

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Jan/2021 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	151.899	1936.261	1) Gujrat	1.419	19.546
2) Hydro	14.135	157.273	2) Madhya Pradesh	9.732	141.101
3) Gas	6.791	76.581	3) Chattisgarh	5.660	89.150
Total MSPGCL	172.825	2170.115	4) Maharashtra	143.993	2000.207
B) 1) APML	31.294	372.455	5) Goa (Amona)	-0.957	-14.607
2) JSWEL	16.523	241.357	Total	159.847	2235.397
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.898	269.293
4) RPL(AMT)	25.209	379.062	b) Mumbai Drawl	21.629	279.144
5) WPCL	7.477	108.461	c) MSEDCL Bilateral *	36.728	603.694
6) Other IPP	17.354	248.859	Include PX	7.394	193.389
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.898	269.293
C) 1) TPCL Thermal	11.991	183.327	Include PX	12.955	150.576
2) TPCL Hydro	3.780	55.695	Standby	0.000	0.000
3) TPCL Gas	3.623	21.452	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.331	126.190	1) MSEDCL	421.057	5665.293
D) STATE			2) Mumbai Discoms	50.354	665.810
1) Thermal	271.078	3595.972	TOTAL STATE	471.411	6331.103
(A1+C1+C4+(B1-B6))					
2) Hydro	17.915	212.968			
(A2+C2)					
3) Gas	10.414	98.033			
(A3+B7+C3)					
4) Wind	4.866	110.056			
6) SOLAR	7.291	78.675			
TOTAL STATE	311.564	4095.704			

* 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 4 Hrs
MSPGCL Thermal	6704	6507	6557	5444
MSPGCL Hydro	1312	928	255	100
MSPGCL Gas	267	266	280	282
MSPGCL Total Generation	8283	7701	7092	5826
Central Sector Receipt	8514	7798	6319	6002
WIND	162	127	152	225
CPP / IPP Thermal	4469	4361	4074	3703
CPP / IPP Gas	0	0	0	0
SOLAR	1017	1070	2	0
Exchange with Mumbai	-987	-1039	-1128	-742
MSEDCL DEMAND MET	21458	20018	16511	15014
Load Shedding	0	0	0	0
MSEDCL DEMAND	21458	20018	16511	15014
TPCL GENERATION	1112	1030	908	526
AEML GENERATION	501	499	282	284
MUMBAI DEMAND	2600	2568	2318	1552
STATE DEMAND MET	24058	22586	18829	16566
STATE DEMAND	24058	22586	18829	16566
Frequency (Hz)	50.06	50.03	50.01	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 18.02 Hrs	49.8 Hz at 20.35 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 14/Jan/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.26	41.50	170	115
Unit 7	2.55	20.22	118	97
Unit 8	11.32	169.80	483	460
Unit 9	11.18	167.96	511	416
Unit 10	12.56	117.98	544	480
Total	40.86	517.45		
Bhusawal				
Unit 3	3.64	35.22	180	135
Unit 4	10.65	125.62	475	290
Unit 5	10.49	55.72	470	285
Total	24.78	216.56		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.26	69.78	250	195
Unit 7	5.19	70.41	250	198
Unit 8	5.07	72.42	250	180
Total	15.52	212.61		
Chandrapur				
Unit 3	3.68	54.53	174	120
Unit 4	3.00	35.19	132	116
Unit 5	8.75	125.55	415	275
Unit 6	9.31	114.72	431	280
Unit 7	7.60	104.64	330	287
Unit 8	0.00	0.00	0	0
Unit 9	10.69	158.04	488	385
Total	43.02	592.67		
Paras				
Unit 3	5.34	59.46	253	160
Unit 4	5.43	78.62	250	156
Total	10.77	138.08		
Khaparkheda				
Unit 1	3.34	44.28	150	115
Unit 2	1.44	47.94	180	0
Unit 3	4.34	50.17	205	130
Unit 4	4.39	61.04	200	130
Unit 5	0.00	8.74	0	0
Total	13.52	212.16		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.42	46.73	198	123
Unit 5	0.00	0.00	0	0
Total	3.42	46.73		
Uran				
All Units	6.79	76.58	294	266
Total	6.79	76.58		
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)	0.00	3.79	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	3.79		
Koyna				
Stage 1-2	2.53	39.56	530	40
Stage 4	6.77	59.16	750	0
Stage 3	2.16	20.89	300	0
Total	11.46	119.60		
Hydro				
KDPH	0.08	5.70	19	0
VTRNA	0.00	0.14	0	0
TILLARI	0.23	0.39	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	3.41	40	0
RNGR+BHTSA	0.36	4.58	15	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.36	5.04	15	14
SMLHY_PTN	0.35	4.02	15	14
GHATGHAR	1.04	14.40	250	0
Total	2.68	37.67		
Wind				
Total	4.87	110.06	0	0
Total	4.87	110.06		
CPP				
APML(Mus)	31.29	372.46	0	0
JSWEL(Mus)	16.52	241.36	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	25.21	379.06	0	0
WPCL(Mus)	7.48	108.46	0	0
Other(Mus)	17.35	248.86	0	0
Total	97.86	1350.19		
SOLAR				
Total	7.29	78.68	0	0
Total	7.29	78.68		
Tata				
Trombay 5	7.94	120.48	461	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.21	12.43	117	61
Trombay 7B	1.41	9.02	67	48
Trombay 8	4.06	62.85	233	137
TATA Hydro	3.78	55.70	333	0
Total	19.39	260.47		
AEML				
DTPS U-1&2	9.33	126.19	501	282
Total	9.33	126.19		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	151.90	1936.26	MSPGCL Total	172.82	2170.12
			MSPGCL Thml+Gas	158.69	2012.84	Koyna 1,2 & 4 Total	9.30	98.72
			MSPGCL Hydro	14.14	157.27	State Total	311.56	4095.70

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/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	6362	90	293	6745	219	3721	0	0	5871	5606	-965	15326	0	15326	1799	17125	49.99
2	5926	85	292	6303	192	3714	0	0	5943	5694	-849	15054	0	15054	1677	16731	49.97
3	5635	90	293	6018	213	3712	0	0	6041	5925	-795	15073	0	15073	1603	16676	49.99
4	5444	100	282	5826	225	3703	0	0	5997	6002	-742	15014	0	15014	1552	16566	49.99
5	6117	95	292	6504	208	3691	0	0	6130	5898	-735	15566	0	15566	1545	17111	49.97
6	6403	182	293	6878	250	4036	0	0	6468	6578	-798	16944	0	16944	1620	18564	49.93
7	6511	367	293	7171	235	4351	0	16	7154	6867	-542	18098	0	18098	1728	19826	49.99
8	6599	925	294	7818	259	4478	0	96	7029	6988	-540	19099	0	19099	1873	20972	50.01
9	6656	1466	293	8415	253	4568	0	390	6780	6801	-716	19711	0	19711	2113	21824	50.01
10	6504	1458	281	8243	209	4505	0	703	7147	7360	-835	20185	0	20185	2361	22546	49.99
11	6562	1862	289	8713	159	4478	0	920	7538	7318	-989	20599	0	20599	2548	23147	49.98
12	6704	1312	267	8283	162	4469	0	1017	8221	8514	-987	21458	0	21458	2600	24058	50.06
13	6507	928	266	7701	127	4361	0	1070	8242	7798	-1039	20018	0	20018	2568	22586	50.03
14	6443	1079	266	7788	119	3820	0	1009	8056	7791	-1047	19480	0	19480	2445	21925	50.01
15	6428	1104	277	7809	78	3853	0	909	7878	8202	-1046	19805	0	19805	2429	22234	50.04
16	6609	1064	267	7940	74	4336	0	681	7841	7755	-1029	19756	0	19756	2422	22178	50.00
17	6699	606	278	7584	70	4434	0	370	7192	7001	-876	18582	0	18582	2406	20988	49.99
18	6600	412	269	7282	99	4404	0	108	6581	6216	-823	17286	0	17286	2338	19624	50.05
19	6557	255	280	7092	152	4074	0	2	6428	6319	-1128	16511	0	16511	2318	18829	50.01
20	6508	210	290	7008	225	4262	0	0	5896	5677	-1103	16069	0	16069	2320	18389	49.97
21	6235	154	280	6669	268	3780	0	0	5820	5986	-1045	15658	0	15658	2208	17866	49.98
22	6183	89	292	6564	363	3695	0	0	5984	5874	-1071	15425	0	15425	2075	17500	50.03
23	5962	100	282	6344	341	3701	0	0	6054	5852	-1014	15224	0	15224	1955	17179	50.03
24	5745	102	282	6128	366	3711	0	0	5990	5825	-915	15116	0	15116	1851	16966	49.99
MUs	151.90	14.14	6.79	172.82	4.87	97.86	0.00	7.29	162.28	159.85	-21.63	421.06	0.00	421.06	50.35	471.41	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 14/Jan/2021

Position as on 6.30 Hrs of 15/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	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 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.	
MSPGCL	Khaparkheda Unit 2	210	13/01/2021	03.58	14/01/2021	12.05	Boiler Tube Leakage	
IPP	Adani U-5	660	13/01/2021	05.37		Continued.	Zero Schedule	
MSPGCL	Koradi Unit 7	210	15/01/2021	03.06		Continued.	Speeder gear lock.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 15/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/Trippings							
765/400kv Ict 1 @Tirora	IntraState	14/01/2021	09.35		Continued.	PO	Annual Maintenance Work of 765/400kv ICT As Opportunity Outage due to Unit 1.4 will be.
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 II	InterState	11/01/2021	18.13		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
Khadka-Aurangabad (Waluj)	IntraState	13/01/2021	19.34	14/01/2021	06.58	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	13/01/2021	20.57	14/01/2021	06.59	HT	Over Voltage
Koradi-Bhusawal	IntraState	13/01/2021	22.54	14/01/2021	05.43	EO	Replacement of flashover B-ph string at loc no -113
Girwali- Lonikand 2	IntraState	14/01/2021	11.22	14/01/2021	14.25	T	Distance Protection
Dhule - Bableshtar - II	IntraState	14/01/2021	18.06		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	14/01/2021	18.07		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	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		Continued.	PO	For 220KV Areva Make CB Overhauling. LV Side On 220KV TBC.
400/220/33kv 315mva Ict3 @Lonikand	IntraState	14/01/2021	11.14	14/01/2021	11.54	PO	Diagnostic Testing Work.
400/220KV 500MVA ICT-I @Nanded	IntraState	14/01/2021	15.40	14/01/2021	17.02	PO	To Attend Hot Spot-ICT-1 R-PH LV Bhusing, LV 29A Isolator R-PH,Y-PH & B-PH.89T Isolator Maintenance,To Change metering Polarity,To Change MBZ Connection From Alarm To Trip.
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
Trombay - Kalwa	IntraState	16/12/2020	06.43		Continued.	PO	HTLS work.
Loteparshuram- Dasturi Line	IntraState	05/01/2021	10.50	14/01/2021	20.32	T	Cross arm bent at Loc. no.98,100 & 101.
Ranjangaon-Lonikand	IntraState	11/01/2021	11.42		Continued.	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
Kandalgaon - Koyna (Pophali)	IntraState	14/01/2021	01.21	14/01/2021	19.20	EO	For tower Replacement Work restored.
Centuri Enka- Bhosari	IntraState	14/01/2021	05.16	14/01/2021	06.09	T	Y-ph CT Burst at CenturyEnka end
512 Khadki- Century Enka	IntraState	14/01/2021	05.16	14/01/2021	06.36	T	Y-ph CT Burst at Century Enka end

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 14/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 15/Jan/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Talandge-Mudshingi Ckt-I	IntraState	14/01/2021	09.43	14/01/2021	16.34	PO	Quarterly Maintenance Work & LA Replacement Due To High LCM Value.
Nanded-Ghatodi	IntraState	14/01/2021	15.07	14/01/2021	19.24	HT	In View Of ICT-1 At 400KV Nanded Outage To be Taken.
Bus Coupler @ Paras	IntraState	14/01/2021	15.45	14/01/2021	18.46	T	Tripped Along With 220KV TBC CB.
Kalwa - Colourchem	IntraState	14/01/2021	17.50	14/01/2021	20.27	T	Distance Protection