

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Jan/2021 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	154.106	3095.687	1) Gujrat	-0.221	13.862
2) Hydro	15.260	277.072	2) Madhya Pradesh	8.238	222.479
3) Gas	6.865	125.764	3) Chattisgarh	6.430	140.140
Total MSPGCL	176.231	3498.523	4) Maharashtra	138.734	3106.751
B) 1) APML	53.440	774.430	5) Goa (Amona)	-1.316	-24.856
2) JSWEL	17.320	377.772	Total	151.865	3458.376
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.127	427.069
4) RPL(AMT)	26.216	594.711	b) Mumbai Drawl	20.928	435.737
5) WPCL	5.713	164.162	c) MSEDCL Bilateral *	31.712	879.838
6) Other IPP	18.677	386.888	Include PX	1.699	231.425
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.127	422.598
C) 1) TPCL Thermal	4.851	257.007	Include PX	11.306	234.004
2) TPCL Hydro	7.228	93.112	Standby	0.000	4.471
3) TPCL Gas	3.424	51.321	H) ENERGY CATERED (MUs)		
4) AEML Thermal	12.007	210.322	1) MSEDCL	438.283	9110.504
D) STATE			2) Mumbai Discoms	48.436	1047.499
1) Thermal	292.330	5860.979	TOTAL STATE	486.719	10158.003
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	22.488	370.184			
3) Gas (A3+B7+C3)	10.289	177.085			
4) Wind	3.437	161.620			
6) SOLAR	6.312	129.759			
TOTAL STATE	334.856	6699.627			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6890	6748	6458	5802
MSPGCL Hydro	1271	973	542	82
MSPGCL Gas	280	278	280	295
MSPGCL Total Generation	8441	7999	7280	6178
Central Sector Receipt	7383	7292	5753	5720
WIND	116	64	158	263
CPP / IPP Thermal	5729	5586	5166	4422
CPP / IPP Gas	0	0	0	0
SOLAR	882	941	2	0
Exchange with Mumbai	-1198	-1195	-1070	-597
MSEDCL DEMAND MET	21353	20687	17289	15987
Load Shedding	0	0	0	0
MSEDCL DEMAND	21353	20687	17289	15987
TPCL GENERATION	778	778	775	372
AEML GENERATION	500	499	501	500
MUMBAI DEMAND	2476	2472	2346	1469
STATE DEMAND MET	23829	23159	19635	17456
STATE DEMAND	23829	23159	19635	17456
Frequency (Hz)	49.97	49.94	49.98	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 00.02 Hrs	49.78 Hz at 18.25 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 22/Jan/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.18	55.00	160	120
Unit 7	2.97	30.76	133	110
Unit 8	11.74	259.95	520	377
Unit 9	12.21	261.19	540	472
Unit 10	10.73	208.09	480	370
Total	40.82	814.99		
Bhusawal				
Unit 3	3.57	48.79	185	130
Unit 4	10.64	211.05	475	290
Unit 5	10.74	141.15	480	350
Total	24.96	401.00		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.06	111.65	250	195
Unit 7	4.92	111.96	249	172
Unit 8	5.47	115.06	250	198
Total	15.45	338.67		
Chandrapur				
Unit 3	3.76	84.16	173	125
Unit 4	2.74	59.68	150	30
Unit 5	9.55	161.85	455	275
Unit 6	9.36	190.53	435	280
Unit 7	8.37	169.99	375	290
Unit 8	0.00	0.00	0	0
Unit 9	10.00	244.44	445	377
Total	43.77	910.64		
Paras				
Unit 3	5.40	101.22	250	155
Unit 4	5.55	120.02	250	166
Total	10.95	221.25		
Khaparkheda				
Unit 1	3.50	71.08	155	115
Unit 2	3.78	78.22	165	115
Unit 3	4.51	85.13	200	130
Unit 4	3.02	92.10	195	0
Unit 5	0.00	8.74	0	0
Total	14.81	335.27		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.34	73.86	198	122
Unit 5	0.00	0.00	0	0
Total	3.34	73.86		
Uran				
All Units	6.86	125.76	305	268
Total	6.86	125.76		
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)	0.26	4.90	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.26	4.90		
Koyna				
Stage 1-2	3.00	65.05	490	40
Stage 4	6.49	109.77	689	0
Stage 3	2.35	37.34	160	0
Total	11.83	212.16		
Hydro				
KDPH	0.20	9.02	19	0
VTRNA	0.09	1.74	48	0
TILLARI	0.58	3.69	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.42	5.61	40	0
RNGR+BHTSA	0.36	7.46	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	6.85	0	0
SMLHY_PTN	0.17	5.98	7	6
GHATGHAR	1.60	24.57	250	0
Total	3.43	64.92		
Wind				
Total	3.44	161.62	0	0
Total	3.44	161.62		
CPP				
APML(Mus)	53.44	774.43	0	0
JSWEL(Mus)	17.32	377.77	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	26.22	594.71	0	0
WPCL(Mus)	5.71	164.16	0	0
Other(Mus)	18.68	386.89	0	0
Total	121.37	2297.96		
SOLAR				
Total	6.31	129.76	0	0
Total	6.31	129.76		
Tata				
Trombay 5	0.00	156.14	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.06	31.03	91	84
Trombay 7B	1.36	20.29	59	56
Trombay 8	4.85	100.86	207	199
TATA Hydro	7.23	93.11	435	4
Total	15.50	401.44		
AEML				
DTPS U-1&2	12.01	210.32	502	499
Total	12.01	210.32		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	154.11	3095.69	MSPGCL Total	176.23	3498.52
			MSPGCL Thml+Gas	160.97	3221.45	Koyna 1,2 & 4 Total	9.48	174.82
			MSPGCL Hydro	15.26	277.07	State Total	334.86	6699.63

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/Jan/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	6409	86	294	6790	153	4424	0	0	5869	5608	-753	16222	0	16222	1652	17874	50.03
2	6093	92	305	6490	141	4418	0	0	5958	5974	-665	16357	0	16357	1539	17896	50.02
3	5802	82	295	6178	263	4422	0	0	6145	5720	-597	15987	0	15987	1469	17456	50.01
4	5531	80	296	5908	301	4428	0	0	6162	6041	-564	16113	0	16113	1423	17536	49.99
5	5741	170	295	6206	210	4438	0	0	6084	6130	-573	16411	0	16411	1434	17845	49.97
6	6504	254	296	7054	169	4460	0	0	6361	6443	-621	17504	0	17504	1507	19012	49.98
7	6637	364	296	7298	222	5026	0	0	6739	7152	-447	19250	0	19250	1611	20861	50.00
8	6628	1100	296	8024	159	5562	0	67	6448	6285	-512	19586	0	19586	1772	21358	49.96
9	6663	1274	305	8242	150	5742	0	326	6611	6549	-750	20258	0	20258	2027	22286	50.01
10	6757	1089	294	8140	106	5706	0	586	7113	6868	-989	20416	0	20416	2265	22682	50.01
11	6817	1287	271	8375	100	5748	0	816	7485	7068	-1152	20955	0	20955	2429	23384	50.02
12	6890	1271	280	8441	116	5729	0	882	7572	7383	-1198	21353	0	21353	2476	23829	49.97
13	6748	973	278	7999	64	5586	0	941	7459	7292	-1195	20687	0	20687	2472	23159	49.94
14	6678	951	268	7897	45	5513	0	900	7191	6899	-1070	20184	0	20184	2348	22532	50.05
15	6665	960	268	7893	50	5496	0	783	7013	7109	-1058	20273	0	20273	2335	22608	50.03
16	6621	1060	277	7958	47	5410	0	598	7218	6995	-1059	19949	0	19949	2334	22283	50.00
17	6608	1009	269	7886	61	5389	0	346	6698	6531	-1055	19158	0	19158	2332	21490	49.98
18	6489	777	280	7546	88	5303	0	65	5900	5876	-1032	17846	0	17846	2306	20152	49.98
19	6458	542	280	7280	158	5166	0	2	5681	5753	-1070	17289	0	17289	2346	19635	49.98
20	6454	847	282	7583	162	5150	0	0	5345	5450	-1068	17278	0	17278	2344	19622	49.95
21	6303	215	281	6799	170	4915	0	0	5581	5279	-941	16222	0	16222	2217	18439	49.99
22	6303	157	293	6753	158	4444	0	0	5766	5761	-832	16284	0	16284	2078	18362	50.04
23	6126	205	273	6604	157	4432	0	0	5999	5851	-872	16172	0	16172	1924	18096	49.96
24	6181	414	293	6888	187	4460	0	0	5972	5848	-855	16528	0	16528	1798	18326	50.00
MUs	154.11	15.26	6.87	176.23	3.44	121.37	0.00	6.31	154.37	151.87	-20.93	438.28	0.00	438.28	48.44	486.72	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 22/Jan/2021

Position as on 6.30 Hrs of 23/Jan/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koyna STG-IV Unit-2	250	23/11/2020	08.00		Continued.	Capital Overhaul	
MSPGCL	Chandrapur Unit-8	500	20/12/2020	00.00	23/01/2021	01.53	Annual Overhaul	
MSPGCL	Khaparkheda Unit 5	500	01/01/2021	23.13		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
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	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
IPP	JSW (J) U2	300	01/11/2020	04.44		Continued.	No Schedule	
MSPGCL	Nasik Unit 3	210	03/12/2020	06.45		Continued.	Economizer Tube Leakage. (Zero Schedule from 18:45hrs of 05.12.2020)	
IPP	Adani U-5	660	18/01/2021	21.00		Continued.	zero scheduled	
MSPGCL	Koyna Unit 11	80	19/01/2021	10.05		Continued.	Stator Earth Fault	
TPC-G	Trombay 5	500	19/01/2021	17.24		Continued.	Boiler Tube Leakage	
CPP	SWPGL U-4	135	20/01/2021	00.00	22/01/2021	22.54	ID Fan Problem	
MSPGCL	Chandrapur Unit 4	210	21/01/2021	04.58	22/01/2021	00.12	Air pre-heater problem.	
MSPGCL	Ghatghar Unit-2	125	22/01/2021	10.40	22/01/2021	11.30	Oil level low.	
MSPGCL	Khaparkheda Unit 4	210	22/01/2021	17.20		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 8	250	23/01/2021	05.13		Continued.	LOW PA FAN HEADER PRESSURE	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 22/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 23/Jan/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Tripping							
Koradi III - Tirora - I	IntraState	22/01/2021	08.50	22/01/2021	15.25	PO	BAY Maintenance Activities.
400 KV LINE Outages/Tripping							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Dhule Sar'Sarovar II	InterState	21/01/2021	18.10	22/01/2021	10.31	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	22/01/2021	18.04		Continued.	HT	Over Voltage
Lonikand 1 - Talegaon(Pgcil)	IntraState	31/12/2020	10.17		Continued.	PO	1)Erection of 89A(N+27) & 90A(N+27); 2) loc no. 89A to 90A stringing; 3) loc no. 89A to 82 stringing;4) loc no. 90 to 92 stringing; 5)Dismantling of old towers 89 & 90
Dhule - Bableshtar - II	IntraState	21/01/2021	20.10	22/01/2021	06.59	HT	Over Voltage
400 KV ICT Outages/Tripping							
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/08/2020	09.58		Continued.	PO	Replacement of existing 315 MVA ICT by 3*167 MVA ICT.
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	23/09/2020	09.12		Continued.	PO	Augmentation work of 400/220 315MVA ICT-II to 501MVA
400/220kv 500MVA ICT-1 @ TAPTITANDA	IntraState	22/01/2021	10.39	22/01/2021	18.35	PO	Isolator Alignment & Pending Diagnostic Work.
220 KV LINE Outages/Tripping							
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)
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	20/08/2020	13.05		Continued.	PO	Erection of Tower Due to Railway Crossing
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	20/08/2020	13.06		Continued.	PO	Erection of Tower Due to Railway Crossing
ALKUD - MENDHEGIRI CKT - 2	IntraState	12/01/2021	11.00		Continued.	PO	CT,PT,ABT Meter and testing work
Ongc Uran - Jnpt	IntraState	20/01/2021	10.20		Continued.	PO	Carrying out OPGW conductor pulling/replacement work between loc no. 26 & 220kv Uran Sstn.
220kv Halkarni- Tillary	IntraState	22/01/2021	08.50	22/01/2021	15.20	PO	Relay testing Work, LA replacement work.
Nagothane - Ipcl	IntraState	22/01/2021	09.50	22/01/2021	18.02	PO	220 KV 29 A Bus isolater maint by removing Bus jumpers by Hot line method.
PAL DOMBIVALI - PALAVA	IntraState	22/01/2021	10.05	22/01/2021	17.52	PO	Isolator Maintenance work & Bay Routine Maintenance Work at 220 kv PAL S/stn. End.
Waluj- Padegaon li	IntraState	22/01/2021	10.15	22/01/2021	19.42	PO	Disc Insulator Replacement
220kv Lonand- Phaltan line	IntraState	22/01/2021	11.30	22/01/2021	14.00	PO	Quarterly Maintanance Work
K'Kheda- Suryalakshmi	IntraState	22/01/2021	13.11	22/01/2021	17.06	PO	CVT replacement Work at Khaperkheda End.
khaparkheda-Khaparkheda(new)-I	IntraState	22/01/2021	13.28	22/01/2021	14.33	EO	To attend DC Supervision relay Problem for Distance Protection relay.
Nanded-Ghatodi	IntraState	22/01/2021	14.58	22/01/2021	19.33	HT	In view of emergency Outage on 220KV WAGHALA CKT1 AT 400KV NANDED SS.
Nanded-Parbhani	IntraState	22/01/2021	14.58	22/01/2021	19.25	HT	In view of emergency Outage on 220KV WAGHALA CKT1 AT 400KV NANDED SS.
Halkarni-Mahalaxmi line	IntraState	22/01/2021	15.51	22/01/2021	18.00	PO	220kv Mahalaxmi bay CT tan delta,dist.and back up Relay testing work.

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 22/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 23/Jan/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Nanded - Parli Ext. Ckt II	IntraState	22/01/2021	18.31	22/01/2021	19.14	EO	Nanded-Khumbargaon CKT in same tower MC.
Adlabs - Pedambe	IntraState	23/01/2021	01.47	23/01/2021	02.27	T	Distance Protection
Adlabs - Pedambe	IntraState	23/01/2021	02.44		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/33kV 100 MVA Transformer 3 @Aarey R/S	IntraState	21/01/2021	10.28	22/01/2021	06.30	T	Bucchohz Protection Optd
220/132 Kv 200 Mva Emco lct 2 @Raymond (Nasik 2)	IntraState	21/01/2021	22.03	22/01/2021	00.19	T	tripped on OSR.