

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	169.832	2391.208	1) Gujrat	1.774	40.446
2) Hydro	13.170	224.746	2) Madhya Pradesh	14.434	188.240
3) Gas	6.982	89.976	3) Chattisgarh	4.100	51.810
Total MSPGCL	189.984	2705.930	4) Maharashtra	135.790	1975.205
B) 1) APLM	58.661	833.061	5) Goa (Amona)	-1.092	-17.010
2) JSWEL	11.928	178.953	Total	155.006	2238.691
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.822	389.938
4) RPL(AMT)	31.351	430.771	b) Mumbai Drawl	25.777	404.682
5) SWPGPL	7.577	118.174	c) MSEDCL Bilateral *	33.409	505.665
6) Other IPP	18.836	262.039	Include PX	2.167	59.553
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.822	389.380
C) 1) TPCL Thermal	5.604	77.781	Include PX	11.410	210.606
2) TPCL Hydro	2.283	87.949	Standby	0.000	0.558
3) TPCL Gas	4.377	50.657	H) ENERGY CATERED (MUs)		
4) AEML Thermal	12.003	166.750	1) MSEDCL	461.599	6587.950
D) STATE			2) Mumbai Discoms	50.044	787.817
1) Thermal	315.792	4458.737	TOTAL STATE	511.643	7375.767
(A1+C1+C4+(B1-B6))					
2) Hydro	15.453	312.695			
(A2+C2)					
3) Gas	11.359	140.633			
(A3+B7+C3)					
4) Wind	6.719	111.060			
6) SOLAR	7.314	113.953			
TOTAL STATE	356.637	5137.078			

* 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 3 Hrs
MSPGCL Thermal	7088	7093	7030	7092
MSPGCL Hydro	851	890	412	148
MSPGCL Gas	267	265	268	292
MSPGCL Total Generation	8206	8248	7710	7532
Central Sector Receipt	7469	7068	5817	6069
WIND	209	95	332	256
CPP / IPP Thermal	5392	5377	5116	5414
CPP / IPP Gas	0	0	0	0
SOLAR	933	978	7	0
Exchange with Mumbai	-1256	-1298	-1031	-993
MSEDCL DEMAND MET	20953	20468	17951	18278
Load Shedding	0	0	0	0
MSEDCL DEMAND	20953	20468	17951	18278
TPCL GENERATION	461	442	618	418
AEML GENERATION	500	499	500	501
MUMBAI DEMAND	2217	2239	2149	1912
STATE DEMAND MET	23170	22707	20100	20190
STATE DEMAND	23170	22707	20100	20190
Frequency (Hz)	49.96	49.97	50.04	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.25 Hz at 18.01 Hrs	49.77 Hz at 21.07 Hrs	49.99	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/Mar/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.42	39.05	170	130
Unit 7	3.20	32.30	144	125
Unit 8	12.14	153.24	526	468
Unit 9	10.47	155.35	455	400
Unit 10	11.72	158.22	530	425
Total	40.94	538.16		
Bhusawal				
Unit 3	4.00	56.68	185	125
Unit 4	7.14	149.68	400	0
Unit 5	11.48	163.32	500	455
Total	22.62	369.68		
Parli				
Unit 6	0.00	71.21	0	0
Unit 7	5.63	51.23	248	192
Unit 8	5.65	79.08	250	208
Total	11.28	201.53		
Chandrapur				
Unit 3	3.28	43.75	145	123
Unit 4	3.43	50.11	147	140
Unit 5	10.06	140.93	430	395
Unit 6	10.12	139.68	428	415
Unit 7	0.00	0.00	0	0
Unit 8	11.76	165.16	500	444
Unit 9	11.34	159.81	491	446
Total	49.99	699.44		
Paras				
Unit 3	5.09	70.81	240	198
Unit 4	5.48	38.49	246	121
Total	10.57	109.30		
Khaparkheda				
Unit 1	2.98	44.40	130	115
Unit 2	3.79	53.38	165	135
Unit 3	4.79	64.22	206	180
Unit 4	4.30	61.44	197	157
Unit 5	10.91	147.76	492	430
Total	26.78	371.22		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.82	55.04	200	121
Unit 5	3.83	46.86	199	126
Total	7.64	101.90		
Uran				
All Units	6.98	89.98	386	255
Total	6.98	89.98		
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)	0.29	2.03	25	0
Total	0.29	2.03		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.74	56.25	430	40
Stage 4	4.90	78.30	500	0
Stage 3	1.64	29.18	160	0
Total	9.28	163.73		
Hydro				
KDPH	0.86	9.84	36	36
VTRNA	0.83	5.60	60	0
TILLARI	0.46	6.46	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	5.03	80	0
RNGR+BHTSA	0.32	4.76	14	13
BHANDARDRA	0.33	6.01	14	13
ELDARY	0.36	4.25	15	14
SMLHY_PTN	0.39	6.95	17	16
GHATGHAR	0.11	12.12	80	0
Total	3.89	61.02		
Wind				
Total	6.72	111.06	0	0
Total	6.72	111.06		
CPP				
APML(Mus)	58.66	833.06	0	0
JSWEL(Mus)	11.93	178.95	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.35	430.77	0	0
SWPGPL-Mus	7.58	118.17	0	0
Other(Mus)	18.84	262.04	0	0
Total	128.35	1823.00		
SOLAR				
Total	7.31	113.95	0	0
Total	7.31	113.95		
Tata				
Trombay 5	0.00	0.00	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	30.95	117	112
Trombay 7B	1.61	19.71	68	66
Trombay 8	5.60	77.78	235	232
TATA Hydro	2.28	87.95	223	0
Total	12.26	216.39		
AEML				
DTPS U-1&2	12.00	166.75	502	499
Total	12.00	166.75		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	169.83	2391.21	MSPGCL Total	189.98	2705.93
			MSPGCL Thml+Gas	176.81	2481.18	Koyna 1,2 & 4 Total	7.64	134.55
			MSPGCL Hydro	13.17	224.75	State Total	356.64	5137.08

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/Mar/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	7150	408	282	7840	326	5477	0	0	6349	6090	-1204	18529	0	18529	2137	20666	49.96
2	7141	328	282	7751	238	5413	0	0	6275	6246	-1099	18549	0	18549	2017	20566	49.94
3	7092	148	292	7532	256	5414	0	0	6267	6069	-993	18278	0	18278	1912	20190	49.95
4	7068	198	283	7549	293	5485	0	0	6303	6123	-911	18539	0	18539	1828	20367	49.96
5	7006	414	294	7714	340	5485	0	0	6192	6285	-876	18948	0	18948	1793	20741	49.98
6	7068	651	293	8012	300	5443	0	0	6376	6405	-903	19257	0	19257	1829	21086	50.02
7	7085	1147	273	8505	412	5489	0	6	6740	6670	-755	20327	0	20327	1845	22172	50.03
8	7154	1120	294	8568	350	5520	0	163	6752	6790	-741	20650	0	20650	1861	22511	50.04
9	7236	677	292	8205	343	5505	0	456	6540	6409	-808	20110	0	20110	1938	22048	50.06
10	7246	598	270	8114	425	5515	0	792	6475	6336	-898	20284	0	20284	2040	22324	50.02
11	7161	414	279	7854	326	5420	0	863	7038	6978	-1101	20340	0	20340	2173	22513	49.99
12	7088	851	267	8206	209	5392	0	933	7518	7469	-1256	20953	0	20953	2217	23170	49.96
13	7093	890	265	8248	95	5377	0	978	7144	7068	-1298	20468	0	20468	2239	22707	49.97
14	7066	834	266	8166	91	5394	0	1053	6998	6841	-1253	20292	0	20292	2193	22485	50.03
15	7030	739	255	8024	72	5331	0	841	7545	7385	-1242	20411	0	20411	2184	22595	50.00
16	7004	733	266	8003	72	5341	0	685	7713	7611	-1201	20511	0	20511	2159	22670	49.99
17	7187	713	267	8167	109	5397	0	401	7103	6671	-1119	19626	0	19626	2129	21755	49.98
18	7165	679	268	8112	133	5335	0	136	6490	6032	-1002	18746	0	18746	2100	20846	50.01
19	7030	412	268	7710	332	5116	0	7	6009	5817	-1031	17951	0	17951	2149	20100	50.04
20	7096	280	282	7658	320	5010	0	0	6006	5924	-1135	17777	0	17777	2263	20040	49.99
21	7067	275	325	7667	340	4787	0	0	6037	5877	-1149	17522	0	17522	2273	19795	49.93
22	7010	280	386	7676	409	4966	0	0	5988	5516	-1202	17365	0	17365	2263	19628	49.92
23	6764	214	361	7339	515	5284	0	0	6163	6107	-1288	17957	0	17957	2239	20196	49.94
24	6825	167	372	7364	413	5457	0	0	6433	6287	-1312	18209	0	18209	2263	20472	50.02
MUs	169.83	13.17	6.98	189.98	6.72	128.35	0.00	7.31	158.45	155.01	-25.78	461.60	0.00	461.60	50.04	511.64	49.99

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/Mar/2021

Position as on 6.30 Hrs of 15/Mar/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 5	500	08/02/2021	00.10	15/03/2021	03.49	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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	Uran Unit 8	108	01/03/2020	20.57	14/03/2021	20.00	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. 21-01-2021).	
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)	
IPP	JSW (J) U1	300	01/02/2021	18.00		Continued.	Due to turbine vibration high	
MSPGCL	Chandrapur Unit 7	500	20/02/2021	23.43		Continued.	Generator Earth Fault.	
IPP	Adani U-2	660	04/03/2021	00.10		Continued.	Increase Hydrogen Consumption	
MSPGCL	Parli Unit 6	250	13/03/2021	23.43	15/03/2021	07.04	Boiler validity work	
MSPGCL	Bhusawal Unit 4	500	14/03/2021	21.55		Continued.	Boiler Flame Failure.	
MSPGCL	Uran Unit 8	108	15/03/2021	05.57		Continued.	Trail Run.	

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

Statement-VII

Position as on 6.30 Hrs of 15/Mar/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	12/03/2021	09.27		Continued.	PO	Replacement of damaged earthwire and PID suspicious disc insulator replacement, other maintenance work.
Girwali - Lonikand 1	IntraState	14/03/2021	12.54	14/03/2021	19.25	PO	Hardware Tightening & fitting Work.
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.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
Boiser(M)-Boiser(PG) -III	InterState	14/03/2021	09.04	14/03/2021	18.47	PO	WT Replacement work
220kv Halkarni- Tillary	IntraState	06/03/2021	09.02		Continued.	PO	Replacement Of Circuit Breaker At Tillary End.
ALKUD - MENDHEGIRI CKT - 1	IntraState	07/03/2021	09.18		Continued.	PO	For Erection Of 220Kv M/C Tower In R/O New 'K' Mahakal-Jath Line Near 220KV Mendhigiri-Alkud Line.
Kalmeshwar-Pandhurna	IntraState	08/03/2021	14.01		Continued.	PO	Routine Maintenance Work
Waluj - Degaon Rangari	IntraState	13/03/2021	13.47	14/03/2021	14.51	PO	Height Raising/Shifting Of Tree Location For Smruddhi Highway Crossing.
Dhule-Amalner(220kv)	IntraState	14/03/2021	06.50	14/03/2021	07.43	T	LTS Op At 400 KV Dhule S/S.132KV Amalner And Parola Tripped Load Of 67 MW Affected.
Boisar Versova Line	IntraState	14/03/2021	08.50	14/03/2021	18.53	HT	HT For Load Management.
BOISAR BORIVALI	IntraState	14/03/2021	08.55	14/03/2021	18.55	HT	HT For Load Management.
UTECH SUGAR BABHALESHWAR	IntraState	14/03/2021	09.06	14/03/2021	10.45	PO	Diagnostic testing Work.
Aurangabad (waluj)-Taptitanda ckt-2	IntraState	14/03/2021	11.52	14/03/2021	20.03	HT	Reorientation Work Of Waluj TT Ckt 1.
Babhaleshwar - Degaon Rangari	IntraState	14/03/2021	13.00	14/03/2021	14.51	PO	Diagnostic testing Work.
Chalisingaon -Babhaleshwar	IntraState	14/03/2021	16.56	14/03/2021	18.16	PO	Diagnostic testing Work.
Dhule-Chalisingaon	IntraState	14/03/2021	18.30	14/03/2021	22.53	HT	Outage Of Dhule ICT.
EKLAHRE (GCR)Nashik-Airoli Knowledge Park	IntraState	14/03/2021	18.46	14/03/2021	20.07	HT	to Facilitate outage on 220KV Nashik-Babhaleshwar-CKT-1.
Miraj - Tilwani	IntraState	14/03/2021	19.13	14/03/2021	19.30	T	B-PH to Earth Fault.9 KM, 7 KAMP. From Miraj.
Eklahara(Gcr)(Nasik)- Bableshwar-I	IntraState	14/03/2021	19.17	14/03/2021	20.05	PO	Line Signature Analysis.
220 KV ICT Outages/Trippings							
220/100 Kv 125 Mva Hel Ict 2 @Jambhul	IntraState	14/03/2021	08.36	14/03/2021	17.15	EO	Emergency outage For attending Oil Leakage from Top Plate.

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