

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Nov/2021 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	137.283	4129.944	1) Gujrat	-5.668	-180.387
2) Hydro	7.419	288.522	2) Madhya Pradesh	5.509	174.543
3) Gas	3.841	149.648	3) Chattisgarh	5.760	97.530
Total MSPGCL	148.543	4568.114	4) Maharashtra	140.331	4432.034
B) 1) APLM	55.039	1536.492	5) Goa (Amona)	-1.996	-45.133
2) JSWEL	13.820	396.610	Total	143.936	4478.587
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.777	836.575
4) RPL(AMT)	21.434	616.529	b) Mumbai Drawl	31.327	834.486
5) SWPGPL	7.713	208.828	c) MSEDCL Bilateral *	38.472	1296.776
6) Other IPP	37.607	886.655	Include PX	0.050	233.218
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.777	836.543
C) 1) TPCL Thermal	11.521	363.953	Include PX	12.717	479.233
2) TPCL Hydro	5.124	120.755	Standby	0.000	0.032
3) TPCL Gas	2.264	90.155	H) ENERGY CATERED (MUs)		
4) AEML Thermal	7.403	283.136	1) MSEDCL	422.591	12420.453
D) STATE			2) Mumbai Discoms	57.639	1692.483
1) Thermal	291.820	8422.147	TOTAL STATE	480.230	14112.936
(A1+C1+C4+(B1-B6))					
2) Hydro	12.543	409.277			
(A2+C2)					
3) Gas	6.105	239.803			
(A3+B7+C3)					
4) Wind	20.307	372.539			
6) SOLAR	5.519	190.585			
TOTAL STATE	336.294	9634.351			

* 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	6409	5919	6347	4848
MSPGCL Hydro	384	243	694	215
MSPGCL Gas	235	222	128	144
MSPGCL Total Generation	7028	6384	7169	5207
Central Sector Receipt	6854	6744	5729	5126
WIND	869	808	558	1092
CPP / IPP Thermal	6198	5952	6183	4823
CPP / IPP Gas	0	0	0	0
SOLAR	812	863	0	0
Exchange with Mumbai	-1444	-1533	-1238	-969
MSEDCL DEMAND MET	20317	19218	18401	15279
Load Shedding	0	0	0	0
MSEDCL DEMAND	20317	19218	18401	15279
TPCL GENERATION	1048	1012	1148	510
AEML GENERATION	296	299	434	284
MUMBAI DEMAND	2788	2844	2820	1763
STATE DEMAND MET	23105	22062	21221	17042
STATE DEMAND	23105	22062	21221	17042
Frequency (Hz)	50.00	50.05	50.03	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 12.00 Hrs	49.76 Hz at 06.55 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 29/Nov/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.48	99.19	185	110
Unit 7	0.00	0.00	0	0
Unit 8	13.29	260.62	632	356
Unit 9	0.00	352.99	0	0
Unit 10	13.16	369.15	625	388
Total	29.93	1081.94		
Bhusawal				
Unit 3	3.25	80.44	165	120
Unit 4	8.88	257.36	470	280
Unit 5	8.63	270.88	455	275
Total	20.76	608.68		
Parli				
Unit 6	4.22	68.30	240	132
Unit 7	0.00	111.80	0	0
Unit 8	4.08	118.97	204	152
Total	8.31	299.07		
Chandrapur				
Unit 3	0.00	55.43	0	0
Unit 4	3.08	90.92	145	50
Unit 5	8.00	234.38	380	290
Unit 6	2.95	3.91	270	0
Unit 7	7.98	225.34	370	285
Unit 8	9.96	270.63	438	326
Unit 9	9.75	280.55	449	305
Total	41.72	1161.16		
Paras				
Unit 3	4.18	65.39	230	135
Unit 4	4.25	116.30	230	138
Total	8.43	181.69		
Khaparkheda				
Unit 1	3.10	80.50	150	110
Unit 2	2.88	92.00	125	105
Unit 3	3.08	94.03	141	111
Unit 4	3.08	98.33	136	120
Unit 5	9.86	271.26	480	285
Total	22.00	636.11		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.01	62.64	139	118
Unit 5	3.14	98.65	182	117
Total	6.14	161.29		
Uran				
All Units	3.84	149.65	236	128
Total	3.84	149.65		
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)	0.11	7.36	40	0
Total	0.11	7.36		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.40	81.58	320	40
Stage 4	0.14	34.36	138	0
Stage 3	0.79	25.62	160	0
Total	3.33	141.55		
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.	0.28	6.86	80	0
SMLHY_PTN	3.81	135.27	166	147
GHATGHAR	0.00	2.65	0	0
Total	4.09	146.97		
Wind				
Total	20.31	372.54	0	0
Total	20.31	372.54		
CPP				
APML(Mus)	55.04	1536.49	0	0
JSWEL(Mus)	13.82	396.61	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	21.43	616.53	0	0
SWPGPL-Mus	7.71	208.83	0	0
Other(Mus)	37.61	886.66	0	0
Total	135.61	3645.11		
SOLAR				
Total	5.52	190.58	0	0
Total	5.52	190.58		
Tata				
Trombay 5	7.04	226.73	404	252
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.25	53.51	65	40
Trombay 7B	1.02	36.64	50	25
Trombay 8	4.49	137.22	220	144
TATA Hydro	5.12	120.76	435	0
Total	18.91	574.86		
AEML				
DTPS U-1&2	7.40	283.14	434	282
Total	7.40	283.14		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	137.28	4129.94	MSPGCL Total	148.54	4568.11
			MSPGCL Thml+Gas	141.12	4279.59	Koyna 1,2 & 4 Total	2.54	115.93
			MSPGCL Hydro	7.42	288.52	State Total	336.29	9634.35

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/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	4654	215	141	5010	1188	4532	0	0	5398	5512	-1262	14980	0	14980	2072	17052	50.06
2	4807	206	144	5157	1282	4787	0	0	5291	5348	-1152	15422	0	15422	1949	17371	50.01
3	4774	216	143	5133	1251	4657	0	0	5454	5260	-1041	15260	0	15260	1841	17101	50.00
4	4848	215	144	5207	1092	4823	0	0	5344	5126	-969	15279	0	15279	1763	17042	50.02
5	5109	208	142	5459	999	5015	0	0	5288	5519	-954	16038	0	16038	1747	17785	50.01
6	5423	283	144	5850	989	5273	0	0	5732	5881	-996	16997	0	16997	1799	18796	49.95
7	5858	456	143	6457	937	5893	0	2	5710	5568	-1017	17840	0	17840	1885	19725	49.93
8	6299	503	163	6965	922	6303	0	129	5776	5839	-1084	19074	0	19074	2042	21116	49.99
9	6182	382	218	6782	843	6181	0	378	6263	6371	-1245	19310	0	19310	2321	21631	49.99
10	6176	500	236	6912	893	6133	0	634	6631	6577	-1362	19787	0	19787	2580	22367	50.01
11	6409	384	235	7028	869	6198	0	812	6922	6854	-1444	20317	0	20317	2788	23105	50.00
12	6402	274	224	6900	784	6200	0	882	7117	6802	-1522	20046	0	20046	2860	22906	50.05
13	5919	243	222	6384	808	5952	0	863	7057	6744	-1533	19218	0	19218	2844	22062	50.05
14	5815	201	138	6154	693	5955	0	721	6929	7025	-1481	19067	0	19067	2755	21822	50.06
15	6050	193	137	6380	586	6005	0	589	7105	7099	-1551	19108	0	19108	2804	21912	50.02
16	6212	202	138	6552	473	6082	0	348	7159	7086	-1602	18939	0	18939	2838	21777	49.95
17	6362	369	139	6870	401	6167	0	141	6410	6442	-1470	18551	0	18551	2815	21366	50.02
18	6311	478	139	6928	397	6222	0	20	5877	5744	-1265	18046	0	18046	2791	20837	50.01
19	6347	694	128	7169	558	6183	0	0	5872	5729	-1238	18401	0	18401	2820	21221	50.03
20	6270	310	151	6731	686	6230	0	0	5747	5398	-1334	17711	0	17711	2693	20404	50.00
21	5483	210	142	5835	795	5889	0	0	5701	5397	-1426	16490	0	16490	2554	19044	49.98
22	5177	259	144	5580	993	5123	0	0	5739	5734	-1475	15955	0	15955	2442	18397	50.00
23	5279	214	143	5636	938	5012	0	0	5626	5302	-1453	15435	0	15435	2341	17776	50.00
24	5117	204	143	5464	930	4798	0	0	5606	5579	-1451	15320	0	15320	2295	17615	49.99
MUs	137.28	7.42	3.84	148.54	20.31	135.61	0.00	5.52	145.75	143.94	-31.33	422.59	0.00	422.59	57.64	480.23	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 29/Nov/2021

Position as on 6.30 Hrs of 30/Nov/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
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	Koradi Unit 9	660	28/11/2021	09.01		Continued.	Boiler Tube Leakage	
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.	
MSPGCL	Uran Unit 6	108	29/11/2021	13.03		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 6	500	29/11/2021	15.03	29/11/2021	21.40	UAT 6C Buchholz relay	
TPC-G	Trombay 7B	60	29/11/2021	23.45		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	29/11/2021	23.51		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/Nov/2021

Statement-VII

Position as on 6.30 Hrs of 30/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 1	IntraState	26/11/2021	14.30	29/11/2021	23.29	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
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	29/11/2021	09.35	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv, 500 MVA ICT-II @Deepnagar	IntraState	29/11/2021	13.07	29/11/2021	19.01	PO	Tan Delta Measurment of CTs
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)
Borivali - Tarapur	InterState	28/11/2021	03.24	29/11/2021	01.08	T	Distance Protection
Sawantwadi-Bidri	IntraState	28/11/2021	23.45	29/11/2021	08.28	HT	Over Voltage
Talandge(400kv)- Sawantwadi(Insuli)	IntraState	29/11/2021	09.03	29/11/2021	16.07	PO	Bay Maintenance work
Arey - TPC Borivali	IntraState	29/11/2021	09.22		Continued.	PO	Under MMRC Line Diversion scheme for Metro-3 project 220kV Outdoor termination of 220kV AEML Aarey and overhead connection at MMRC pylon yard.
Kandalgaon - ONGC Panvel	IntraState	29/11/2021	09.30	29/11/2021	19.07	PO	Replacement of existing earthwire by new OPGW from Loc no. 603 to 640.
Uran - Jnpt	IntraState	29/11/2021	09.36	29/11/2021	13.30	PO	Installation of bird guard at suspension locations and routine maintenance work.
Peth- Mudshingi -I	IntraState	29/11/2021	10.10	29/11/2021	14.03	PO	Diagnostic testing work & Q.M work.
Bus Coupler @ Koradi	IntraState	29/11/2021	10.21	29/11/2021	17.03	PO	CT TAN delta measurement
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Cgl Ict 1 @Boisar-Ii	IntraState	26/11/2021	10.12		Continued.	PO	Bay Maintenance work(after outage while charging at 15.03Hrs Y Phase HV/LV Bushing Blast)
220/132kv 100mva Ptr 1 @Kharepatan	IntraState	29/11/2021	07.11	29/11/2021	15.16	PO	Quarterly Maintainance Work
220/66 Kv 150 Mva Emco Ict 2 @Gadchandur	IntraState	29/11/2021	09.10	29/11/2021	15.45	PO	LA replacement.
220/100 kV 200 MVA ICT II @Padghe	IntraState	29/11/2021	10.45	29/11/2021	23.44	PO	1. For Attending Hotspot 2. Retrofitting of REF relay for MTAMC work 3. Diagnostic Testing Work.
220/100 Kv 200 MVA ICT-I @Borivali	IntraState	29/11/2021	12.07	29/11/2021	16.49	PO	Diagnostic testing, SFRA.
220/132 Kv Ict 1 200 Mva @Parbhani	IntraState	29/11/2021	15.25	29/11/2021	22.40	EO	To attend Hot Spot

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