

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Apr/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	143.934	3581.316	1) Gujrat	-0.001	12.796
2) Hydro	16.229	499.943	2) Madhya Pradesh	17.314	370.632
3) Gas	6.808	147.453	3) Chattisgarh	5.850	105.960
Total MSPGCL	166.971	4228.712	4) Maharashtra	157.232	3697.418
B) 1) APLM	75.804	1562.017	5) Goa (Amona)	-1.462	-33.048
2) JSWEL	11.543	306.249	Total	178.933	4153.758
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.052	575.499
4) RPL(AMT)	19.209	679.196	b) Mumbai Drawl	17.567	553.942
5) SWPGPL	9.126	203.743	c) MSEDCL Bilateral *	55.257	1181.342
6) Other IPP	19.073	502.585	Include PX	23.456	449.947
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.052	575.385
C) 1) TPCL Thermal	15.728	370.309	Include PX	3.640	126.588
2) TPCL Hydro	4.526	81.504	Standby	0.000	0.114
3) TPCL Gas	3.410	72.254	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.498	277.592	1) MSEDCL	481.377	11595.944
D) STATE			2) Mumbai Discoms	52.729	1355.603
1) Thermal	305.915	7483.007	TOTAL STATE	534.106	12951.547
(A1+C1+C4+(B1-B6))					
2) Hydro	20.755	581.447			
(A2+C2)					
3) Gas	10.218	219.707			
(A3+B7+C3)					
4) Wind	9.974	323.605			
6) SOLAR	8.311	190.021			
TOTAL STATE	355.173	8797.787			

* 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 16 Hrs	C. Evening Peak at 22 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6001	5766	5954	6027
MSPGCL Hydro	517	927	692	518
MSPGCL Gas	273	272	276	298
MSPGCL Total Generation	6791	6965	6922	6843
Central Sector Receipt	8614	8443	6570	6651
WIND	163	253	526	516
CPP / IPP Thermal	5604	5518	5558	5669
CPP / IPP Gas	0	0	0	0
SOLAR	1107	702	0	0
Exchange with Mumbai	-869	-747	-687	-644
MSEDCL DEMAND MET	21410	21134	18889	19035
Load Shedding	0	0	0	0
MSEDCL DEMAND	21410	21134	18889	19035
TPCL GENERATION	1017	1062	1169	832
AEML GENERATION	392	500	502	500
MUMBAI DEMAND	2278	2309	2358	1976
STATE DEMAND MET	23688	23443	21247	21011
STATE DEMAND	23688	23443	21247	21011
Frequency (Hz)	49.99	49.96	49.98	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 12.01 Hrs	49.7 Hz at 19.24 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 24/Apr/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.56	41.62	165	130
Unit 7	2.54	59.00	122	94
Unit 8	11.41	259.03	503	400
Unit 9	6.26	209.18	500	0
Unit 10	3.24	132.90	470	0
Total	27.00	701.72		
Bhusawal				
Unit 3	4.38	78.13	185	175
Unit 4	11.46	244.10	495	455
Unit 5	4.85	270.05	495	0
Total	20.68	592.28		
Parli				
Unit 6	4.72	122.36	206	180
Unit 7	4.67	126.54	205	187
Unit 8	4.62	115.81	210	184
Total	14.01	364.71		
Chandrapur				
Unit 3	3.59	51.75	155	146
Unit 4	0.00	0.00	0	0
Unit 5	9.98	234.96	430	405
Unit 6	10.04	181.07	420	407
Unit 7	0.00	0.00	0	0
Unit 8	6.98	233.29	493	0
Unit 9	10.59	260.24	457	421
Total	41.19	961.32		
Paras				
Unit 3	5.68	130.26	247	185
Unit 4	5.40	134.39	253	121
Total	11.07	264.64		
Khaparkheda				
Unit 1	2.70	64.91	140	90
Unit 2	0.00	41.06	0	0
Unit 3	4.27	87.75	197	158
Unit 4	3.20	79.25	145	125
Unit 5	10.54	227.22	460	400
Total	20.70	500.20		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.63	95.91	199	137
Unit 5	4.65	100.54	199	139
Total	9.28	196.45		
Uran				
All Units	6.81	147.45	300	263
Total	6.81	147.45		
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)	0.27	1.65	25	0
Total	0.27	1.65		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.24	112.18	475	35
Stage 4	3.25	155.43	614	0
Stage 3	1.40	58.67	100	0
Total	8.89	326.29		
Hydro				
KDPH	0.84	20.59	35	35
VTRNA	1.24	22.60	59	0
TILLARI	0.46	10.27	58	0
BHIRA T.R.	0.32	3.98	77	0
SMLHY_PTN	4.48	113.57	203	169
GHATGHAR	0.00	2.65	0	0
Total	7.34	173.66		
Wind				
Total	9.97	323.60	0	0
Total	9.97	323.60		
CPP				
APML(Mus)	75.80	1562.02	0	0
JSWEL(Mus)	11.54	306.25	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	19.21	679.20	0	0
SWPGPL-Mus	9.13	203.74	0	0
Other(Mus)	19.07	502.58	0	0
Total	134.76	3253.79		
SOLAR				
Total	8.31	190.02	0	0
Total	8.31	190.02		
Tata				
Trombay 5	10.53	244.69	483	279
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.07	42.39	117	61
Trombay 7B	1.34	29.87	67	48
Trombay 8	5.20	125.62	240	136
TATA Hydro	4.53	81.50	441	53
Total	23.66	524.07		
AEML				
DTPS U-1&2	11.50	277.59	503	285
Total	11.50	277.59		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	143.93	3581.32
MSPGCL Thml+Gas	150.74	3728.77
MSPGCL Hydro	16.23	499.94

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	166.97	4228.71
Koyna 1,2 & 4 Total	7.48	267.62
State Total	355.17	8797.79

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 24/Apr/2021

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	5994	620	288	6902	711	5753	0	0	7683	7362	-854	19874	0	19874	2371	22245	50.00
2	5984	672	288	6944	672	5689	0	0	7199	7184	-789	19700	0	19700	2205	21905	50.01
3	5996	560	288	6844	575	5666	0	0	7054	6826	-746	19165	0	19165	2077	21242	49.99
4	6027	518	298	6843	516	5669	0	0	6936	6651	-644	19035	0	19035	1976	21011	49.99
5	6032	528	289	6849	455	5670	0	0	7215	7205	-606	19573	0	19573	1933	21506	49.98
6	6065	632	289	6986	434	5664	0	0	7893	7961	-658	20387	0	20387	1987	22374	50.01
7	6152	773	300	7225	398	5650	0	46	8304	8245	-611	20953	0	20953	1937	22890	50.02
8	6169	650	298	7117	318	5650	0	277	8286	8158	-750	20770	0	20770	1928	22698	49.96
9	6170	619	278	7067	232	5634	0	592	7993	7483	-692	20316	0	20316	2069	22385	49.96
10	6043	701	295	7039	177	5631	0	866	8081	8014	-678	21049	0	21049	2188	23237	50.03
11	5878	705	284	6867	171	5608	0	1047	8526	8146	-690	21149	0	21149	2266	23415	50.04
12	6001	517	273	6791	163	5604	0	1107	8839	8614	-869	21410	0	21410	2278	23688	49.99
13	6068	684	284	7036	178	5596	0	1068	8480	8015	-984	20909	0	20909	2241	23150	50.04
14	6106	770	263	7139	176	5582	0	1061	8019	8008	-906	21060	0	21060	2211	23271	50.02
15	5966	796	272	7034	197	5601	0	927	8403	8191	-851	21099	0	21099	2273	23372	49.89
16	5766	927	272	6965	253	5518	0	702	8810	8443	-747	21134	0	21134	2309	23443	49.96
17	5863	475	283	6621	324	5554	0	444	8427	8160	-660	20443	0	20443	2277	22720	49.98
18	5910	494	274	6678	543	5575	0	161	7094	6924	-590	19291	0	19291	2207	21498	50.04
19	6029	404	275	6708	651	5544	0	13	6291	5981	-582	18315	0	18315	2149	20464	49.99
20	5845	732	294	6871	605	5566	0	0	6419	6112	-668	18486	0	18486	2263	20749	49.91
21	5914	436	285	6635	577	5555	0	0	6335	6309	-662	18414	0	18414	2315	20729	49.99
22	5954	692	276	6922	526	5558	0	0	6606	6570	-687	18889	0	18889	2358	21247	49.98
23	5993	911	276	7180	564	5614	0	0	7062	7203	-754	19807	0	19807	2420	22227	49.99
24	6009	1413	286	7708	558	5604	0	0	7119	7168	-889	20149	0	20149	2491	22640	49.99
MUs	143.93	16.23	6.81	166.97	9.97	134.75	0.00	8.31	183.07	178.93	-17.57	481.38	0.00	481.38	52.73	534.11	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 24/Apr/2021

Position as on 6.30 Hrs of 25/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	25/04/2021	17.28	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	24/04/2021	06.05	Boiler Tube Leakage	
IPP	RPL(AMT) U-2	270	21/04/2021	01.00		Continued.	Due to coal issue.	
MSPGCL	Koradi Unit 10	660	23/04/2021	08.56	24/04/2021	12.37	Feed water Flow Low	
MSPGCL	Bhusawal Unit 5	500	24/04/2021	10.03		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 9	660	24/04/2021	14.59		Continued.	Boiler Tube Leakage	
IPP	SWPGPL U-2	135	25/04/2021	23.51		Continued.	ID Fan Vibrations	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 24/Apr/2021

Statement-VII

Position as on 6.30 Hrs of 25/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
Akola Wardha li	InterState	21/04/2021	09.19		Continued.	PO	Line diversion works under consultancy due to upcoming Nagpur Mumbai super communication expressway (Samruddhi 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 (Samruddhi highway).
Dhule Sar'Sarovar I	InterState	23/04/2021	18.07		Continued.	HT	Over Voltage
Chandrapur II- Warora ckt II	IntraState	24/04/2021	07.40	24/04/2021	14.01	PO	Diagnostic Testing 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	24/04/2021	16.25	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)
Niwali - Pawas Line	IntraState	24/04/2021	09.26	24/04/2021	17.18	PO	For Oil Leaked R PH CT Replacement, CT C & Tan delta Testing & Bay Cold Washing Work.
Chalishaon -Babhaleshwar	IntraState	24/04/2021	09.52		Continued.	PO	For Shifting/Erection Work of monopole Tower Work For samruddhi express Highway work 4 nos of monopole erection & 2nos of tower erection work. Dismantling of 2nos of tower loc no.220-223.
MAHAPE - RELIANCE GIS	IntraState	24/04/2021	10.32	24/04/2021	11.47	EO	To attend Hot Spot
Solapur(Bale) - Tuljapur	IntraState	24/04/2021	16.28	24/04/2021	19.43	EO	Project work.
Sonkhar - Trombay	IntraState	25/04/2021	06.40	25/04/2021	15.31	PO	1.Commissioning of Islanding Panel for 220 KV Sonkhar Trombay Line & replacement of R ph LA Bottom Stag due to crack observed.
Jamde-Dondaicha 1	IntraState	25/04/2021	12.16	25/04/2021	17.35	T	Distance Protection
TPC Borivali Aarey Line 1	IntraState	25/04/2021	14.17	25/04/2021	19.43	PO	Islanding main-1 Relay Replacement & Testing.

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