

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	144.928	2161.516	1) Gujrat	0.910	0.510
2) Hydro	13.199	156.015	2) Madhya Pradesh	7.817	83.033
3) Gas	6.853	91.310	3) Chattisgarh	4.750	73.980
Total MSPGCL	164.980	2408.841	4) Maharashtra	140.227	1852.089
B) 1) APML	57.414	787.322	5) Goa (Amona)	-0.522	-13.117
2) JSWEL	11.492	168.939	Total	153.182	1996.495
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.120	284.698
4) RPL(AMT)	29.849	390.069	b) Mumbai Drawl	21.020	303.629
5) WPCL	7.791	112.917	c) MSEDCL Bilateral *	29.584	393.530
6) Other IPP	14.149	256.322	Include PX	1.436	-25.080
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.120	280.651
C) 1) TPCL Thermal	5.214	128.497	Include PX	8.160	74.886
2) TPCL Hydro	2.061	57.620	Standby	0.000	4.047
3) TPCL Gas	4.396	51.583	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.099	135.729	1) MSEDCL	428.988	6053.752
D) STATE			2) Mumbai Discoms	43.790	677.060
1) Thermal	281.936	4141.311	TOTAL STATE	472.778	6730.812
(A1+C1+C4+(B1-B6))					
2) Hydro	15.260	213.635			
(A2+C2)					
3) Gas	11.249	142.893			
(A3+B7+C3)					
4) Wind	3.699	126.573			
6) SOLAR	7.452	109.903			
TOTAL STATE	319.596	4734.315			

* 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	6067	6096	5861	6052
MSPGCL Hydro	1356	1022	172	116
MSPGCL Gas	280	269	281	295
MSPGCL Total Generation	7703	7387	6314	6463
Central Sector Receipt	7550	7375	5725	5661
WIND	92	54	144	292
CPP / IPP Thermal	5256	5252	5337	4642
CPP / IPP Gas	0	0	0	0
SOLAR	1081	1082	6	0
Exchange with Mumbai	-936	-998	-875	-890
MSEDCL DEMAND MET	20746	20152	16651	16168
Load Shedding	0	0	0	0
MSEDCL DEMAND	20746	20152	16651	16168
TPCL GENERATION	621	550	575	320
AEML GENERATION	500	500	499	283
MUMBAI DEMAND	2057	2048	1949	1493
STATE DEMAND MET	22803	22200	18600	17661
STATE DEMAND	22803	22200	18600	17661
Frequency (Hz)	50.01	50.00	50.04	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.25 Hz at 18.02 Hrs	49.81 Hz at 00.08 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 14/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	11.62	165.53	526	377
Unit 9	4.44	159.79	500	0
Unit 10	6.72	102.40	470	0
Total	22.79	439.52		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.26	151.10	480	450
Unit 5	11.00	147.42	475	430
Total	22.26	298.52		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.25	75.68	250	180
Unit 7	5.27	75.25	249	198
Unit 8	5.75	77.34	249	210
Total	16.27	228.27		
Chandrapur				
Unit 3	3.10	48.02	134	113
Unit 4	3.43	48.72	150	125
Unit 5	0.38	56.70	232	0
Unit 6	10.02	134.41	440	365
Unit 7	9.99	121.26	430	356
Unit 8	11.52	155.13	495	467
Unit 9	11.24	154.77	481	450
Total	49.68	719.02		
Paras				
Unit 3	4.82	69.04	230	122
Unit 4	0.00	63.48	0	0
Total	4.82	132.52		
Khaparkheda				
Unit 1	3.30	46.16	150	115
Unit 2	3.54	50.78	165	110
Unit 3	4.38	61.19	200	137
Unit 4	4.30	57.15	200	140
Unit 5	10.10	79.68	450	385
Total	25.62	294.96		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.50	48.70	199	123
Unit 5	0.00	0.00	0	0
Total	3.50	48.70		
Uran				
All Units	6.85	91.31	295	268
Total	6.85	91.31		
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)	0.20	3.84	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.20	3.84		
Koyna				
Stage 1-2	1.92	46.10	475	20
Stage 4	6.03	42.66	885	0
Stage 3	1.76	19.57	160	0
Total	9.70	108.34		
Hydro				
KDPH	0.89	7.52	37	37
VTRNA	0.41	5.04	60	0
TILLARI	0.00	1.06	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.25	3.21	80	0
RNGR+BHTSA	0.35	4.93	15	14
BHANDARDRA	0.14	0.14	27	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.61	6.67	26	25
GHATGHAR	0.85	19.10	250	0
Total	3.50	47.68		
Wind				
Total	3.70	126.57	0	0
Total	3.70	126.57		
CPP				
APML(Mus)	57.41	787.32	0	0
JSWEL(Mus)	11.49	168.94	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	29.85	390.07	0	0
WPCL(Mus)	7.79	112.92	0	0
Other(Mus)	14.15	256.32	0	0
Total	120.70	1715.57		
SOLAR				
Total	7.45	109.90	0	0
Total	7.45	109.90		
Tata				
Trombay 5	0.00	62.20	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	32.48	116	116
Trombay 7B	1.61	19.11	68	67
Trombay 8	5.21	66.30	234	137
TATA Hydro	2.06	57.62	226	0
Total	11.67	237.70		
AEML				
DTPS U-1&2	11.10	135.73	501	283
Total	11.10	135.73		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	144.93	2161.52	MSPGCL Total	164.98	2408.84
			MSPGCL Thml+Gas	151.78	2252.83	Koyna 1,2 & 4 Total	7.95	88.76
			MSPGCL Hydro	13.20	156.02	State Total	319.60	4734.32

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/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	6033	121	294	6448	182	4914	0	0	5699	5754	-800	16498	0	16498	1742	18240	49.97
2	6071	121	294	6486	259	5033	0	0	5646	5403	-810	16371	0	16371	1627	17998	50.00
3	6067	121	295	6483	319	4886	0	0	5615	5587	-907	16368	0	16368	1540	17908	50.03
4	6052	116	295	6463	292	4642	0	0	5644	5661	-890	16168	0	16168	1493	17661	49.99
5	6075	231	294	6600	300	4754	0	0	5779	5854	-890	16618	0	16618	1496	18114	49.99
6	6173	161	295	6629	261	5092	0	0	6322	6144	-889	17237	0	17237	1563	18800	49.99
7	6248	953	295	7496	173	5236	0	2	6264	6351	-608	18650	0	18650	1633	20283	50.01
8	6303	1538	295	8136	161	5320	0	99	6171	6422	-565	19572	0	19572	1676	21248	50.05
9	6272	1170	295	7737	138	5238	0	388	6695	6820	-729	19592	0	19592	1798	21390	50.04
10	5955	1373	293	7621	123	5295	0	683	7092	7209	-832	20099	0	20099	1917	22016	49.99
11	5937	1408	271	7616	95	5254	0	884	7417	7592	-903	20538	0	20538	2027	22566	50.02
12	6067	1356	280	7703	92	5256	0	1081	7559	7550	-936	20746	0	20746	2057	22803	50.01
13	6096	1022	269	7387	54	5252	0	1082	7479	7375	-998	20152	0	20152	2048	22200	50.00
14	6110	693	277	7080	48	5247	0	1047	7442	7215	-1011	19626	0	19626	1973	21599	50.04
15	6070	293	268	6631	47	5084	0	898	7613	7313	-959	19014	0	19014	1916	20930	50.06
16	6113	475	269	6857	54	5062	0	718	7633	7509	-921	19279	0	19279	1885	21164	50.02
17	6001	629	279	6909	65	5104	0	439	6652	6658	-886	18289	0	18289	1868	20157	50.00
18	5854	391	280	6525	87	5270	0	125	5954	5975	-810	17172	0	17172	1865	19037	50.02
19	5861	172	281	6314	144	5337	0	6	5909	5725	-875	16651	0	16651	1949	18600	50.04
20	5944	181	291	6416	169	5414	0	0	5971	5422	-904	16518	0	16518	2047	18565	50.03
21	5721	185	272	6178	226	4744	0	0	6019	5775	-1045	15878	0	15878	2029	17906	50.00
22	5709	183	293	6185	185	4268	0	0	5972	6222	-1012	15848	0	15848	1976	17824	50.00
23	6052	184	283	6519	102	4300	0	0	5899	6017	-961	15978	0	15978	1874	17852	50.02
24	6144	122	295	6561	123	4690	0	0	5817	5629	-879	16124	0	16124	1791	17915	50.02
MUs	144.93	13.20	6.85	164.98	3.70	120.69	0.00	7.45	154.26	153.18	-21.02	428.99	0.00	428.99	43.79	472.78	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 14/Feb/2021

Position as on 6.30 Hrs of 15/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		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)	
MSPGCL	Bhusawal Unit 3	210	26/01/2021	00.00		Continued.	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	Chandrapur Unit 5	500	06/02/2021	20.16	14/02/2021	21.52	Clinker Formation In Boiler.	
MSPGCL	Koradi Unit 10	660	09/02/2021	15.10	14/02/2021	05.01	Boiler Tube Leakage	
MSPGCL	Paras Unit 4	250	13/02/2021	03.54		Continued.	Coal bunker problem.	
IPP	Dhariwal	300	14/02/2021	00.00	14/02/2021	16.21	ESP problem.	
MSPGCL	Koradi Unit 9	660	14/02/2021	09.22		Continued.	Cooling Water Return line leakage.	

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

Statement-VII

Position as on 6.30 Hrs of 15/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		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	13/02/2021	22.43	14/02/2021	05.53	HT	Over Voltage
Girwali- Lonikand 2	IntraState	14/02/2021	11.21	14/02/2021	18.38	PO	Line Maintenance work
Khadka-Aurangabad (Waluj)	IntraState	14/02/2021	19.44		Continued.	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	14/02/2021	20.54		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 Kv 500 MVA ICT-I @Kalwa	IntraState	14/02/2021	06.21	14/02/2021	07.38	PO	Oil Leakage Arresting From Y-Phase HV Turret By Nut Bolt Tightening.
400/220/33 Kv 600 MVA ICT 4 @Padghe	IntraState	14/02/2021	09.09	14/02/2021	22.24	PO	Attending Oil Leakage
400/220/33 Kv 500 Mva Ict 2 @ CHANDRAPUR 2	IntraState	14/02/2021	12.05	14/02/2021	15.44	PO	Connection of online DGA Set's outlet To 50 NB Gate Valve of Main Tank & commissioning thereafter for 440/220/33kv ICT-2 & Spare ICT.
400/220/33 kv 105 MVA Spare ICT @Chandrapur GCR	IntraState	14/02/2021	16.08	14/02/2021	17.25	PO	Connection Of Online DGA Sets Outlet To 50 NB gate Valve Of Main Tank.
400 KV BR Outages/Trippings							
80MVAR Bus reactor @Nagothane	IntraState	14/02/2021	20.54		Continued.	EO	Differential protection
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 Salsette 1 Backbay	IntraState	14/02/2021	08.05	14/02/2021	18.05	PO	For Metro-6 Height Raising Work.
220 KV JALKOT - NANDED (KUMBHARGAON) CKT - 2	IntraState	14/02/2021	08.32	14/02/2021	18.52	PO	stringing Work Of 220KV Krishnorr Nanded Ckt I.
Phophali Stg I Bus section II	IntraState	14/02/2021	10.40	14/02/2021	22.10	PO	Replacement of 220kv SF6 Breaker pole & main bus Side CT of R-Phase,Replacement of R & Y Ph Stage 2 Side Isolator to Main bus Conductor of 220kv junction Bay.
Talandge(400kv)- Ichalkaranji ckt-2	IntraState	14/02/2021	14.05	14/02/2021	19.35	T	Distance Protection
Talandge(400kv)- Ichalkaranji ckt-1	IntraState	14/02/2021	14.05	14/02/2021	14.22	T	Back up over current.
Miraj - Mhaishal	IntraState	14/02/2021	14.05	14/02/2021	14.44	T	Back up over current.
Kadegaon-Miraj	IntraState	14/02/2021	14.05	14/02/2021	14.16	T	Back up over current.
Alkud Miraj	IntraState	14/02/2021	14.05	14/02/2021	14.30	T	Back up over current.
Miraj-Ichalkaranji I	IntraState	14/02/2021	14.05	14/02/2021	19.51	T	Back up over current.
Vita Alkud	IntraState	14/02/2021	14.05	14/02/2021	14.37	T	Back up over current.
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.
Saki : 220 / 110 / 33 250 MVA ICT 2	IntraState	14/02/2021	08.25	14/02/2021	18.05	PO	Routine 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 14/Feb/2021

Statement-VII

Position as on 6.30 Hrs of 15/Feb/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Testing.