

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/Nov/2021 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	139.275	3992.661	1) Gujrat	-5.684	-174.719
2) Hydro	5.853	281.103	2) Madhya Pradesh	4.741	169.034
3) Gas	3.816	145.807	3) Chattisgarh	6.160	91.770
Total MSPGCL	148.944	4419.571	4) Maharashtra	134.851	4291.703
B) 1) APLM	53.302	1481.453	5) Goa (Amona)	-0.964	-43.137
2) JSWEL	14.053	382.790	Total	139.104	4334.651
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.664	806.798
4) RPL(AMT)	20.319	595.095	b) Mumbai Drawl	27.003	803.159
5) SWPGPL	6.773	201.115	c) MSEDCL Bilateral *	38.521	1258.304
6) Other IPP	37.346	849.048	Include PX	1.542	233.168
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.664	806.766
C) 1) TPCL Thermal	10.866	352.432	Include PX	11.286	466.516
2) TPCL Hydro	3.761	115.631	Standby	0.000	0.032
3) TPCL Gas	2.301	87.891	H) ENERGY CATERED (MUs)		
4) AEML Thermal	7.572	275.733	1) MSEDCL	421.490	11997.862
D) STATE			2) Mumbai Discoms	51.503	1634.844
1) Thermal	289.506	8130.327	TOTAL STATE	472.993	13632.706
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	9.614	396.734			
3) Gas (A3+B7+C3)	6.117	233.698			
4) Wind	20.196	352.232			
6) SOLAR	8.456	185.066			
TOTAL STATE	333.889	9298.057			

* 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	5716	5556	6393	4873
MSPGCL Hydro	301	307	306	210
MSPGCL Gas	241	208	97	143
MSPGCL Total Generation	6258	6071	6796	5226
Central Sector Receipt	6321	6498	5409	5458
WIND	987	754	766	1216
CPP / IPP Thermal	5913	5362	6243	4585
CPP / IPP Gas	0	0	0	0
SOLAR	1125	1249	4	0
Exchange with Mumbai	-828	-1085	-1043	-1303
MSEDCL DEMAND MET	19776	18849	18175	15182
Load Shedding	0	0	0	0
MSEDCL DEMAND	19776	18849	18175	15182
TPCL GENERATION	1065	862	944	576
AEML GENERATION	348	312	322	286
MUMBAI DEMAND	2241	2259	2309	2165
STATE DEMAND MET	22017	21108	20484	17347
STATE DEMAND	22017	21108	20484	17347
Frequency (Hz)	49.96	50.03	50.04	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.27 Hz at 06:02 Hrs	49.78 Hz at 09:21 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 28/Nov/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.08	95.71	190	110
Unit 7	0.00	0.00	0	0
Unit 8	13.51	247.33	623	380
Unit 9	4.52	352.99	602	0
Unit 10	13.17	355.99	608	383
Total	34.28	1052.02		
Bhusawal				
Unit 3	3.09	77.19	170	115
Unit 4	7.78	248.47	445	280
Unit 5	7.42	262.25	440	275
Total	18.30	587.91		
Parli				
Unit 6	3.93	64.08	216	156
Unit 7	3.77	111.80	238	140
Unit 8	3.82	114.88	186	150
Total	11.52	290.76		
Chandrapur				
Unit 3	0.00	55.43	0	0
Unit 4	3.19	87.84	150	121
Unit 5	8.33	226.38	385	293
Unit 6	0.96	0.96	160	0
Unit 7	8.02	217.36	370	287
Unit 8	9.51	260.68	430	348
Unit 9	10.20	270.80	444	347
Total	40.20	1119.44		
Paras				
Unit 3	3.60	61.21	215	135
Unit 4	3.66	112.06	218	138
Total	7.26	173.27		
Khaparkheda				
Unit 1	2.98	77.39	150	115
Unit 2	2.89	89.12	130	115
Unit 3	3.20	90.95	157	120
Unit 4	3.14	95.24	157	124
Unit 5	9.57	261.40	485	275
Total	21.79	614.11		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	2.95	59.64	138	116
Unit 5	2.98	95.51	158	117
Total	5.93	155.15		
Uran				
All Units	3.82	145.81	244	90
Total	3.82	145.81		
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)	0.00	7.25	0	0
Total	0.00	7.25		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.12	79.17	60	40
Stage 4	0.00	34.22	0	0
Stage 3	0.15	24.84	96	0
Total	1.26	138.22		
Hydro				
KDPH	0.00	1.58	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.60	0	0
BHIRA T.R.	0.30	6.58	80	0
SMLHY_PTN	4.29	131.46	183	165
GHATGHAR	0.00	2.65	0	0
Total	4.59	142.88		
Wind				
Total	20.20	352.23	0	0
Total	20.20	352.23		
CPP				
APML(Mus)	53.30	1481.45	0	0
JSWEL(Mus)	14.05	382.79	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	20.32	595.10	0	0
SWPGPL-Mus	6.77	201.12	0	0
Other(Mus)	37.35	849.05	0	0
Total	131.79	3509.50		
SOLAR				
Total	8.46	185.07	0	0
Total	8.46	185.07		
Tata				
Trombay 5	6.69	219.70	458	251
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.26	52.26	61	49
Trombay 7B	1.04	35.63	49	40
Trombay 8	4.18	132.74	219	134
TATA Hydro	3.76	115.63	352	0
Total	16.93	555.95		
AEMIL				
DTPS U-1&2	7.57	275.73	382	284
Total	7.57	275.73		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	139.28	3992.66	MSPGCL Total	148.94	4419.57
			MSPGCL Thml+Gas	143.09	4138.47	Koyna 1,2 & 4 Total	1.12	113.39
			MSPGCL Hydro	5.85	281.10	State Total	333.89	9298.06

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/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	5498	225	152	5875	782	5071	0	0	6022	5790	-1411	16107	0	16107	2289	18396	49.98
2	5393	223	153	5769	768	5086	0	0	5999	5894	-1318	16199	0	16199	2156	18355	49.95
3	5527	229	144	5900	790	5081	0	0	5902	5560	-1201	16130	0	16130	2032	18162	50.01
4	5694	223	144	6061	822	5068	0	0	5817	5519	-1108	16362	0	16362	1950	18312	50.01
5	5932	226	143	6301	888	5103	0	0	5847	5640	-1087	16845	0	16845	1916	18761	50.03
6	6245	231	142	6618	1019	5283	0	0	5923	5821	-1115	17626	0	17626	1939	19565	50.02
7	6431	221	142	6794	1052	5876	0	15	5925	5410	-1091	18056	0	18056	1943	19999	50.06
8	6493	239	216	6948	985	6135	0	201	5651	5402	-912	18759	0	18759	1941	20700	49.98
9	6141	222	244	6607	896	5796	0	580	6086	6026	-1049	18856	0	18856	2010	20866	49.97
10	5878	229	201	6308	848	5852	0	897	6627	6428	-1078	19255	0	19255	2135	21390	49.90
11	5716	301	241	6258	987	5913	0	1125	6793	6321	-828	19776	0	19776	2241	22017	49.96
12	5699	297	229	6225	859	5573	0	1226	6973	6363	-927	19319	0	19319	2265	21584	50.03
13	5556	307	208	6071	754	5362	0	1249	6980	6498	-1085	18849	0	18849	2259	21108	50.03
14	5605	226	118	5949	527	5160	0	1180	6949	6612	-1123	18305	0	18305	2208	20513	50.05
15	5612	222	90	5924	437	5345	0	982	6951	7165	-1139	18714	0	18714	2188	20902	50.03
16	5746	238	100	6084	464	5787	0	681	6737	6806	-1104	18718	0	18718	2160	20878	50.05
17	6302	222	90	6614	497	6098	0	271	5933	5632	-987	18125	0	18125	2138	20263	50.02
18	6529	233	90	6852	609	6164	0	45	5744	5119	-940	17849	0	17849	2166	20015	50.03
19	6393	306	97	6796	766	6243	0	4	5766	5409	-1043	18175	0	18175	2309	20484	50.04
20	6129	364	164	6657	943	6080	0	0	5845	4837	-1131	17386	0	17386	2325	19711	49.97
21	5572	228	221	6021	1069	5304	0	0	5865	5109	-1270	16233	0	16233	2295	18528	50.01
22	5306	220	202	5728	1113	5012	0	0	5848	5056	-1398	15511	0	15511	2268	17779	50.07
23	5005	211	142	5358	1105	4816	0	0	5646	5229	-1355	15153	0	15153	2205	17358	50.01
24	4873	210	143	5226	1216	4585	0	0	5505	5458	-1303	15182	0	15182	2165	17347	50.01
MUs	139.28	5.85	3.82	148.94	20.20	131.79	0.00	8.46	147.33	139.10	-27.00	421.49	0.00	421.49	51.50	472.99	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 28/Nov/2021

Position as on 6.30 Hrs of 29/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 6	500	17/10/2021	18.40	28/11/2021	17.19	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	
IPP	JSW (J) U2	300	19/11/2021	01.26		Continued.	Zero schedule.	
MSPGCL	Koyana STG-IV Unit-4	250	22/11/2021	09.55		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)	
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	Uran Unit 5	108	07/11/2021	23.28		Continued.	Turbine problem.	
IPP	RPL(AMT) U-4	270	16/11/2021	00.00		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 3	210	23/11/2021	12.02		Continued.	ID Fan Problem	
MSPGCL	Uran Unit 6	108	28/11/2021	00.15	28/11/2021	07.02	Gas shortage	
MSPGCL	Koradi Unit 9	660	28/11/2021	09.01		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit B0	120	28/11/2021	13.20	28/11/2021	20.15	Gas shortage	
MSPGCL	Uran Unit 8	108	28/11/2021	13.20	28/11/2021	18.24	Gas shortage	
MSPGCL	Uran Unit 6	108	28/11/2021	22.00	29/11/2021	07.56	Gas shortage	
MSPGCL	Parli Unit 7	250	28/11/2021	23.57		Continued.	Zero Schedule.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 28/Nov/2021

Statement-VII

Position as on 6.30 Hrs of 29/Nov/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	22/11/2021	16.33	28/11/2021	22.12	PO	Annual Maintenance Work Of HVDC Pole 2 equipment & line.
Chandrapur - Padghe Hvdc Pole 1	IntraState	26/11/2021	14.30		Continued.	PO	Annual Maintenance Work
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
Jaigad-Karad Ckt-I	IntraState	28/11/2021	03.11	28/11/2021	11.10	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	28/11/2021	21.43		Continued.	T	Over Voltage
Jaigad-Karad Ckt-II	IntraState	29/11/2021	00.04		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	29/11/2021	00.06		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)
Tillari Amona	InterState	28/11/2021	02.17	28/11/2021	07.48	T	Over Voltage
Boisar Tarapur	InterState	28/11/2021	02.30	28/11/2021	02.54	HT	To transfer auxiliary bus to main bus.
Mahalakshmi Amona	InterState	28/11/2021	02.41	28/11/2021	07.38	T	Over Voltage
Borivali - Tarapur	InterState	28/11/2021	03.24	29/11/2021	01.08	T	Distance Protection
Kandalgaon - ONGC Panvel	IntraState	28/11/2021	09.23	28/11/2021	18.41	PO	Replacement of earth wire
PANDHARPUR BHALVANI	IntraState	28/11/2021	10.50	28/11/2021	18.08	EO	Replacement of R-Ph CT
Mahad-Kandalgaon	IntraState	28/11/2021	21.05	28/11/2021	21.30	T	Distance Protection
Sawantwadi-Bidri	IntraState	28/11/2021	23.45	29/11/2021	08.28	HT	Over Voltage
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Cgl Ict 1 @Boisar-li	IntraState	26/11/2021	10.12		Continued.	PO	Bay Maintenance work(after outage while charging at 15.03Hrs Y Phase HV/LV Bushing Blast)
220/66 Kv 150 Mva Emco Ict 2 @Gadchandur	IntraState	28/11/2021	13.15	28/11/2021	16.50	T	Differential protection.

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