

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Jan/2021 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	152.877	2089.138	1) Gujrat	0.311	19.857
2) Hydro	11.182	168.455	2) Madhya Pradesh	9.612	150.713
3) Gas	6.871	83.452	3) Chattisgarh	5.750	94.900
Total MSPGCL	170.930	2341.045	4) Maharashtra	139.864	2140.071
B) 1) APLM	31.203	403.658	5) Goa (Amona)	-0.803	-15.410
2) JSWEL	16.520	257.877	Total	154.734	2390.131
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.495	288.788
4) RPL(AMT)	26.475	405.537	b) Mumbai Drawl	20.925	300.069
5) WPCL	7.770	116.231	c) MSEDCL Bilateral *	36.767	640.461
6) Other IPP	14.854	263.713	Include PX	6.853	200.243
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.495	288.788
C) 1) TPCL Thermal	11.389	194.716	Include PX	10.836	161.413
2) TPCL Hydro	3.441	59.136	Standby	0.000	0.000
3) TPCL Gas	4.415	25.867	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.119	135.309	1) MSEDCL	415.529	6080.822
D) STATE			2) Mumbai Discoms	49.289	715.099
1) Thermal	270.207	3866.179	TOTAL STATE	464.818	6795.921
(A1+C1+C4+(B1-B6))					
2) Hydro	14.623	227.591			
(A2+C2)					
3) Gas	11.286	109.319			
(A3+B7+C3)					
4) Wind	7.286	117.342			
6) SOLAR	6.682	85.357			
TOTAL STATE	310.084	4405.788			

* 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 2 Hrs
MSPGCL Thermal	6802	6523	6485	5776
MSPGCL Hydro	1186	1052	232	108
MSPGCL Gas	280	277	290	293
MSPGCL Total Generation	8268	7852	7008	6176
Central Sector Receipt	7370	7384	6287	5337
WIND	275	150	87	305
CPP / IPP Thermal	4415	4306	4346	3561
CPP / IPP Gas	0	0	0	0
SOLAR	859	1027	0	0
Exchange with Mumbai	-936	-1043	-1153	-732
MSEDCL DEMAND MET	20252	19676	16574	14648
Load Shedding	0	0	0	0
MSEDCL DEMAND	20252	19676	16574	14648
TPCL GENERATION	1078	1006	873	614
AEML GENERATION	500	501	284	283
MUMBAI DEMAND	2514	2550	2310	1629
STATE DEMAND MET	22766	22226	18884	16276
STATE DEMAND	22766	22226	18884	16276
Frequency (Hz)	49.97	49.93	50.03	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 04.03 Hrs	49.8 Hz at 03.08 Hrs	50	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 15/Jan/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.14	44.64	170	115
Unit 7	1.73	21.95	127	0
Unit 8	10.48	180.28	507	320
Unit 9	10.98	178.94	490	379
Unit 10	12.15	130.13	540	470
Total	38.48	555.93		
Bhusawal				
Unit 3	3.26	38.48	185	0
Unit 4	10.85	136.47	500	290
Unit 5	10.65	66.37	495	290
Total	24.76	241.32		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.40	75.18	250	184
Unit 7	5.35	75.76	249	198
Unit 8	5.26	77.68	250	184
Total	16.01	228.62		
Chandrapur				
Unit 3	3.89	58.42	173	128
Unit 4	3.60	38.79	160	116
Unit 5	9.18	134.73	420	275
Unit 6	9.46	124.18	435	280
Unit 7	7.56	112.20	330	283
Unit 8	0.00	0.00	0	0
Unit 9	10.86	168.90	467	439
Total	44.54	637.21		
Paras				
Unit 3	4.91	64.36	240	150
Unit 4	5.40	84.02	254	155
Total	10.30	148.38		
Khaparkheda				
Unit 1	3.47	47.74	160	115
Unit 2	3.83	51.76	180	115
Unit 3	4.36	54.54	200	130
Unit 4	3.80	64.84	195	130
Unit 5	0.00	8.74	0	0
Total	15.46	227.63		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.32	50.05	196	124
Unit 5	0.00	0.00	0	0
Total	3.32	50.05		
Uran				
All Units	6.87	83.45	294	269
Total	6.87	83.45		
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	3.84	23	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	3.84		
Koyna				
Stage 1-2	2.04	41.60	345	40
Stage 4	4.87	64.02	624	0
Stage 3	1.61	22.50	160	0
Total	8.52	128.12		
Hydro				
KDPH	0.44	6.15	19	19
VTRNA	0.00	0.14	0	0
TILLARI	0.20	0.59	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	3.65	40	0
RNGR+BHTSA	0.36	4.93	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.36	5.40	16	15
SMLHY_PTN	0.36	4.38	16	15
GHATGHAR	0.70	15.10	125	0
Total	2.67	40.34		
Wind				
Total	7.29	117.34	0	0
Total	7.29	117.34		
CPP				
APML(Mus)	31.20	403.66	0	0
JSWEL(Mus)	16.52	257.88	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	26.48	405.54	0	0
WPCL(Mus)	7.77	116.23	0	0
Other(Mus)	14.85	263.71	0	0
Total	96.82	1447.02		
SOLAR				
Total	6.68	85.36	0	0
Total	6.68	85.36		
Tata				
Trombay 5	7.46	127.94	474	280
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	15.24	117	117
Trombay 7B	1.61	10.63	67	66
Trombay 8	3.93	66.78	235	137
TATA Hydro	3.44	59.14	285	0
Total	19.24	279.72		
AEML				
DTPS U-1&2	9.12	135.31	502	282
Total	9.12	135.31		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	152.88	2089.14	MSPGCL Total	170.93	2341.04
			MSPGCL Thml+Gas	159.75	2172.59	Koyna 1,2 & 4 Total	6.91	105.62
			MSPGCL Hydro	11.18	168.46	State Total	310.08	4405.79

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/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	5775	108	292	6174	363	3590	0	0	5735	5845	-810	15162	0	15162	1743	16906	49.97
2	5776	108	293	6176	305	3561	0	0	5900	5337	-732	14648	0	14648	1629	16276	50.01
3	5453	108	293	5854	362	3546	0	0	6038	6025	-659	15128	0	15128	1545	16674	49.99
4	5376	108	293	5778	421	3551	0	0	6015	5810	-616	14944	0	14944	1502	16446	49.97
5	6191	114	293	6598	538	3516	0	0	6070	5516	-606	15562	0	15562	1494	17056	50.06
6	6284	156	294	6734	585	3668	0	0	6608	6664	-674	16978	0	16978	1574	18552	50.01
7	6630	192	294	7116	808	4191	0	2	7208	6569	-501	18184	0	18184	1688	19872	50.04
8	6554	410	293	7256	804	4326	0	83	7116	7058	-667	18860	0	18860	1822	20682	50.00
9	6693	1074	294	8062	576	4344	0	346	6587	6781	-772	19336	0	19336	2085	21422	50.03
10	6819	1018	292	8128	384	4388	0	642	6969	6858	-825	19575	0	19575	2344	21919	49.99
11	6802	1186	280	8268	275	4415	0	859	7459	7370	-936	20252	0	20252	2514	22766	49.97
12	6681	1140	269	8090	245	4310	0	973	7693	7465	-958	20124	0	20124	2567	22692	49.98
13	6523	1052	277	7852	150	4306	0	1027	7499	7384	-1043	19676	0	19676	2550	22226	49.93
14	6429	810	278	7516	102	4259	0	971	7510	7529	-915	19462	0	19462	2402	21864	50.02
15	6363	668	279	7310	116	4257	0	845	7633	7552	-965	19116	0	19116	2369	21484	50.05
16	6377	684	279	7340	113	4258	0	565	7638	7571	-971	18876	0	18876	2349	21224	49.99
17	6563	714	269	7546	98	4349	0	305	6997	6847	-1023	18122	0	18122	2327	20448	49.98
18	6526	632	279	7436	75	4357	0	64	6395	6124	-1119	16938	0	16938	2274	19212	50.03
19	6485	232	290	7008	87	4346	0	0	6245	6287	-1153	16574	0	16574	2310	18884	50.03
20	6515	234	291	7040	110	4320	0	0	6024	5832	-1159	16142	0	16142	2313	18456	49.99
21	6562	104	271	6938	156	4079	0	0	5797	5603	-1079	15696	0	15696	2184	17880	50.02
22	6556	108	292	6956	218	3689	0	0	5656	5772	-1000	15635	0	15635	2039	17674	49.98
23	6466	114	293	6872	178	3588	0	0	5655	5568	-902	15304	0	15304	1891	17196	49.99
24	6478	110	293	6880	217	3608	0	0	5640	5367	-840	15233	0	15233	1774	17007	50.03
MUs	152.88	11.18	6.87	170.93	7.29	96.82	0.00	6.68	158.09	154.73	-20.92	415.53	0.00	415.53	49.29	464.82	50.00

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 15/Jan/2021

Position as on 6.30 Hrs of 16/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		Continued.	Annual Overhaul	
MSPGCL	Khaparkhedda 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 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-4	660	15/12/2020	23.48		Continued.	Zero schedule.	
IPP	Adani U-1	660	16/12/2020	10.58		Continued.	Withdrawal For RSD.	
IPP	Adani U-5	660	13/01/2021	05.37		Continued.	Zero Schedule	
MSPGCL	Koradi Unit 7	210	15/01/2021	03.06	15/01/2021	09.07	Speeder gear lock.	
MSPGCL	Bhusawal Unit 3	210	15/01/2021	21.59		Continued.	Zero Schedule.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 15/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 16/Jan/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Tripping							
765/400kv Ict 1 @Tirora	IntraState	14/01/2021	09.35	15/01/2021	20.34	PO	Annual Maintenance Work of 765/400kv ICT As Opportunity Outage due to Unit 1.4 will be.
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	11/01/2021	18.13		Continued.	HT	Over Voltage
Chandrapur Bhadravati I	InterState	15/01/2021	14.55	15/01/2021	20.21	PO	To Carry Out The Protection & AR Testing Of Newly Replaced CB In Main Bay At Chandrapur (MSETCL)
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
Bus Coupler @ Parly(Girwali)	IntraState	07/01/2021	11.20	15/01/2021	22.51	PO	Replacement Of Old 400KV Telk make Circuit breaker By New Siemens Make CB As Telk CB Obsolete.
Dhule - Bableshtar - II	IntraState	14/01/2021	18.06	15/01/2021	07.29	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	14/01/2021	18.07	15/01/2021	07.29	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	15/01/2021	09.50	15/01/2021	17.21	HT	Routine Maintenance Work
Chandrapur - Khaperkheda	IntraState	15/01/2021	12.55	15/01/2021	17.50	PO	Replacement Of Flashover String Y-Phase At Loc No. 158.
Bhusawal-Aurangabad	IntraState	15/01/2021	19.34		Continued.	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	15/01/2021	21.09		Continued.	HT	Over Voltage
400 KV ICT Outages/Tripping							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07	15/01/2021	21.31	T	Differential Protection,Declared Faulty.
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
400/220/33 Kv 315 MVA ICT-3 @Padghe	IntraState	14/01/2021	07.02	15/01/2021	18.44	PO	For 220KV Areva Make CB Overhauling. LV Side On 220KV TBC.
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
Trombay - Kalwa	IntraState	16/12/2020	06.43	15/01/2021	17.12	PO	HTLS work.
Ranjangaon-Lonikand	IntraState	11/01/2021	11.42	15/01/2021	23.58	PO	Serving & Overhauling of ABB Make C.B
ALKUD - MENDHEGIRI CKT - 2	IntraState	12/01/2021	11.00		Continued.	PO	CT,PT,ABT Meter and testing work
GIS Bhandup - Borivali	IntraState	12/01/2021	11.48		Continued.	PO	Bay strengthening at Borivali
Karad - Vita Ckt- I	IntraState	15/01/2021	08.55	15/01/2021	12.24	PO	Conversation Of SSN To DSN At Loc No.46.
Hamidwada-Mumewadi	IntraState	15/01/2021	09.17	15/01/2021	14.42	PO	For Tan Delta Testing Of CT & Bay Equip Maintenance Work.
Padghe - Wada	IntraState	15/01/2021	09.28	15/01/2021	18.26	PO	Replacement Of PID Fault Insulator String At LOC no.04.12.06.03.05.
Wathar - Mudshingi 3 Line	IntraState	15/01/2021	09.55	15/01/2021	16.55	PO	Quarterly Maintenance 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 15/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 16/Jan/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kalwa - Siemens	IntraState	15/01/2021	10.16	15/01/2021	12.27	PO	To Attend Consumer Request SF6 Gas Purity Checking And Density Monitor Nozzle replacement Work At Siemens GIS Substation.
Bombay Dyeing - Sahara	IntraState	15/01/2021	12.15	15/01/2021	15.25	PO	Replacement Of Earth Wire At Loc No. 121-122.
Karad - Vita Ckt- II	IntraState	15/01/2021	12.33	15/01/2021	17.47	PO	Conversation Of SSN To DSN At Loc no.46
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT I @Kolshet	IntraState	15/01/2021	08.53	15/01/2021	23.10	PO	Bay Maintenance Work.
220/22 Kv 50 Mva Cgl Ptr 4 @Kamba	IntraState	15/01/2021	09.30	15/01/2021	18.52	PO	CT Tan Delta Work.
220/22 Kv 50 Mva Bb Ptr 3 @Temghar	IntraState	15/01/2021	10.20	15/01/2021	16.48	PO	Painting Of Transformer.