

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/Apr/2021 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	151.760	2863.295	1) Gujrat	-3.048	9.120
2) Hydro	22.375	407.622	2) Madhya Pradesh	13.802	284.311
3) Gas	6.794	113.454	3) Chattisgarh	4.520	78.970
Total MSPGCL	180.929	3384.371	4) Maharashtra	157.236	2899.828
B) 1) APML	60.341	1209.406	5) Goa (Amona)	-1.738	-25.351
2) JSWEL	12.522	246.196	Total	170.772	3246.878
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.396	455.017
4) RPL(AMT)	31.370	576.175	b) Mumbai Drawl	24.584	452.261
5) SWPGPL	9.103	159.110	c) MSEDCL Bilateral *	51.706	896.709
6) Other IPP	19.374	404.596	Include PX	19.416	322.841
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.396	454.903
C) 1) TPCL Thermal	15.681	290.283	Include PX	7.366	114.833
2) TPCL Hydro	4.125	59.344	Standby	0.000	0.114
3) TPCL Gas	2.781	56.641	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.518	219.123	1) MSEDCL	488.086	9175.454
D) STATE			2) Mumbai Discoms	58.689	1077.654
1) Thermal	311.669	5968.184	TOTAL STATE	546.775	10253.108
(A1+C1+C4+(B1-B6))					
2) Hydro	26.500	466.966			
(A2+C2)					
3) Gas	9.575	170.095			
(A3+B7+C3)					
4) Wind	19.849	251.167			
6) SOLAR	8.410	149.816			
TOTAL STATE	376.003	7006.228			

* 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 15 Hrs	C. Evening Peak at 22 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6500	6452	6170	6161
MSPGCL Hydro	1333	929	913	330
MSPGCL Gas	294	273	296	288
MSPGCL Total Generation	8127	7654	7379	6779
Central Sector Receipt	8179	8554	5928	6643
WIND	368	437	1191	1138
CPP / IPP Thermal	5474	5504	5597	5523
CPP / IPP Gas	0	0	0	0
SOLAR	1132	954	0	0
Exchange with Mumbai	-1116	-1144	-860	-1182
MSEDCL DEMAND MET	22164	21959	19235	18901
Load Shedding	0	0	0	0
MSEDCL DEMAND	22164	21959	19235	18901
TPCL GENERATION	1131	1090	1084	538
AEML GENERATION	500	500	501	331
MUMBAI DEMAND	2747	2734	2445	2051
STATE DEMAND MET	24911	24693	21680	20952
STATE DEMAND	24911	24693	21680	20952
Frequency (Hz)	50.04	49.87	49.98	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 13:02 Hrs	49.73 Hz at 14:25 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 19/Apr/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.01	31.53	180	135
Unit 7	3.05	44.22	138	112
Unit 8	12.08	207.20	576	362
Unit 9	8.04	169.12	416	232
Unit 10	8.34	103.93	380	300
Total	35.51	556.00		
Bhusawal				
Unit 3	4.37	56.70	190	170
Unit 4	11.48	186.77	480	470
Unit 5	11.36	218.91	500	445
Total	27.20	462.38		
Parli				
Unit 6	4.42	99.33	190	177
Unit 7	4.34	103.93	184	176
Unit 8	4.44	93.26	198	181
Total	13.20	296.52		
Chandrapur				
Unit 3	3.56	33.76	151	145
Unit 4	0.00	0.00	0	0
Unit 5	10.13	185.01	430	390
Unit 6	0.00	146.96	0	0
Unit 7	0.00	0.00	0	0
Unit 8	11.08	221.77	488	438
Unit 9	10.69	207.16	465	413
Total	35.46	794.66		
Paras				
Unit 3	5.46	101.24	250	150
Unit 4	5.98	104.98	255	210
Total	11.45	206.23		
Khaparkheda				
Unit 1	2.67	51.15	120	95
Unit 2	0.00	41.06	0	0
Unit 3	3.93	67.52	175	140
Unit 4	3.49	62.57	160	125
Unit 5	9.80	174.39	455	355
Total	19.90	396.69		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.54	73.27	198	125
Unit 5	4.50	77.55	199	128
Total	9.04	150.82		
Uran				
All Units	6.79	113.45	308	273
Total	6.79	113.45		
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	1.16	25	0
Total	0.14	1.16		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.30	90.88	550	40
Stage 4	8.22	131.49	927	0
Stage 3	2.49	48.50	192	0
Total	15.01	270.87		
Hydro				
KDPH	0.86	16.38	36	36
VTRNA	1.06	17.76	60	0
TILLARI	0.46	7.60	58	0
BHIRA T.R.	0.12	2.80	63	0
SMLHY_PTN	4.86	89.56	226	173
GHATGHAR	0.00	2.65	0	0
Total	7.37	136.75		
Wind				
Total	19.85	251.17	0	0
Total	19.85	251.17		
CPP				
APML(Mus)	60.34	1209.41	0	0
JSWEL(Mus)	12.52	246.20	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.37	576.18	0	0
SWPGPL-Mus	9.10	159.11	0	0
Other(Mus)	19.37	404.60	0	0
Total	132.71	2595.48		
SOLAR				
Total	8.41	149.82	0	0
Total	8.41	149.82		
Tata				
Trombay 5	10.31	191.75	483	281
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.57	33.19	72	62
Trombay 7B	1.21	23.45	54	49
Trombay 8	5.37	98.53	240	139
TATA Hydro	4.12	59.34	345	0
Total	22.59	406.27		
AEML				
DTPS U-1&2	11.52	219.12	502	286
Total	11.52	219.12		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	151.76	2863.30	MSPGCL Total	180.93	3384.37
			MSPGCL Thml+Gas	158.55	2976.75	Koyna 1,2 & 4 Total	12.52	222.38
			MSPGCL Hydro	22.38	407.62	State Total	376.00	7006.23

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/Apr/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	6340	458	287	7085	1367	5517	0	0	6968	6796	-1150	19615	0	19615	2532	22147	50.05
2	6286	332	276	6894	1290	5484	0	0	7291	6813	-1245	19236	0	19236	2328	21564	50.06
3	6142	337	297	6776	1298	5517	0	0	6665	6809	-1337	19063	0	19063	2162	21225	49.98
4	6161	330	288	6779	1138	5523	0	0	6690	6643	-1182	18901	0	18901	2051	20952	49.98
5	6308	327	277	6912	1102	5534	0	0	6804	6828	-952	19424	0	19424	2015	21439	49.99
6	6335	335	308	6978	959	5540	0	0	7611	7481	-957	20001	0	20001	2082	22083	49.98
7	6379	766	288	7433	913	5551	0	54	7765	7772	-887	20836	0	20836	2057	22893	49.98
8	6459	647	278	7384	754	5513	0	237	7921	7658	-814	20732	0	20732	2134	22866	50.03
9	6486	914	287	7687	456	5530	0	574	7333	7673	-940	20980	0	20980	2347	23327	50.01
10	6453	1219	285	7957	348	5506	0	841	7609	7619	-1065	21206	0	21206	2577	23783	49.99
11	6461	1182	274	7917	379	5496	0	1029	7771	8086	-1131	21776	0	21776	2728	24504	50.01
12	6500	1333	294	8127	368	5474	0	1132	8071	8179	-1116	22164	0	22164	2747	24911	50.04
13	6519	1000	273	7792	346	5487	0	1152	8270	8036	-1101	21712	0	21712	2710	24422	50.03
14	6448	736	273	7457	388	5504	0	1081	8414	8403	-1082	21751	0	21751	2660	24411	50.01
15	6452	929	273	7654	437	5504	0	954	8668	8554	-1144	21959	0	21959	2734	24693	49.87
16	6342	1326	273	7941	441	5513	0	726	8557	8335	-1170	21786	0	21786	2769	24555	49.93
17	6272	1769	283	8324	545	5508	0	441	7604	7430	-1087	21161	0	21161	2683	23844	49.99
18	6185	1593	274	8052	714	5500	0	179	6746	6519	-982	19982	0	19982	2535	22517	50.01
19	6194	987	285	7466	851	5557	0	10	6040	5496	-856	18524	0	18524	2389	20913	50.02
20	6171	1010	285	7466	934	5594	0	0	5920	5906	-799	19101	0	19101	2420	21521	50.01
21	6213	768	277	7258	1212	5574	0	0	5992	5686	-904	18826	0	18826	2431	21257	50.03
22	6170	913	296	7379	1191	5597	0	0	5974	5928	-860	19235	0	19235	2445	21680	49.98
23	6216	1350	286	7852	1193	5599	0	0	6125	6274	-858	20060	0	20060	2540	22600	49.98
24	6268	1814	277	8359	1225	5588	0	0	6115	5848	-965	20055	0	20055	2613	22668	49.91
MUs	151.76	22.38	6.79	180.93	19.85	132.71	0.00	8.41	172.92	170.77	-24.58	488.09	0.00	488.09	58.69	546.77	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 19/Apr/2021

Position as on 6.30 Hrs of 20/Apr/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Chandrapur Unit 4	210	16/03/2021	08.08		Continued.	Boiler Tube Leakage(converted to Capital overhaul)	
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
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. (NO PPA From 20.05.2019)	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal shortage.(NO PPA From 20.05.2019)	
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. 21-01-2021).	
MSPGCL	Koyna Unit 11	80	19/01/2021	10.05		Continued.	Tripped on stator earth fault (will not be available till dt.12.05.21)	
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.	
MSPGCL	Uran Unit 5	108	02/04/2021	23.19		Continued.	Gas shortage	
IPP	JSW (J) U4	300	11/04/2021	03.02		Continued.	NO SCHEDULE.	
MSPGCL	Khaparkheda Unit 2	210	15/04/2021	16.54		Continued.	Critical coal stock position	
MSPGCL	Chandrapur Unit 6	500	16/04/2021	23.58		Continued.	Boiler validity expiry.	
IPP	Adani U-3	660	17/04/2021	20.55		Continued.	APH-A Hot Bellow leakage	
MSPGCL	Ghatghar Unit-1	125	18/04/2021	18.00		Continued.	Bypass Work.	
IPP	RPL(AMT) U-1	270	20/04/2021	01.00		Continued.	Bottom Ash System Problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Apr/2021

Statement-VII

Position as on 6.30 Hrs of 20/Apr/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Ektuni - Akola II Ckt I	IntraState	06/04/2021	06.46		Continued.	PO	Nagpur-Mumbai Express Highway Work.
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	19/04/2021	18.45		Continued.	HT	Over Voltage
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	18/03/2021	15.48		Continued.	EO	Attending Hot Spot
Padghe - Nagothane - II	IntraState	19/04/2021	09.16	19/04/2021	19.12	EO	4 no of string replacement work done at loc no 101A.
Warora-Tirora-li	IntraState	19/04/2021	13.46	19/04/2021	15.47	T	Warora End B-PH D=114Km If=2.84KA Tiroda End B-PH Z1 D=105 Km If=3.19 Ka.
Lonikand 1 - Talegaon(Pgcil)	IntraState	19/04/2021	18.19	19/04/2021	21.10	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.
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)
Trombay - Kalwa	IntraState	14/04/2021	12.27		Continued.	PO	Conductor replacement.
Warora - Hinganghat	IntraState	16/04/2021	18.10		Continued.	HT	Original ckt is Warora Wardha ckt.
Badnera - Nandgaonpeth	IntraState	19/04/2021	06.40	19/04/2021	08.57	PO	Replacement of flashover Discs at Location no.67 R-PH 2.Line Signature Analysis.
Nalasopara-Boisar	IntraState	19/04/2021	09.16	19/04/2021	19.12	PO	Pre monsoon maintenance Work & Replacement Of stub bus Conductor At 220/22 kv.
Ambazari-Abhijeet	IntraState	19/04/2021	09.29	19/04/2021	12.54	PO	For Yearly Diagnostic testing Work.
Hingoli- Girawali	IntraState	19/04/2021	11.42	19/04/2021	12.01	T	Distance Protection
Jejuri- Ismt- Lonand	IntraState	19/04/2021	17.26	19/04/2021	20.36	PO	Lowering of 22KV WalheAG line in span 46 to 47 of 220 kV Jejuri - Lonand line due to low clearance.
220 KV ICT Outages/Trippings							
220/33kv 100 MVA Transformer 3 @Ghodbunder R/S	IntraState	19/04/2021	09.43	19/04/2021	11.04	PO	PT Fuse replacement of 33kv Sw. No. 23 (R phase).
220/110 Kv 200 Mva Vel Ptr 1 @Kolhapur-li (Mudshingi)	IntraState	19/04/2021	10.00	19/04/2021	15.10	PO	Quarterly Maintainance Work

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