	0	0	5556	4997	-1293	17506	0	17506	2609	20115	50.03
21	5602	233	234	6069	893	5933	0	0	5510	5000	-1277	16618	0	16618	2488	19106	49.99
22	5459	243	235	5937	1133	5393	0	0	5504	5099	-1288	16274	0	16274	2355	18629	50.01
23	5307	238	236	5781	1244	5132	0	0	5514	4666	-1306	15517	0	15517	2244	17761	49.99
24	4851	249	207	5307	1420	4820	0	0	5611	4951	-1257	15241	0	15241	2169	17410	49.94
MUs	139.42	10.65	5.50	155.57	19.70	140.19	0.00	7.91	142.69	138.88	-28.87	433.38	0.00	433.38	55.84	489.21	49.99

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/Nov/2021

Position as on 6.30 Hrs of 11/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)	
IPP	Adani U-4	660	10/11/2021	23.58		Continued.	Capital Overhauling	
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	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 10/Nov/2021

Statement-VII

Position as on 6.30 Hrs of 11/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
N.Koyna-Karad -Ckt I	IntraState	09/11/2021	07.52	10/11/2021	09.23	PO	Cold washing work on disc insulator(RFC-18.23).
Khadka-Aurangabad (Waluj)	IntraState	09/11/2021	20.42	10/11/2021	07.52	HT	Over Voltage
N.Koyna-Karad -Ckt II	IntraState	10/11/2021	09.50		Continued.	PO	Cold washing on Disc Insulator (RFC 18.48Hrs)
Khadka-Aurangabad (Waluj)	IntraState	10/11/2021	21.01		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	11/11/2021	00.20		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 300 MVA ICT- I @Koradi	IntraState	10/11/2021	10.51	10/11/2021	21.17	PO	Testing Work
400/220 Kv 315 MVA ICT-II @Chakan	IntraState	10/11/2021	11.36		Continued.	T	NDR Operated
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) - OSMANABAD	InterState	10/11/2021	09.22	10/11/2021	14.21	PO	Line Maintenance work
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.
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.
Sawantwadi-Bidri	IntraState	09/11/2021	21.13	10/11/2021	09.57	HT	Over Voltage
Pedhambe - Oni	IntraState	10/11/2021	06.55	10/11/2021	07.50	HT	Broken Conductor Indication appeared on panel
Bapgaon - Kalwa	IntraState	10/11/2021	09.57	10/11/2021	17.46	PO	Testing Work
Wathar - Mudshingi 3 Line	IntraState	10/11/2021	10.15	10/11/2021	13.45	PO	Quarterly Maintenance Work
Karad - Vita Ckt- II	IntraState	10/11/2021	10.27	10/11/2021	19.23	PO	Alignment of 29B Bus Isolator
Urse - Talegaon (Ambi) Ckt 2	IntraState	10/11/2021	10.45	10/11/2021	16.22	PO	Line Maintenance work
Talandge(400kv)- Ichalkaranji ckt-1	IntraState	10/11/2021	14.20	10/11/2021	16.55	PO	Annual Maintenance Work
Sawantwadi-Bidri	IntraState	10/11/2021	21.09		Continued.	HT	Over Voltage
Trombay-Salsette II	IntraState	10/11/2021	23.34		Continued.	PO	Metro project work
Ghatghar - Jindal	IntraState	10/11/2021	23.54		Continued.	T	Over Current Protection
Ghatghar - Bapgaon	IntraState	10/11/2021	23.54	11/11/2021	01.28	T	Backup Protection
Washala - Ghatghar	IntraState	10/11/2021	23.54	11/11/2021	01.25	T	Distance Protection
Eklahare (Gcr)(Nashik)- Ghatghar	IntraState	10/11/2021	23.54	11/11/2021	01.40	T	Backup Protection
Nalasopara-Boisar	IntraState	11/11/2021	06.10		Continued.	EO	Insulator Replacement Work
220 KV ICT Outages/Trippings							
220/132-110kv 100mva Imp Ptr 1 @Wathar	IntraState	10/11/2021	09.35	10/11/2021	16.15	PO	Quarterly Maintenance Work
220/132 Kv 200 Mva Cgl Ict 1 @Bale (Solapur 2)	IntraState	10/11/2021	10.10	10/11/2021	11.57	PO	Quarterly Maintenance Work

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