

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Nov/2021 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	139.838	139.838	1) Gujrat	-7.356	-7.356
2) Hydro	19.417	19.417	2) Madhya Pradesh	10.577	10.577
3) Gas	7.218	7.218	3) Chattisgarh	7.660	7.660
Total MSPGCL	166.473	166.473	4) Maharashtra	163.063	163.063
B) 1) APML	54.468	54.468	5) Goa (Amona)	-1.256	-1.256
2) JSWEL	13.350	13.350	Total	172.688	172.688
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.417	27.417
4) RPL(AMT)	18.695	18.695	b) Mumbai Drawl	29.947	29.947
5) SWPGPL	3.026	3.026	c) MSEDCL Bilateral *	47.796	47.796
6) Other IPP	22.053	22.053	Include PX	12.997	12.997
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.417	27.417
C) 1) TPCL Thermal	11.765	11.765	Include PX	19.760	19.760
2) TPCL Hydro	4.364	4.364	Standby	0.000	0.000
3) TPCL Gas	4.219	4.219	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.707	9.707	1) MSEDCL	436.826	436.826
D) STATE			2) Mumbai Discoms	60.002	60.002
1) Thermal	272.902	272.902	TOTAL STATE	496.828	496.828
(A1+C1+C4+(B1-B6))					
2) Hydro	23.781	23.781			
(A2+C2)					
3) Gas	11.437	11.437			
(A3+B7+C3)					
4) Wind	8.097	8.097			
6) SOLAR	7.923	7.923			
TOTAL STATE	324.140	324.140			

* 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 4 Hrs
MSPGCL Thermal	5720	6036	6059	5798
MSPGCL Hydro	1259	944	1339	276
MSPGCL Gas	327	284	310	302
MSPGCL Total Generation	7306	7264	7708	6376
Central Sector Receipt	9137	8331	7458	5907
WIND	269	135	415	421
CPP / IPP Thermal	4452	4809	4826	4526
CPP / IPP Gas	0	0	0	0
SOLAR	1070	1132	0	0
Exchange with Mumbai	-1554	-1622	-1278	-870
MSEDCL DEMAND MET	20680	20049	19128	16360
Load Shedding	0	0	0	0
MSEDCL DEMAND	20680	20049	19128	16360
TPCL GENERATION	921	915	1217	595
AEML GENERATION	478	471	351	391
MUMBAI DEMAND	2953	3008	2846	1856
STATE DEMAND MET	23632	23057	21974	18216
STATE DEMAND	23632	23057	21974	18216
Frequency (Hz)	49.97	49.99	50.04	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 05.02 Hrs	49.81 Hz at 10.10 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 01/Nov/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.56	3.56	180	120
Unit 7	0.00	0.00	0	0
Unit 8	13.67	13.67	610	541
Unit 9	12.88	12.88	553	515
Unit 10	12.80	12.80	606	495
Total	42.91	42.91		
Bhusawal				
Unit 3	3.25	3.25	150	120
Unit 4	10.07	10.07	450	350
Unit 5	9.51	9.51	430	350
Total	22.83	22.83		
Parli				
Unit 6	4.24	4.24	219	114
Unit 7	4.30	4.30	227	151
Unit 8	4.35	4.35	210	154
Total	12.89	12.89		
Chandrapur				
Unit 3	0.04	0.04	21	0
Unit 4	3.53	3.53	165	127
Unit 5	9.11	9.11	405	319
Unit 6	0.00	0.00	0	0
Unit 7	8.89	8.89	412	305
Unit 8	9.22	9.22	405	350
Unit 9	10.31	10.31	453	399
Total	41.09	41.09		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Total	0.00	0.00		
Khaparkheda				
Unit 1	2.66	2.66	125	85
Unit 2	3.62	3.62	170	115
Unit 3	3.65	3.65	180	128
Unit 4	3.65	3.65	183	128
Unit 5	0.00	0.00	0	0
Total	13.59	13.59		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.65	3.65	190	117
Unit 5	2.87	2.87	179	0
Total	6.52	6.52		
Uran				
All Units	7.22	7.22	340	206
Total	7.22	7.22		
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)	0.61	0.61	35	19
Total	0.61	0.61		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.50	4.50	430	40
Stage 4	5.82	5.82	590	0
Stage 3	2.19	2.19	240	0
Total	12.50	12.50		
Hydro				
KDPH	0.43	0.43	18	18
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.20	0.20	77	0
SMLHY_PTN	5.03	5.03	222	186
GHATGHAR	1.26	1.26	250	0
Total	6.92	6.92		
Wind				
Total	8.10	8.10	0	0
Total	8.10	8.10		
CPP				
APML(Mus)	54.47	54.47	0	0
JSWEL(Mus)	13.35	13.35	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	18.70	18.70	0	0
SWPGPL-Mus	3.03	3.03	0	0
Other(Mus)	22.05	22.05	0	0
Total	111.59	111.59		
SOLAR				
Total	7.92	7.92	0	0
Total	7.92	7.92		
Tata				
Trombay 5	7.14	7.14	430	269
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.65	2.65	114	100
Trombay 7B	1.57	1.57	67	62
Trombay 8	4.63	4.63	221	147
TATA Hydro	4.36	4.36	409	0
Total	20.35	20.35		
AEML				
DTPS U-1&2	9.71	9.71	478	351
Total	9.71	9.71		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	139.84	139.84	MSPGCL Total	166.47	166.47
			MSPGCL Thml+Gas	147.06	147.06	Koyna 1,2 & 4 Total	10.32	10.32
			MSPGCL Hydro	19.42	19.42	State Total	324.14	324.14

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/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	5300	500	206	6006	374	4409	0	0	6446	6479	-1146	16122	0	16122	2181	18303	50.04
2	5590	275	244	6109	448	4674	0	0	6390	6138	-1042	16328	0	16328	2047	18374	49.99
3	5596	283	283	6162	437	4568	0	0	6217	6071	-940	16298	0	16298	1932	18230	49.95
4	5798	276	302	6376	421	4526	0	0	6035	5907	-870	16360	0	16360	1856	18216	49.96
5	5838	283	340	6461	388	4550	0	0	6443	6347	-846	16900	0	16900	1836	18736	49.94
6	5905	539	329	6773	424	4560	0	0	6902	6708	-883	17582	0	17582	1894	19476	50.00
7	6095	1112	340	7547	342	4508	0	26	6943	6732	-865	18290	0	18290	1955	20245	49.96
8	6073	1385	338	7796	327	4475	0	252	7011	7180	-985	19045	0	19045	2109	21154	49.96
9	6030	984	326	7340	245	4401	0	615	7537	7337	-1218	18720	0	18720	2399	21119	50.02
10	5641	1249	319	7209	233	4296	0	909	8222	8024	-1356	19315	0	19315	2717	22032	49.93
11	5720	1259	327	7306	269	4452	0	1070	9232	9137	-1554	20680	0	20680	2953	23632	49.97
12	5735	746	315	6796	170	4770	0	1192	9167	9086	-1626	20388	0	20388	3039	23427	50.01
13	6036	944	284	7264	135	4809	0	1132	8501	8331	-1622	20049	0	20049	3008	23057	49.99
14	5909	1041	282	7232	94	4820	0	995	8443	8362	-1570	19933	0	19933	2900	22833	50.03
15	5907	1117	282	7306	108	4755	0	864	8888	8654	-1571	20116	0	20116	2924	23040	49.97
16	5908	1227	294	7429	159	4739	0	566	9035	8482	-1531	19844	0	19844	2936	22780	49.95
17	5958	1244	286	7488	250	4715	0	267	8501	7970	-1432	19258	0	19258	2901	22159	49.92
18	5964	1015	286	7265	313	4740	0	35	7462	7118	-1292	18178	0	18178	2850	21028	49.98
19	6059	1339	310	7708	415	4826	0	0	7128	7458	-1278	19128	0	19128	2846	21974	50.04
20	6024	1015	311	7350	470	4851	0	0	7389	6917	-1297	18291	0	18291	2758	21049	50.01
21	5789	379	312	6480	487	4824	0	0	6957	6587	-1271	17107	0	17107	2627	19734	50.01
22	5667	605	323	6595	481	4777	0	0	6297	5730	-1245	16338	0	16338	2523	18861	49.95
23	5666	330	294	6290	552	4812	0	0	6373	6256	-1254	16656	0	16656	2436	19092	49.96
24	5630	270	285	6185	555	4738	0	0	6183	5677	-1253	15902	0	15902	2375	18278	50.00
MUs	139.84	19.42	7.22	166.47	8.10	111.59	0.00	7.92	177.70	172.69	-29.95	436.83	0.00	436.83	60.00	496.83	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 01/Nov/2021

Position as on 6.30 Hrs of 02/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 U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
PGPL	PGPL U1	262	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	
MSPGCL	Nasik Unit 5	210	19/09/2021	20.50	01/11/2021	02.06	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	
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	
IPP	SWPGPL U-4	135	28/10/2021	20.18		Continued.	Bearing vibration high	
MSPGCL	Khaparkheda Unit 5	500	31/10/2021	13.37	02/11/2021	09.23	Boiler Tube Leakage	
MSPGCL	Paras Unit 4	250	31/10/2021	13.45	02/11/2021	07.01	Boiler Tube Leakage	
MSPGCL	Uran Unit B0	120	31/10/2021	21.07	01/11/2021	03.16	Gas Skid Fault.	
IPP	SWPGPL U-2	135	31/10/2021	23.47		Continued.	ID Fan Vibration High.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Nov/2021

Statement-VII

Position as on 6.30 Hrs of 02/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	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).
Ektuni-Taptitanda II	IntraState	01/11/2021	11.59	01/11/2021	15.16	EO	Attending Hot Spot
Karad-Jaigad - I	IntraState	01/11/2021	13.30	01/11/2021	16.47	EO	Attending Hot Spot
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	01/11/2021	14.58	01/11/2021	17.45	EO	To attend hot spot at Yph of C bus isolator towards CT side(HV side).
400/220/33 Kv 315 Mva Ict- 2 @Kharghar	IntraState	01/11/2021	15.06	01/11/2021	18.15	EO	Attending Hot Spot
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	01/11/2021	18.18	01/11/2021	22.32	EO	Attending Hot Spot
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)
WARDHA WARDHA (PG) (DEOLI)	InterState	01/11/2021	11.19	01/11/2021	21.00	EO	CVT leakage at wardha pg end.
Padegaon-Sawangi	IntraState	29/10/2021	08.23		Continued.	PO	Height raising at 1st crossing form LOC no.38 to LOC no41 & 2nd crossing form LOC no.22 to 23 for samruddhi mahamarg crossing (ORC) packing NME.
Talandage - Sawantwadi I	IntraState	01/11/2021	08.30	01/11/2021	19.09	PO	Attending hotspot at tower loc no, 296, 331, 364.
Talandge(400kv)- Ichalkaranji ckt-1	IntraState	01/11/2021	09.03	01/11/2021	10.14	PO	For replacement of flashover insulator string at T.L. No 37 R-Ph found during aerial patrolling.
Talandge(400kv)- Ichalkaranji ckt-2	IntraState	01/11/2021	10.25	01/11/2021	12.21	PO	1) For Quarterly bay maintenance work. 2) Diagnostic testing:- CT C and tan delta testing.
Talandge-Mudshingi Ckt-I	IntraState	01/11/2021	13.03	01/11/2021	18.00	PO	Quarterly maintenance work& Diagnostic testing work.
Mumewadi -Halkarni ckt-I	IntraState	01/11/2021	22.44	01/11/2021	23.40	T	Distance Protection

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