

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Nov/2021 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	146.847	3265.759	1) Gujrat	-6.973	-141.672
2) Hydro	8.898	245.586	2) Madhya Pradesh	5.677	140.646
3) Gas	5.195	120.546	3) Chattisgarh	0.000	72.220
Total MSPGCL	160.940	3631.891	4) Maharashtra	164.344	3543.933
B) 1) APLM	54.793	1199.073	5) Goa (Amona)	-1.691	-35.625
2) JSWEL	12.959	310.978	Total	161.357	3579.502
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.096	652.607
4) RPL(AMT)	21.954	482.556	b) Mumbai Drawl	29.166	656.457
5) SWPGPL	7.342	164.104	c) MSEDCL Bilateral *	43.742	1055.192
6) Other IPP	34.125	668.668	Include PX	6.711	220.640
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	31.096	652.575
C) 1) TPCL Thermal	14.691	284.547	Include PX	16.878	386.839
2) TPCL Hydro	5.588	89.771	Standby	0.000	0.032
3) TPCL Gas	2.358	75.089	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.179	225.952	1) MSEDCL	433.688	9829.883
D) STATE			2) Mumbai Discoms	62.982	1331.815
1) Thermal	303.890	6601.637	TOTAL STATE	496.670	11161.698
(A1+C1+C4+(B1-B6))					
2) Hydro	14.486	335.357			
(A2+C2)					
3) Gas	7.553	195.635			
(A3+B7+C3)					
4) Wind	2.779	301.581			
6) SOLAR	6.605	147.987			
TOTAL STATE	335.313	7582.197			

* 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 16 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6246	6314	6545	5774
MSPGCL Hydro	393	239	1035	235
MSPGCL Gas	229	198	238	242
MSPGCL Total Generation	6868	6751	7818	6251
Central Sector Receipt	7748	7659	6621	5868
WIND	59	51	62	138
CPP / IPP Thermal	5283	5460	6123	4820
CPP / IPP Gas	0	0	0	0
SOLAR	967	504	0	0
Exchange with Mumbai	-1317	-1372	-1242	-1054
MSEDCL DEMAND MET	19608	19053	19382	16022
Load Shedding	0	0	0	0
MSEDCL DEMAND	19608	19053	19382	16022
TPCL GENERATION	1238	1223	1238	588
AEML GENERATION	501	500	501	405
MUMBAI DEMAND	3056	3095	2981	2047
STATE DEMAND MET	22664	22148	22363	18070
STATE DEMAND	22664	22148	22363	18070
Frequency (Hz)	49.99	49.99	49.88	49.91

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 15.04 Hrs	49.66 Hz at 17.43 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 23/Nov/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.30	78.92	175	120
Unit 7	0.00	0.00	0	0
Unit 8	15.53	175.03	660	611
Unit 9	14.00	298.49	622	540
Unit 10	13.42	288.46	571	548
Total	46.25	840.91		
Bhusawal				
Unit 3	0.00	70.28	0	0
Unit 4	9.67	206.77	470	280
Unit 5	9.36	223.70	455	280
Total	19.03	500.76		
Parli				
Unit 6	0.00	53.06	0	0
Unit 7	3.52	92.44	173	137
Unit 8	3.90	95.17	201	150
Total	7.42	240.68		
Chandrapur				
Unit 3	1.12	55.43	128	0
Unit 4	3.12	72.38	155	120
Unit 5	7.44	185.39	330	295
Unit 6	0.00	0.00	0	0
Unit 7	7.16	181.10	311	288
Unit 8	9.38	212.96	400	350
Unit 9	9.88	220.28	440	337
Total	38.10	927.55		
Paras				
Unit 3	3.99	41.23	235	139
Unit 4	3.86	92.07	238	141
Total	7.86	133.29		
Khaparkheda				
Unit 1	2.94	62.32	160	110
Unit 2	3.26	74.02	170	120
Unit 3	3.37	74.76	175	121
Unit 4	3.21	79.00	177	120
Unit 5	8.75	210.98	425	285
Total	21.53	501.09		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.06	44.13	143	118
Unit 5	3.59	77.37	190	117
Total	6.66	121.49		
Uran				
All Units	5.20	120.55	243	141
Total	5.20	120.55		
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)	0.04	7.12	23	0
Total	0.04	7.12		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.67	70.26	460	40
Stage 4	0.54	33.46	307	0
Stage 3	0.71	22.69	150	0
Total	3.92	126.41		
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.	0.33	5.00	80	0
SMLHY_PTN	4.64	109.94	204	184
GHATGHAR	0.00	2.65	0	0
Total	4.98	119.18		
Wind				
Total	2.78	301.58	0	0
Total	2.78	301.58		
CPP				
APML(Mus)	54.79	1199.07	0	0
JSWEL(Mus)	12.96	310.98	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	21.95	482.56	0	0
SWPGPL-Mus	7.34	164.10	0	0
Other(Mus)	34.12	668.67	0	0
Total	131.17	2825.38		
SOLAR				
Total	6.60	147.99	0	0
Total	6.60	147.99		
Tata				
Trombay 5	9.61	176.00	482	254
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.45	45.03	117	0
Trombay 7B	0.91	30.06	62	0
Trombay 8	5.08	108.54	219	177
TATA Hydro	5.59	89.77	447	0
Total	22.64	449.41		
AEMIL				
DTPS U-1&2	11.18	225.95	502	382
Total	11.18	225.95		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	146.85	3265.76	MSPGCL Total	160.94	3631.89
			MSPGCL Thml+Gas	152.04	3386.30	Koyna 1,2 & 4 Total	3.22	103.71
			MSPGCL Hydro	8.90	245.59	State Total	335.31	7582.20

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/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	5741	237	232	6210	144	5014	0	0	6449	6396	-1410	16354	0	16354	2349	18703	49.97
2	5758	246	232	6236	137	4885	0	0	6463	6229	-1212	16275	0	16275	2184	18459	49.97
3	5774	235	242	6251	138	4820	0	0	6300	5868	-1054	16022	0	16022	2047	18070	49.91
4	5878	244	243	6365	192	4862	0	0	6208	5803	-1030	16192	0	16192	1959	18150	49.99
5	5958	238	243	6439	256	5041	0	0	6232	6014	-937	16813	0	16813	1938	18751	50.01
6	6092	283	243	6618	270	5410	0	0	6411	6111	-997	17412	0	17412	1993	19404	49.99
7	6074	400	243	6717	234	5744	0	17	6636	6342	-1059	17994	0	17994	2063	20058	49.99
8	6402	574	234	7210	225	6030	0	143	6428	6515	-1076	19047	0	19047	2232	21279	50.03
9	6575	325	232	7132	91	6010	0	504	6837	6393	-1128	19002	0	19002	2510	21512	50.07
10	6262	240	231	6733	85	5706	0	786	7695	7229	-1137	19402	0	19402	2839	22241	50.03
11	6246	393	229	6868	59	5283	0	967	8094	7748	-1317	19608	0	19608	3056	22664	49.99
12	5902	582	237	6721	53	5190	0	935	8280	7707	-1383	19223	0	19223	3116	22339	49.93
13	5662	606	187	6455	40	4839	0	949	8343	8111	-1381	19013	0	19013	3111	22124	50.00
14	5579	300	197	6076	48	4832	0	784	8304	8206	-1301	18645	0	18645	3027	21672	50.04
15	5883	229	186	6298	44	4951	0	749	8337	8335	-1335	19042	0	19042	3069	22111	50.02
16	6314	239	198	6751	51	5460	0	504	7996	7659	-1372	19053	0	19053	3095	22148	49.99
17	6281	230	208	6719	66	5906	0	239	7515	7092	-1327	18695	0	18695	3051	21746	50.01
18	6461	350	197	7008	45	6096	0	28	6764	6525	-1241	18461	0	18461	2981	21442	49.85
19	6545	1035	238	7818	62	6123	0	0	6757	6621	-1242	19382	0	19382	2981	22363	49.88
20	6565	697	230	7492	100	6114	0	0	6712	6584	-1202	19088	0	19088	2885	21972	50.01
21	6481	361	230	7072	64	6028	0	0	6424	5943	-1203	17904	0	17904	2733	20637	50.02
22	6176	320	191	6687	102	5795	0	0	6464	5955	-1253	17286	0	17286	2631	19917	50.00
23	6102	290	141	6533	109	5572	0	0	6300	6090	-1280	17024	0	17024	2571	19594	49.92
24	6136	244	151	6531	164	5465	0	0	6423	5881	-1289	16752	0	16752	2561	19313	49.99
MUs	146.85	8.90	5.20	160.94	2.78	131.17	0.00	6.61	168.37	161.36	-29.17	433.69	0.00	433.69	62.98	496.67	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 23/Nov/2021

Position as on 6.30 Hrs of 24/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		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	
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 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	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	Parli Unit 6	250	17/11/2021	14.37		Continued.	Clinker formation	
MSPGCL	Bhusawal Unit 3	210	21/11/2021	11.06		Continued.	Withdrawn due to Drum Pressure Sensing line leakage attending work.	
MSPGCL	Uran Unit 6	108	21/11/2021	18.45	23/11/2021	00.01	Gas shortage	
TPC-G	Trombay 7B	60	22/11/2021	22.52	23/11/2021	03.53	Gas shortage	
TPC-G	Trombay 7A	120	22/11/2021	22.58	23/11/2021	01.01	Gas shortage	
MSPGCL	Chandrapur Unit 3	210	23/11/2021	12.02		Continued.	ID Fan Problem	
MSPGCL	Uran Unit 6	108	23/11/2021	21.48		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Nov/2021

Statement-VII

Position as on 6.30 Hrs of 24/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		Continued.	PO	Annual Maintenance Work Of HVDC Pole 2 equipment & line.
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
Koradi Bhilai	InterState	13/11/2021	09.49		Continued.	PO	Work At Bhilai end.
Pune(GIS)-A'bad(Waluj) Ckt 1	IntraState	15/11/2021	10.18	23/11/2021	13.49	HT	To control Mumbai line loading.
Jejuri- Koynastage-IV	IntraState	22/11/2021	22.50	23/11/2021	01.54	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)
Boisar Tarapur	InterState	23/11/2021	08.51	23/11/2021	10.58	HT	Zone 1To zone 3 transfer Tarapur end.
EKLAHARE (OCR) Nasik Navsari II	InterState	23/11/2021	09.18	23/11/2021	17.50	PO	Annual Maintenance Work
REL Borivali Aarey Line	IntraState	18/11/2021	09.20		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.
Pophali - Nerale	IntraState	23/11/2021	03.05	23/11/2021	14.20	T	Distance Protection
Kandalgaon - ONGC Panvel	IntraState	23/11/2021	08.51	23/11/2021	18.37	PO	For replacement of exiting earth wire by new OPGW from loc no. 603 to 640.
Badnera - Nandgaonpeth	IntraState	23/11/2021	09.10	23/11/2021	17.19	PO	THE BELOW WORK WILL BE CARRIED OUT DURING OUTAGE PERIOD1) MEASUREMENT OF C & TAN DELTA, IR OF CC, CRM, TIMING & IR OF CB 2) OTHER ROUTINE MAINTENANCE WORK.
Pedambe-Nerle	IntraState	23/11/2021	09.45	23/11/2021	21.35	T	Distance Protection
Nigade- Peth Line	IntraState	23/11/2021	10.03	23/11/2021	17.23	PO	Testing Work
Hinjawadi I- Chinchwad	IntraState	23/11/2021	10.42	23/11/2021	18.20	PO	Attending the dead end fault/hot spots on R and Y phase at tower location 158 A by changing a piece of conductor and dead end.
Paras-Balapur Iv	IntraState	23/11/2021	11.05	23/11/2021	14.21	PO	C AND TAN DELTA TEST OF CT AND CC. CB CRM/TIMING AND OTHER MAINTENANCE WORK.
Kanhan-Umred 1	IntraState	23/11/2021	11.10	23/11/2021	14.47	PO	FOR TAN-DELTA OF CT ALONG WITH GENERAL MAINTENANCE.
Butibori - Purti	IntraState	23/11/2021	12.20	23/11/2021	14.45	PO	FOR REPLACEMENT OF FAULTY MFM METER.
Uran - Kharghar I	IntraState	23/11/2021	13.56	23/11/2021	15.50	EO	Attending Hot Spot
220 KV ICT Outages/Trippings							
220/33 Kv 50 Mva Emco Ptr 1 @Kharghar	IntraState	23/11/2021	09.35	23/11/2021	20.00	PO	Attending Oil Leakage
220/132Kv 200MVA ICT-I @ Akola	IntraState	23/11/2021	10.01	23/11/2021	17.50	PO	DIAGNOSTIC TESTING WORK.
220/132kv 100MVA ICT @ KALWAN (BHENDI)	IntraState	23/11/2021	10.26	23/11/2021	17.16	PO	Fixing of RPRR & testing work of NIFPS system by M/S CTR and diagnostic testing Work.
220/132 Kv 200 Mva Emco Ict 3 @Waghala Nanded	IntraState	23/11/2021	10.33	23/11/2021	19.40	PO	Testing Work
220/100 Kv 100 MVA ICT I @Vasai-II	IntraState	23/11/2021	15.05	23/11/2021	18.02	EO	For ICT-1 HV CB density switch

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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Nov/2021

Statement-VII

Position as on 6.30 Hrs of 24/Nov/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							replacement by shifting the ICT on TBC.