

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	156.509	2318.025	1) Gujrat	1.156	1.666
2) Hydro	9.834	165.849	2) Madhya Pradesh	8.075	91.108
3) Gas	6.876	98.186	3) Chattisgarh	4.900	78.880
Total MSPGCL	173.219	2582.060	4) Maharashtra	138.386	1990.475
B) 1) APML	54.734	842.056	5) Goa (Amona)	-1.226	-14.343
2) JSWEL	11.316	180.255	Total	151.291	2147.786
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.383	307.081
4) RPL(AMT)	27.561	417.630	b) Mumbai Drawl	23.756	327.385
5) WPCL	7.671	120.588	c) MSEDCL Bilateral *	30.625	424.155
6) Other IPP	17.706	274.028	Include PX	1.252	-23.828
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.383	303.034
C) 1) TPCL Thermal	4.966	133.463	Include PX	9.587	84.473
2) TPCL Hydro	5.531	63.151	Standby	0.000	4.047
3) TPCL Gas	4.392	55.975	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.814	146.543	1) MSEDCL	432.108	6485.860
D) STATE			2) Mumbai Discoms	49.459	726.519
1) Thermal	291.277	4432.588	TOTAL STATE	481.567	7212.379
(A1+C1+C4+(B1-B6))					
2) Hydro	15.365	229.000			
(A2+C2)					
3) Gas	11.268	154.161			
(A3+B7+C3)					
4) Wind	5.137	131.710			
6) SOLAR	7.229	117.132			
TOTAL STATE	330.276	5064.591			

* 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 4 Hrs
MSPGCL Thermal	6614	6629	6859	6350
MSPGCL Hydro	875	365	455	123
MSPGCL Gas	270	279	282	295
MSPGCL Total Generation	7759	7273	7596	6768
Central Sector Receipt	7346	7343	5726	5448
WIND	166	140	247	266
CPP / IPP Thermal	5467	5447	4802	4142
CPP / IPP Gas	0	0	0	0
SOLAR	1025	1067	0	0
Exchange with Mumbai	-1255	-1218	-1073	-849
MSEDCL DEMAND MET	20508	20052	17298	15775
Load Shedding	0	0	0	0
MSEDCL DEMAND	20508	20052	17298	15775
TPCL GENERATION	830	825	796	321
AEML GENERATION	501	500	501	284
MUMBAI DEMAND	2586	2543	2370	1454
STATE DEMAND MET	23094	22595	19668	17229
STATE DEMAND	23094	22595	19668	17229
Frequency (Hz)	49.97	49.99	50.03	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 18:03 Hrs	49.85 Hz at 16:55 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 15/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	13.00	178.53	588	452
Unit 9	2.72	162.52	487	0
Unit 10	11.32	113.72	535	352
Total	27.05	466.57		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.40	162.50	480	470
Unit 5	11.42	158.84	480	470
Total	22.82	321.35		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.20	80.88	250	157
Unit 7	5.14	80.39	248	194
Unit 8	5.49	82.84	250	208
Total	15.84	244.11		
Chandrapur				
Unit 3	3.25	51.28	141	131
Unit 4	3.53	52.26	155	130
Unit 5	8.93	65.63	405	273
Unit 6	9.74	144.16	425	305
Unit 7	10.02	131.28	430	324
Unit 8	11.54	166.67	492	468
Unit 9	11.32	166.10	480	462
Total	58.35	777.36		
Paras				
Unit 3	5.11	74.16	245	150
Unit 4	0.00	63.48	0	0
Total	5.11	137.63		
Khaparkheda				
Unit 1	3.06	49.22	145	115
Unit 2	3.12	53.90	145	115
Unit 3	3.92	65.11	180	145
Unit 4	3.78	60.94	185	132
Unit 5	10.38	90.06	455	400
Total	24.26	319.22		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.07	51.78	145	122
Unit 5	0.00	0.00	0	0
Total	3.07	51.78		
Uran				
All Units	6.88	98.19	296	268
Total	6.88	98.19		
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)	0.14	3.98	21	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.14	3.98		
Koyna				
Stage 1-2	1.88	47.98	280	35
Stage 4	2.82	45.48	740	0
Stage 3	0.94	20.52	160	0
Total	5.65	113.98		
Hydro				
KDPH	0.89	8.41	37	37
VTRNA	0.44	5.48	60	0
TILLARI	0.00	1.06	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.32	3.53	80	0
RNGR+BHTSA	0.32	5.25	14	13
BHANDARDRA	0.28	0.42	28	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.59	7.26	25	24
GHATGHAR	1.35	20.45	250	0
Total	4.19	51.86		
Wind				
Total	5.14	131.71	0	0
Total	5.14	131.71		
CPP				
APML(Mus)	54.73	842.06	0	0
JSWEL(Mus)	11.32	180.26	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	27.56	417.63	0	0
WPCL(Mus)	7.67	120.59	0	0
Other(Mus)	17.71	274.03	0	0
Total	118.99	1834.56		
SOLAR				
Total	7.23	117.13	0	0
Total	7.23	117.13		
Tata				
Trombay 5	0.00	62.20	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	35.26	116	116
Trombay 7B	1.61	20.72	67	67
Trombay 8	4.97	71.26	235	136
TATA Hydro	5.53	63.15	435	0
Total	14.89	252.59		
AEML				
DTPS U-1&2	10.81	146.54	502	282
Total	10.81	146.54		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	156.51	2318.02	MSPGCL Total	173.22	2582.06
			MSPGCL Thml+Gas	163.38	2416.21	Koyna 1,2 & 4 Total	4.70	93.47
			MSPGCL Hydro	9.83	165.85	State Total	330.28	5064.59

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/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	6145	133	294	6572	185	4687	0	0	5736	5604	-922	16126	0	16126	1675	17801	50.02
2	6195	123	294	6612	247	4487	0	0	5707	5556	-930	15972	0	15972	1565	17537	50.02
3	6240	128	294	6662	245	4161	0	0	5649	5680	-890	15858	0	15858	1494	17352	50.03
4	6350	123	295	6768	266	4142	0	0	5708	5448	-849	15775	0	15775	1454	17229	50.00
5	6357	128	295	6780	273	4502	0	0	5754	5825	-863	16517	0	16517	1467	17984	49.99
6	6374	123	294	6791	242	4887	0	0	6150	6086	-937	17069	0	17069	1550	18619	49.99
7	6490	459	295	7244	159	5292	0	0	6350	6271	-660	18306	0	18306	1692	19998	50.00
8	6495	1309	296	8100	170	5562	0	91	6284	6350	-612	19661	0	19661	1832	21493	50.04
9	6568	1270	294	8132	136	5622	0	364	6695	6577	-802	20029	0	20029	2111	22140	50.06
10	6493	1153	293	7939	156	5620	0	668	7217	7044	-962	20465	0	20465	2300	22765	50.02
11	6600	945	282	7827	170	5593	0	905	7322	7204	-1178	20521	0	20521	2531	23052	49.99
12	6614	875	270	7759	166	5467	0	1025	7517	7346	-1255	20508	0	20508	2586	23094	49.97
13	6629	365	279	7273	140	5447	0	1067	7412	7343	-1218	20052	0	20052	2543	22595	49.99
14	6457	223	268	6948	124	5198	0	1034	7305	7205	-1120	19390	0	19390	2422	21812	50.02
15	6447	205	289	6941	152	5117	0	922	7442	7519	-1141	19510	0	19510	2412	21922	49.96
16	6437	280	269	6986	197	5322	0	620	7441	7458	-1133	19450	0	19450	2400	21850	49.98
17	6598	409	279	7286	197	5432	0	421	6802	6574	-1094	18816	0	18816	2378	21194	49.95
18	6573	216	271	7060	206	5404	0	112	6623	6192	-1052	17922	0	17922	2345	20267	50.03
19	6689	225	291	7205	235	4951	0	0	6132	5860	-1063	17188	0	17188	2337	19525	50.01
20	6859	455	282	7596	247	4802	0	0	5601	5726	-1073	17298	0	17298	2370	19668	50.03
21	6816	205	292	7313	312	4533	0	0	5664	5526	-1091	16593	0	16593	2208	18801	50.03
22	6426	185	283	6894	299	4292	0	0	6040	5962	-1107	16340	0	16340	2075	18415	50.04
23	6780	179	284	7243	313	4247	0	0	5882	5646	-952	16497	0	16497	1917	18414	50.02
24	6877	118	293	7288	300	4222	0	0	5740	5289	-852	16247	0	16247	1795	18042	50.00
MUs	156.51	9.83	6.88	173.22	5.14	118.99	0.00	7.23	154.17	151.29	-23.76	432.11	0.00	432.11	49.46	481.57	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 15/Feb/2021

Position as on 6.30 Hrs of 16/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 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	
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		Continued.	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	Koradi Unit 9	660	14/02/2021	09.22	15/02/2021	15.43	Cooling Water Return line leakage.	
MSPGCL	Parli Unit 6	250	16/02/2021	00.00		Continued.	Zero schedule.	

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

Statement-VII

Position as on 6.30 Hrs of 16/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 II	InterState	12/02/2021	18.21	15/02/2021	08.19	HT	Over Voltage
Dabhol Nagothane I	InterState	15/02/2021	09.05	15/02/2021	21.00	PO	Earth Wire replacement work
Dhule Sar'Sarovar I	InterState	15/02/2021	17.11		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	14/02/2021	19.44	15/02/2021	07.43	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	14/02/2021	20.54	15/02/2021	07.37	HT	Over Voltage
Khadka- Deepnagar Ckt 2	IntraState	15/02/2021	09.08	15/02/2021	19.03	PO	Routine Maintenance Work
Parly(MS)- Nanded ckt II	IntraState	15/02/2021	09.31	15/02/2021	19.52	PO	Earth wire stringing and Bay Maint.work
Khadka-Aurangabad (Waluj)	IntraState	15/02/2021	19.53		Continued.	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	15/02/2021	20.12		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
400/220/33 Kv 315 MVA ICT -I @Nagothane	IntraState	15/02/2021	10.39	15/02/2021	19.50	PO	Routine Maintenance Work
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)
Borivali - Tarapur	InterState	15/02/2021	11.28	15/02/2021	18.55	PO	Line Maintenance work
Boiser(M)-Boiser(PG) -III	InterState	16/02/2021	04.00		Continued.	T	Distance Protection
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
Kharepatan -Pawas Line	IntraState	15/02/2021	08.34	15/02/2021	18.22	PO	Cold washing of Insulators
Koyna (Pophali) - Kdph	IntraState	15/02/2021	10.05	15/02/2021	18.15	PO	Replacement of Damaged Conductor
Karad(400kv) - Wathar	IntraState	15/02/2021	10.35	15/02/2021	18.22	PO	Insulator String Cleaning
Lamboti - Pandharpur li	IntraState	15/02/2021	14.48	15/02/2021	16.04	EO	PDR Problem
Shivajinagar - Malegaon	IntraState	15/02/2021	15.43	15/02/2021	18.53	PO	Replacement of Jumpers
Nalasopara-Boisar	IntraState	16/02/2021	04.00		Continued.	T	Distance Protection
Boisar Versova Line	IntraState	16/02/2021	04.07		Continued.	HT	Load Management
Boisar(M) - Ghodbunder	IntraState	16/02/2021	04.30	16/02/2021	04.37	HT	Load Management
BOISAR BORIVALI	IntraState	16/02/2021	04.55		Continued.	HT	Load Management
220 KV ICT Outages/Trippings							
220/132 Kv 200mva Kanohar Ict 3 @Bale (Solapur 2)	IntraState	12/02/2021	16.20	15/02/2021	11.34	PO	Outage is required for Oil Filtration work.
220/33kv 100 MVA Transformer 1 @Ghodbunder R/S	IntraState	15/02/2021	08.46	15/02/2021	20.29	PO	33KV AIS to GIS work
220/33kv 100 MVA Transformer 3 @Versova R/S	IntraState	15/02/2021	09.44	15/02/2021	19.45	PO	Erection of new cable support structure

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