

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Feb/2021 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	164.266	2482.291	1) Gujrat	0.968	2.634
2) Hydro	8.196	174.045	2) Madhya Pradesh	8.727	99.835
3) Gas	6.869	105.055	3) Chattisgarh	5.400	84.280
Total MSPGCL	179.331	2761.391	4) Maharashtra	135.720	2126.195
B) 1) APLM	59.299	901.355	5) Goa (Amona)	-1.076	-15.419
2) JSWEL	12.047	192.302	Total	149.739	2297.525
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.495	327.576
4) RPL(AMT)	23.203	440.833	b) Mumbai Drawl	22.988	350.373
5) WPCL	7.381	127.969	c) MSEDCL Bilateral *	30.588	454.743
6) Other IPP	17.381	291.409	Include PX	1.219	-22.609
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.495	323.529
C) 1) TPCL Thermal	5.141	138.604	Include PX	7.767	92.241
2) TPCL Hydro	5.783	68.934	Standby	0.000	4.047
3) TPCL Gas	4.364	60.339	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.256	157.799	1) MSEDCL	438.460	6924.320
D) STATE			2) Mumbai Discoms	49.532	776.051
1) Thermal	299.974	4732.562	TOTAL STATE	487.992	7700.371
(A1+C1+C4+(B1-B6))					
2) Hydro	13.979	242.979			
(A2+C2)					
3) Gas	11.233	165.394			
(A3+B7+C3)					
4) Wind	6.087	137.797			
6) SOLAR	6.980	124.112			
TOTAL STATE	338.253	5402.844			

* 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 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	7113	6967	6689	6709
MSPGCL Hydro	622	409	510	138
MSPGCL Gas	271	269	292	284
MSPGCL Total Generation	8006	7645	7491	7131
Central Sector Receipt	7178	6819	5887	5371
WIND	118	122	319	332
CPP / IPP Thermal	5823	5426	4697	4273
CPP / IPP Gas	0	0	0	0
SOLAR	887	1058	0	0
Exchange with Mumbai	-1137	-1283	-999	-933
MSEDCL DEMAND MET	20875	19787	17395	16174
Load Shedding	0	0	0	0
MSEDCL DEMAND	20875	19787	17395	16174
TPCL GENERATION	849	787	851	321
AEML GENERATION	499	501	501	287
MUMBAI DEMAND	2485	2571	2351	1541
STATE DEMAND MET	23360	22358	19746	17715
STATE DEMAND	23360	22358	19746	17715
Frequency (Hz)	50.03	49.95	50.00	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 18.03 Hrs	49.82 Hz at 12.20 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 16/Feb/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	6.21	0	0
Unit 7	0.00	5.60	0	0
Unit 8	12.30	190.82	555	400
Unit 9	10.99	173.50	518	410
Unit 10	12.00	125.72	540	451
Total	35.28	501.85		
Bhusawal				
Unit 3	2.03	2.03	145	0
Unit 4	11.26	173.76	475	405
Unit 5	11.15	170.00	480	435
Total	24.44	345.78		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	80.88	0	0
Unit 7	2.15	82.54	248	0
Unit 8	4.70	87.53	250	138
Total	6.84	250.95		
Chandrapur				
Unit 3	3.22	54.49	140	115
Unit 4	3.69	55.95	160	136
Unit 5	9.72	75.35	426	280
Unit 6	9.68	153.83	425	285
Unit 7	9.86	141.14	440	289
Unit 8	11.82	178.49	500	468
Unit 9	11.54	177.63	490	464
Total	59.53	836.89		
Paras				
Unit 3	5.21	79.36	244	150
Unit 4	4.54	68.02	247	0
Total	9.75	147.39		
Khaparkheda				
Unit 1	3.32	52.54	160	115
Unit 2	3.53	57.42	170	115
Unit 3	4.28	69.38	200	130
Unit 4	4.21	65.14	200	130
Unit 5	9.99	100.05	435	390
Total	25.32	344.55		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.10	54.88	147	122
Unit 5	0.00	0.00	0	0
Total	3.10	54.88		
Uran				
All Units	6.87	105.06	295	269
Total	6.87	105.06		
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	3.98	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	3.98		
Koyna				
Stage 1-2	1.56	49.55	320	35
Stage 4	1.34	46.83	500	0
Stage 3	0.51	21.03	160	0
Total	3.42	117.41		
Hydro				
KDPH	0.89	9.30	37	37
VTRNA	0.46	5.95	60	0
TILLARI	0.00	1.06	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	3.83	80	0
RNGR+BHTSA	0.31	5.56	14	13
BHANDARDRA	0.48	0.90	21	20
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.52	7.78	22	21
GHATGHAR	1.80	22.25	250	0
Total	4.77	56.64		
Wind				
Total	6.09	137.80	0	0
Total	6.09	137.80		
CPP				
APML(Mus)	59.30	901.36	0	0
JSWEL(Mus)	12.05	192.30	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	23.20	440.83	0	0
WPCL(Mus)	7.38	127.97	0	0
Other(Mus)	17.38	291.41	0	0
Total	119.31	1953.87		
SOLAR				
Total	6.98	124.11	0	0
Total	6.98	124.11		
Tata				
Trombay 5	0.00	62.20	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.77	38.03	116	104
Trombay 7B	1.60	22.31	67	64
Trombay 8	5.14	76.41	234	138
TATA Hydro	5.78	68.93	435	2
Total	15.29	267.88		
AEML				
DTPS U-1&2	11.26	157.80	502	285
Total	11.26	157.80		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	164.27	2482.29	MSPGCL Total	179.33	2761.39
			MSPGCL Thml+Gas	171.14	2587.35	Koyna 1,2 & 4 Total	2.91	96.38
			MSPGCL Hydro	8.20	174.04	State Total	338.25	5402.84

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/Feb/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	6885	138	294	7317	277	4198	0	0	5610	5706	-931	16567	0	16567	1722	18289	50.01
2	6841	138	295	7274	280	4227	0	0	5609	5584	-972	16393	0	16393	1636	18029	50.01
3	6709	138	284	7131	332	4273	0	0	5683	5371	-933	16174	0	16174	1541	17715	49.95
4	6724	138	295	7157	327	4267	0	0	5638	5384	-881	16254	0	16254	1487	17741	49.97
5	6926	137	294	7357	166	4250	0	0	5755	5606	-701	16678	0	16678	1466	18144	50.01
6	7108	137	294	7539	183	4546	0	0	5861	6130	-604	17794	0	17794	1523	19317	49.97
7	7220	424	295	7939	173	5368	0	0	6187	5845	-508	18817	0	18817	1628	20445	49.97
8	7299	892	295	8486	168	5604	0	88	6267	6271	-542	20075	0	20075	1758	21833	50.01
9	7322	1000	295	8617	202	5697	0	342	6680	6487	-685	20660	0	20660	1996	22656	50.02
10	7395	701	293	8389	123	5795	0	578	7138	7031	-925	20991	0	20991	2274	23265	50.02
11	7113	622	271	8006	118	5823	0	887	7533	7178	-1137	20875	0	20875	2485	23360	50.03
12	7097	575	291	7963	145	5871	0	1011	7441	7022	-1254	20758	0	20758	2585	23343	50.01
13	6967	409	269	7645	122	5426	0	1058	7129	6819	-1283	19787	0	19787	2571	22358	49.95
14	6867	377	279	7523	144	4906	0	1025	7018	6887	-1190	19295	0	19295	2467	21762	50.02
15	6906	272	269	7447	189	4909	0	856	7329	7391	-1104	19688	0	19688	2377	22065	50.01
16	6909	206	279	7394	233	5278	0	630	7159	7191	-1117	19609	0	19609	2385	21994	50.01
17	6835	202	270	7307	287	5485	0	387	6602	6617	-1087	18996	0	18996	2355	21351	50.00
18	6800	192	291	7283	288	5409	0	117	6284	5956	-1039	18014	0	18014	2330	20344	50.02
19	6709	207	281	7197	288	4780	0	1	6209	6057	-958	17365	0	17365	2304	19669	49.99
20	6689	510	292	7491	319	4697	0	0	5976	5887	-999	17395	0	17395	2351	19746	50.00
21	6407	229	283	6919	375	4629	0	0	6048	5665	-1000	16588	0	16588	2285	18873	50.02
22	6040	191	283	6514	395	4621	0	0	6153	6076	-1152	16454	0	16454	2147	18601	50.03
23	6149	201	293	6643	504	4624	0	0	6018	6065	-1067	16769	0	16769	2002	18771	49.96
24	6349	160	284	6793	449	4628	0	0	5849	5513	-919	16464	0	16464	1857	18321	49.99
MUs	164.27	8.20	6.87	179.33	6.09	119.31	0.00	6.98	153.18	149.74	-22.99	438.46	0.00	438.46	49.53	487.99	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 16/Feb/2021

Position as on 6.30 Hrs of 17/Feb/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
IPP	JSW (J) U4	300	28/01/2021	01.34		Continued.	Annual Overhaul	
TPC-G	Trombay 5	500	08/02/2021	00.10		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.	Economizer Tube Leakage. (Zero Schedule from 18:45hrs of 05.12.2020).	
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	
MSPGCL	Nasik Unit 3	210	03/12/2020	06.45		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019).	
IPP	Adani U-5	660	18/01/2021	21.00	16/02/2021	08.47	zero scheduled	
MSPGCL	Koyana Unit 11	80	19/01/2021	10.05		Continued.	Tripped on stator earth fault (will not be available till dt.18.04.21)	
MSPGCL	Bhusawal Unit 3	210	26/01/2021	00.00	16/02/2021	06.11	Zero schedule.	
IPP	JSW (J) U1	300	01/02/2021	18.00		Continued.	Due to turbine vibration high	
MSPGCL	Koradi Unit 6	210	02/02/2021	20.30		Continued.	ZERO Schedule by MSEDCL	
MSPGCL	Koradi Unit 7	210	02/02/2021	20.50		Continued.	ZERO Schedule by MSEDCL	
MSPGCL	Paras Unit 4	250	13/02/2021	03.54	16/02/2021	01.45	Coal bunker problem.	
MSPGCL	Parli Unit 6	250	16/02/2021	00.00		Continued.	Zero schedule.	
MSPGCL	Parli Unit 7	250	16/02/2021	10.15		Continued.	Zero schedule	
MSPGCL	Parli Unit 8	250	17/02/2021	00.00		Continued.	Zero schedule	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Feb/2021

Statement-VII

Position as on 6.30 Hrs of 17/Feb/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	15/02/2021	17.11		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	16/02/2021	09.46		Continued.	PO	Replacement of damaged earthwire and PID suspicious disc insulator replacement, other maintenance work.
Khadka-Aurangabad (Waluj)	IntraState	15/02/2021	19.53	16/02/2021	07.23	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	15/02/2021	20.12	16/02/2021	06.10	HT	Over Voltage
Nagothane - Dabhol I	IntraState	16/02/2021	11.01	16/02/2021	19.28	PO	E/W replacement work.
Padghe - Kalwa- I	IntraState	16/02/2021	17.24	16/02/2021	20.33	T	Distance Protection
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 ICT3@Bhusawal II (khadaka)	IntraState	16/02/2021	16.08	16/02/2021	20.33	HT	Due to minor amount of smoke observed near inspection plate near PRV of B-Ph unit.
400/220KV 315MVA ICT3@Bhusawal II (khadaka)	IntraState	16/02/2021	20.58		Continued.	HT	Smoke observed from top of ICT.
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)
Boiser(M)-Boiser(PG) -III	InterState	16/02/2021	04.00	16/02/2021	17.14	T	Distance Protection
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	20/08/2020	13.05	16/02/2021	19.51	PO	Erection of Tower Due to Railway Crossing
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	20/08/2020	13.06	16/02/2021	19.55	PO	Erection of Tower Due to Railway Crossing
Nalasopara-Boisar	IntraState	16/02/2021	04.00	16/02/2021	09.58	T	Distance Protection
Boisar Versova Line	IntraState	16/02/2021	04.07	16/02/2021	17.27	HT	Load Management
BOISAR BORIVALI	IntraState	16/02/2021	04.55	16/02/2021	17.28	HT	Load Management
Chinchwad-Hinjewadi I	IntraState	16/02/2021	10.34	16/02/2021	16.22	HT	Load management to avail outage on 220kv sahara bombay dyeing.
Pohali-Nerle	IntraState	16/02/2021	10.35	16/02/2021	18.30	PO	Cold washing of polymer insulator strings.
Alkud Miraj	IntraState	16/02/2021	12.50	16/02/2021	19.04	PO	Chemical washing of insulator strings.
220 KV ICT Outages/Trippings							
220/132kv 100mva Ptr 1 @Kharepatan	IntraState	16/02/2021	10.00	16/02/2021	17.32	PO	For the work of oil leakage arresting from CT terminal of LV bushing of ICT agency.

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