

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Jan/2021 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	160.070	3571.194	1) Gujrat	1.342	15.865
2) Hydro	13.310	320.868	2) Madhya Pradesh	4.768	242.774
3) Gas	6.883	146.284	3) Chattisgarh	5.710	158.270
Total MSPGCL	180.263	4038.346	4) Maharashtra	138.371	3505.118
B) 1) APLM	50.382	931.919	5) Goa (Amona)	-1.078	-27.470
2) JSWEL	16.869	428.610	Total	149.113	3894.557
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.345	480.265
4) RPL(AMT)	25.528	671.281	b) Mumbai Drawl	20.407	490.913
5) WPCL	6.564	184.692	c) MSEDCL Bilateral *	29.357	976.627
6) Other IPP	17.054	438.855	Include PX	1.066	240.911
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.345	475.794
C) 1) TPCL Thermal	6.865	278.490	Include PX	5.044	250.877
2) TPCL Hydro	5.438	108.829	Standby	0.000	4.471
3) TPCL Gas	3.847	62.899	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.032	242.674	1) MSEDCL	436.366	10425.120
D) STATE			2) Mumbai Discoms	46.589	1183.805
1) Thermal	293.364	6747.715	TOTAL STATE	482.955	11608.925
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	18.748	429.697			
3) Gas (A3+B7+C3)	10.730	209.183			
4) Wind	4.011	177.102			
6) SOLAR	6.989	150.671			
TOTAL STATE	333.842	7714.368			

* 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 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	7193	7111	6950	5668
MSPGCL Hydro	1291	1266	601	63
MSPGCL Gas	270	280	292	295
MSPGCL Total Generation	8754	8657	7843	6026
Central Sector Receipt	7100	6914	5153	5937
WIND	69	53	193	226
CPP / IPP Thermal	5371	5071	4791	4429
CPP / IPP Gas	0	0	0	0
SOLAR	1008	1013	0	0
Exchange with Mumbai	-1064	-1063	-984	-670
MSEDCL DEMAND MET	21238	20645	16996	15948
Load Shedding	0	0	0	0
MSEDCL DEMAND	21238	20645	16996	15948
TPCL GENERATION	831	805	785	459
AEML GENERATION	500	500	501	283
MUMBAI DEMAND	2395	2368	2270	1412
STATE DEMAND MET	23633	23013	19266	17360
STATE DEMAND	23633	23013	19266	17360
Frequency (Hz)	50.02	49.99	50.01	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 08.03 Hrs	49.85 Hz at 12.40 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 25/Jan/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.10	64.62	135	120
Unit 7	3.08	39.75	156	110
Unit 8	11.77	293.87	530	375
Unit 9	11.31	296.48	523	375
Unit 10	10.60	239.91	480	370
Total	39.86	934.63		
Bhusawal				
Unit 3	3.27	58.90	155	113
Unit 4	9.62	241.23	470	280
Unit 5	9.54	171.37	470	295
Total	22.44	471.50		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.87	126.67	250	190
Unit 7	4.79	126.75	248	191
Unit 8	5.10	129.80	250	198
Total	14.76	383.21		
Chandrapur				
Unit 3	3.36	94.66	160	123
Unit 4	3.34	69.69	150	125
Unit 5	9.01	189.87	445	275
Unit 6	8.99	217.94	435	278
Unit 7	8.05	194.57	370	285
Unit 8	10.70	30.04	465	420
Unit 9	11.12	277.23	476	440
Total	54.57	1074.00		
Paras				
Unit 3	5.27	116.52	253	159
Unit 4	5.32	136.40	250	160
Total	10.59	252.92		
Khaparkheda				
Unit 1	3.14	79.86	145	115
Unit 2	3.52	88.88	165	115
Unit 3	4.09	97.69	190	140
Unit 4	3.96	96.17	195	100
Unit 5	0.00	8.74	0	0
Total	14.71	371.35		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.14	83.58	141	126
Unit 5	0.00	0.00	0	0
Total	3.14	83.58		
Uran				
All Units	6.88	146.28	306	268
Total	6.88	146.28		
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)	0.59	6.01	27	14

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.59	6.01		
Koyna				
Stage 1-2	1.65	72.14	250	40
Stage 4	6.81	130.93	680	0
Stage 3	1.44	43.19	160	0
Total	9.90	246.26		
Hydro				
KDPH	0.00	9.02	0	0
VTRNA	0.45	3.15	59	0
TILLARI	0.46	5.20	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	6.65	40	0
RNGR+BHTSA	0.31	8.41	14	13
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	6.85	0	0
SMLHY_PTN	0.24	6.70	10	9
GHATGHAR	1.64	28.64	250	0
Total	3.41	74.60		
Wind				
Total	4.01	177.10	0	0
Total	4.01	177.10		
CPP				
APML(Mus)	50.38	931.92	0	0
JSWEL(Mus)	16.87	428.61	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	25.53	671.28	0	0
WPCL(Mus)	6.56	184.69	0	0
Other(Mus)	17.05	438.86	0	0
Total	116.40	2655.36		
SOLAR				
Total	6.99	150.67	0	0
Total	6.99	150.67		
Tata				
Trombay 5	6.86	170.92	297	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.40	38.23	100	100
Trombay 7B	1.45	24.67	61	60
Trombay 8	0.00	107.57	0	0
TATA Hydro	5.44	108.83	420	0
Total	16.15	450.22		
AEML				
DTPS U-1&2	10.03	242.67	501	282
Total	10.03	242.67		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	160.07	3571.19	MSPGCL Total	180.26	4038.35
			MSPGCL Thml+Gas	166.95	3717.48	Koyna 1,2 & 4 Total	8.46	203.08
			MSPGCL Hydro	13.31	320.87	State Total	333.84	7714.37

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/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	6523	69	294	6886	335	4441	0	0	5774	5588	-769	16481	0	16481	1556	18037	50.04
2	6028	74	295	6397	313	4437	0	0	5853	5474	-708	15913	0	15913	1472	17385	49.99
3	5668	63	295	6026	226	4429	0	0	6080	5937	-670	15948	0	15948	1412	17360	50.02
4	5666	73	295	6034	211	4431	0	0	6150	6201	-612	16265	0	16265	1367	17632	50.01
5	5812	73	295	6180	180	4425	0	0	6095	5912	-618	16079	0	16079	1373	17452	50.01
6	6686	80	306	7072	241	4481	0	0	6364	6297	-695	17396	0	17396	1451	18847	50.03
7	6987	273	296	7556	224	4747	0	16	6898	6747	-679	18611	0	18611	1549	20160	50.05
8	7149	681	296	8126	143	5191	0	166	6610	6804	-656	19774	0	19774	1720	21494	50.05
9	7278	1023	295	8596	115	5677	0	446	6393	5997	-689	20142	0	20142	1995	22137	50.09
10	7251	985	294	8530	88	5698	0	699	6788	6701	-998	20718	0	20718	2208	22926	50.04
11	7202	1005	282	8489	85	5551	0	877	7330	7350	-1135	21217	0	21217	2350	23567	50.04
12	7193	1291	270	8754	69	5371	0	1008	7335	7100	-1064	21238	0	21238	2395	23633	50.02
13	7111	1266	280	8657	53	5071	0	1013	7173	6914	-1063	20645	0	20645	2368	23013	49.99
14	7070	1072	268	8410	67	4958	0	954	7030	6893	-980	20302	0	20302	2261	22563	50.01
15	7042	1065	278	8385	95	4961	0	803	7115	7095	-934	20405	0	20405	2250	22655	50.00
16	7056	1145	268	8469	122	4974	0	586	6890	6959	-942	20168	0	20168	2232	22400	49.93
17	7108	944	280	8332	128	5085	0	302	6464	6154	-923	19078	0	19078	2231	21309	49.96
18	7017	538	280	7835	144	5010	0	103	5977	5798	-933	17957	0	17957	2207	20164	50.00
19	7028	253	272	7553	167	4867	0	16	5530	5281	-980	16904	0	16904	2256	19160	50.01
20	6950	601	292	7843	193	4791	0	0	5290	5153	-984	16996	0	16996	2270	19266	50.01
21	6433	176	282	6891	172	4569	0	0	5724	5176	-855	15953	0	15953	2142	18095	50.01
22	5811	330	293	6434	213	4397	0	0	5894	6129	-875	16298	0	16298	1996	18294	50.00
23	5997	140	283	6420	221	4407	0	0	6047	5622	-892	15778	0	15778	1834	17612	49.98
24	6004	90	294	6388	206	4428	0	0	5947	5831	-753	16100	0	16100	1694	17794	49.98
MUs	160.07	13.31	6.88	180.26	4.01	116.40	0.00	6.99	152.75	149.11	-20.41	436.37	0.00	436.37	46.59	482.96	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 25/Jan/2021

Position as on 6.30 Hrs of 26/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	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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	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 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit B0	120	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.	Tripped on stator earth fault (will not be available till dt.18.04.21)	
TPC_G	Trombay 8	250	24/01/2021	12.20		Continued.	Due to heavy leakage from Deaerator drain valve.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 26/Jan/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
Dhule Sar'Sarovar I	InterState	24/01/2021	17.51		Continued.	HT	Over Voltage
Chandrapur-II - Warora - I	InterState	25/01/2021	08.51	25/01/2021	18.23	PO	Conductor & Earthwire H/W tightening work.
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
Khadka-Aurangabad (Waluj)	IntraState	24/01/2021	17.58	25/01/2021	07.50	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	24/01/2021	20.02	25/01/2021	07.27	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	25/01/2021	19.09		Continued.	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	25/01/2021	19.17		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
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 315MVA ICT 2 @ KOLHAPUR-III (TALANDGE)	IntraState	25/01/2021	17.37	26/01/2021	00.22	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)
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	25/01/2021	17.33	PO	Carrying out OPGW conductor pulling/replacement work between loc no. 26 & 220kv Uran Sstn.
Chandrapur GCR - Sicom II	IntraState	24/01/2021	10.07		Continued.	PO	Dismantling of RCC Structure and erection of new structure of CT
Koyna (Pophali) - Kdph	IntraState	24/01/2021	14.25	25/01/2021	15.25	T	Distance Protection
Wathar - Mudshingi 3 Line	IntraState	25/01/2021	09.20	25/01/2021	14.02	PO	Line insulators cleaning by cold line method.
Bhigwan-Baramat Iagro	IntraState	25/01/2021	10.30	25/01/2021	14.50	PO	Replacement of flashover suspension string @ Loc 10 Rph DSN string & line signature.
Chinchwad- Parvati	IntraState	25/01/2021	10.42	25/01/2021	13.04	PO	Attend DC leakage.
Parli 2-(Girwali) -Murud	IntraState	25/01/2021	13.30	25/01/2021	17.30	PO	Line Maintenance work
Karad - Vita Ckt- II	IntraState	25/01/2021	17.32	25/01/2021	19.02	EO	Attending Hot Spot
Goregaon Versova Line 2	IntraState	26/01/2021	1.25		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132kv 200mva Emco ICT-1 @Kurkumbh	IntraState	25/01/2021	10.50	25/01/2021	16.45	PO	Diagnostic testing & maintenance work.

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