

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Apr/2021 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	143.655	3295.007	1) Gujrat	1.349	10.759
2) Hydro	14.791	466.731	2) Madhya Pradesh	18.323	336.006
3) Gas	6.750	133.853	3) Chattisgarh	6.130	94.720
Total MSPGCL	165.196	3895.591	4) Maharashtra	158.974	3384.044
B) 1) APLM	74.829	1410.465	5) Goa (Amona)	-1.491	-29.950
2) JSWEL	12.080	282.509	Total	183.285	3795.579
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.848	529.336
4) RPL(AMT)	19.090	640.665	b) Mumbai Drawl	21.553	516.145
5) SWPGPL	8.411	185.583	c) MSEDCL Bilateral *	59.070	1073.205
6) Other IPP	19.945	463.813	Include PX	27.898	405.210
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.848	529.222
C) 1) TPCL Thermal	15.211	338.934	Include PX	0.738	119.757
2) TPCL Hydro	4.475	72.298	Standby	0.000	0.114
3) TPCL Gas	3.366	66.189	H) ENERGY CATERED (MUs)		
4) AEML Thermal	12.013	254.683	1) MSEDCL	484.508	10635.133
D) STATE			2) Mumbai Discoms	56.618	1248.251
1) Thermal	305.234	6871.659	TOTAL STATE	541.126	11883.384
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	19.266	539.029			
3) Gas (A3+B7+C3)	10.116	200.042			
4) Wind	15.227	302.772			
6) SOLAR	7.998	174.301			
TOTAL STATE	357.841	8087.803			

* 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	5896	6071	5987	5960
MSPGCL Hydro	604	752	484	424
MSPGCL Gas	272	282	286	277
MSPGCL Total Generation	6772	7104	6756	6662
Central Sector Receipt	9011	8851	6491	7061
WIND	532	94	793	953
CPP / IPP Thermal	4986	5555	5743	5707
CPP / IPP Gas	0	0	0	0
SOLAR	1095	865	0	0
Exchange with Mumbai	-1055	-1056	-857	-857
MSEDCL DEMAND MET	21342	21414	18926	19526
Load Shedding	0	0	0	0
MSEDCL DEMAND	21342	21414	18926	19526
TPCL GENERATION	1075	1072	1036	626
AEML GENERATION	500	501	502	501
MUMBAI DEMAND	2630	2629	2395	1984
STATE DEMAND MET	23972	24042	21322	21510
STATE DEMAND	23972	24042	21322	21510
Frequency (Hz)	49.99	49.89	49.98	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 18:02 Hrs	49.79 Hz at 15:52 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 22/Apr/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	35.98	0	0
Unit 7	3.05	53.65	136	116
Unit 8	9.77	237.04	488	328
Unit 9	7.62	194.32	350	272
Unit 10	6.88	127.41	331	248
Total	27.32	648.42		
Bhusawal				
Unit 3	4.16	69.43	190	125
Unit 4	11.48	221.18	480	475
Unit 5	11.68	253.89	500	475
Total	27.32	544.50		
Parli				
Unit 6	4.43	113.17	194	152
Unit 7	4.36	117.50	194	175
Unit 8	4.39	106.80	200	178
Total	13.18	337.47		
Chandrapur				
Unit 3	3.59	44.54	155	147
Unit 4	0.00	0.00	0	0
Unit 5	9.95	214.77	425	405
Unit 6	10.00	160.98	425	385
Unit 7	0.00	0.00	0	0
Unit 8	0.00	226.31	0	0
Unit 9	10.84	239.01	470	417
Total	34.39	885.61		
Paras				
Unit 3	5.75	118.61	258	188
Unit 4	6.02	122.97	256	244
Total	11.77	241.58		
Khaparkheda				
Unit 1	3.20	59.59	150	115
Unit 2	0.00	41.06	0	0
Unit 3	3.92	79.78	172	150
Unit 4	3.24	72.87	140	130
Unit 5	10.70	206.27	460	420
Total	21.05	459.57		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.34	86.66	200	126
Unit 5	4.28	91.20	199	128
Total	8.62	177.86		
Uran				
All Units	6.75	133.85	298	261
Total	6.75	133.85		
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)	0.07	1.33	20	0
Total	0.07	1.33		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.12	105.14	485	35
Stage 4	2.15	146.66	500	0
Stage 3	1.60	55.65	160	0
Total	6.87	307.44		
Hydro				
KDPH	0.85	18.91	36	36
VTRNA	1.22	20.68	60	0
TILLARI	0.58	9.22	58	0
BHIRA T.R.	0.20	3.44	80	0
SMLHY_PTN	5.07	104.38	225	200
GHATGHAR	0.00	2.65	0	0
Total	7.92	159.29		
Wind				
Total	15.23	302.77	0	0
Total	15.23	302.77		
CPP				
APML(Mus)	74.83	1410.46	0	0
JSWEL(Mus)	12.08	282.51	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	19.09	640.66	0	0
SWPGPL-Mus	8.41	185.58	0	0
Other(Mus)	19.94	463.81	0	0
Total	134.36	2983.04		
SOLAR				
Total	8.00	174.30	0	0
Total	8.00	174.30		
Tata				
Trombay 5	9.91	223.91	483	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.02	38.83	113	64
Trombay 7B	1.35	27.36	65	50
Trombay 8	5.30	115.02	240	135
TATA Hydro	4.48	72.30	354	0
Total	23.05	477.42		
AEMIL				
DTPS U-1&2	12.01	254.68	502	500
Total	12.01	254.68		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	143.66	3295.01	MSPGCL Total	165.20	3895.59
			MSPGCL Thml+Gas	150.40	3428.86	Koyna 1,2 & 4 Total	5.26	251.80
			MSPGCL Hydro	14.79	466.73	State Total	357.84	8087.80

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/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	5982	956	287	7226	707	5773	0	0	7549	7233	-947	19992	0	19992	2413	22404	49.98
2	5902	538	278	6718	744	5733	0	0	7415	7244	-845	19594	0	19594	2244	21838	49.97
3	5932	424	297	6652	923	5727	0	0	7105	6925	-789	19438	0	19438	2104	21542	50.03
4	5960	424	277	6662	953	5707	0	0	7145	7061	-857	19526	0	19526	1984	21510	50.02
5	6023	416	287	6726	1092	5708	0	0	7431	7157	-910	19772	0	19772	1941	21714	50.05
6	6038	420	288	6746	1152	5691	0	0	7990	7850	-955	20484	0	20484	1986	22470	50.04
7	6071	432	298	6802	1086	5673	0	53	8449	8157	-846	20924	0	20924	1972	22896	50.05
8	6130	458	287	6876	890	5654	0	268	8523	7939	-787	20840	0	20840	2049	22888	50.04
9	5946	482	287	6714	780	5571	0	552	8320	8013	-890	20740	0	20740	2239	22980	49.98
10	5882	484	275	6640	797	5522	0	788	8491	8304	-974	21078	0	21078	2445	23522	50.01
11	5909	502	284	6694	827	5296	0	1027	8827	8400	-1030	21214	0	21214	2566	23780	50.01
12	5896	604	272	6772	532	4986	0	1095	9034	9011	-1055	21342	0	21342	2630	23972	49.99
13	5844	892	271	7008	241	5104	0	1051	8748	8816	-1013	21206	0	21206	2602	23808	49.97
14	5925	970	261	7156	109	5455	0	991	8385	8196	-994	20914	0	20914	2561	23474	49.91
15	6071	752	282	7104	94	5555	0	865	8999	8851	-1056	21414	0	21414	2629	24042	49.89
16	6067	750	271	7088	125	5611	0	655	9183	8911	-1057	21332	0	21332	2650	23982	49.94
17	6082	590	272	6944	219	5607	0	444	8756	8403	-961	20656	0	20656	2595	23250	50.07
18	5988	698	273	6960	350	5655	0	186	7426	7262	-848	19564	0	19564	2478	22042	50.07
19	5965	556	285	6806	381	5664	0	23	6425	6180	-717	18338	0	18338	2347	20684	50.02
20	5997	656	285	6938	506	5713	0	0	6367	6483	-750	18890	0	18890	2401	21292	50.01
21	5962	446	275	6684	643	5721	0	0	6601	6308	-793	18562	0	18562	2399	20962	50.02
22	5987	484	286	6756	793	5743	0	0	6525	6491	-857	18926	0	18926	2395	21322	49.98
23	6057	740	286	7082	704	5735	0	0	6928	7049	-838	19732	0	19732	2462	22194	49.94
24	6039	1118	286	7442	579	5751	0	0	7042	7041	-784	20030	0	20030	2526	22556	50.00
MUs	143.65	14.79	6.75	165.20	15.23	134.36	0.00	8.00	187.66	183.28	-21.55	484.51	0.00	484.51	56.62	541.13	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 22/Apr/2021

Position as on 6.30 Hrs of 23/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)	
MSPGCL	Koyna Unit 6	80	22/04/2021	12.00		Continued.	UGC Oil Cooler Leakage.(Converted to Capital Overhaul from 08.00Hrs DT.23-4-2021)	
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	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.	
MSPGCL	Chandrapur Unit-8	500	20/04/2021	11.00		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-2	270	21/04/2021	01.00		Continued.	Due to coal issue.	
MSPGCL	Koradi Unit 6	210	21/04/2021	04.12	23/04/2021	08.42	Boiler Tube Leakage	
MSPGCL	Koradi Unit 10	660	23/04/2021	08.56		Continued.	Feed water Flow Low	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 22/Apr/2021

Statement-VII

Position as on 6.30 Hrs of 23/Apr/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	20/04/2021	18.29	22/04/2021	06.05	HT	Over Voltage
Akola Wardha li	InterState	21/04/2021	09.19		Continued.	PO	Line diversion works under consultancy due to upcoming Nagpur Mumbai super communication expressway (Samruddi highway)
Akola Wardha I	InterState	21/04/2021	09.19		Continued.	PO	Line diversion works under consultancy due to upcoming Nagpur Mumbai super communication expressway (Samruddi highway).
Dhule Sar'Sarovar II	InterState	22/04/2021	18.29	22/04/2021	06.05	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	23/04/2021	18.07		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	22/04/2021	09.53	22/04/2021	17.01	PO	Hotline insulator washing.
Jaigad-Karad Ckt-II	IntraState	22/04/2021	09.53	22/04/2021	17.07	PO	Hotline insulator washing.
Deepnagar Waluj 1	IntraState	22/04/2021	15.23	22/04/2021	22.01	T	Distance Protection
Deepnagar Waluj 1	IntraState	22/04/2021	23.47	23/04/2021	18.12	T	Distance Protection
N.Koyna-Karad -Ckt II	IntraState	23/04/2021	09.29	23/04/2021	16.49	PO	Routine Maintenance 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.
400/220/33 Kv 315 MVA ICT-II @Aurangabad (Waluj)	IntraState	23/04/2021	10.27		Continued.	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)
Trombay - Kalwa	IntraState	14/04/2021	12.27	22/04/2021	18.26	PO	Conductor replacement.
Warora - Hinganghat	IntraState	16/04/2021	18.10		Continued.	HT	Original ckt is Warora Wardha ckt.
KORADI 2 - KAULEWADA CKT - II	IntraState	22/04/2021	07.59	22/04/2021	14.08	PO	Replacement of b ph top broken suspension disc string at loc no. 235, 252 & for attending loose jumper nutbolt of y ph koradi end at tention loc no. 213"
Nanded-Parbhani	IntraState	22/04/2021	08.02	22/04/2021	11.45	PO	Attending hot spot on yph wave trap stub bus t clamp nut bolt and yph ct p1 side nut bolted clamp."
Pophali - Pedambe II	IntraState	22/04/2021	08.20	22/04/2021	18.00	PO	Routine Maintenance Work
Khaparkheda-Ambazari-I	IntraState	22/04/2021	08.31	22/04/2021	16.52	PO	Shifting of 220kv Kanhan & 220kv Ambazari ckt on ERS.
Bhosari- Bhosari 2	IntraState	22/04/2021	10.20	22/04/2021	14.55	PO	Attending 220k KV CB TC-1 Coil faulty problem.
Urse - Talegaon (Ambi) Ckt 1	IntraState	22/04/2021	12.44	22/04/2021	20.17	T	Distance Protection
Sahara-Urse	IntraState	22/04/2021	13.18	22/04/2021	20.21	HT	For load management.
ALKUD - MENDHEGIRI CKT - 2	IntraState	22/04/2021	14.02	22/04/2021	15.58	PO	Final stringing of earth wire from Loc. no -55A to 56 of 132 kv K'Mhankal-Jath line.
karad - Dasgaon	IntraState	22/04/2021	16.29	22/04/2021	18.17	PO	New PT extension to metering Ckt., removing of old PT and CT testing.

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 22/Apr/2021

Statement-VII

Position as on 6.30 Hrs of 23/Apr/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Gadchandur - Grace	IntraState	23/04/2021	08.24	23/04/2021	14.02	PO	Quarterly Maintenance Work
Adlabs - Pedambe	IntraState	23/04/2021	08.35	23/04/2021	18.20	PO	Routine Maintenance Work
Padghe - Wada	IntraState	23/04/2021	09.57	23/04/2021	19.04	PO	Replacement of faulty Insulator Strings
Koradi-Khaperkheda	IntraState	23/04/2021	10.21	23/04/2021	15.33	PO	LA Replacement
Wathar - Mudshingi 3 Line	IntraState	23/04/2021	10.22	23/04/2021	12.17	PO	Quarterly Maintenance Work
Babhaleshwar - Degaon Rangari	IntraState	23/04/2021	16.20	23/04/2021	19.50	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Bbl Ict 1 @Beed	IntraState	22/04/2021	14.05	22/04/2021	18.40	PO	Safety valve replacement work.