

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/Apr/2021 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	144.271	4175.976	1) Gujrat	-0.826	9.072
2) Hydro	18.569	556.838	2) Madhya Pradesh	13.698	428.201
3) Gas	10.037	184.830	3) Chattisgarh	5.220	126.700
Total MSPGCL	172.877	4917.644	4) Maharashtra	144.658	4306.236
B) 1) APML	75.637	1858.914	5) Goa (Amona)	-1.585	-40.457
2) JSWEL	13.741	356.955	Total	161.165	4829.752
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.865	668.358
4) RPL(AMT)	19.284	754.332	b) Mumbai Drawl	25.078	651.758
5) SWPGPL	5.875	229.457	c) MSEDCL Bilateral *	39.119	1353.339
6) Other IPP	18.527	575.851	Include PX	6.333	496.904
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.865	668.244
C) 1) TPCL Thermal	12.725	422.969	Include PX	5.418	150.709
2) TPCL Hydro	5.528	100.773	Standby	0.000	0.114
3) TPCL Gas	4.382	89.488	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.328	317.244	1) MSEDCL	464.152	13463.449
D) STATE			2) Mumbai Discoms	58.041	1582.234
1) Thermal	300.388	8691.698	TOTAL STATE	522.193	15045.683
(A1+C1+C4+(B1-B6))					
2) Hydro	24.097	657.611			
(A2+C2)					
3) Gas	14.419	274.318			
(A3+B7+C3)					
4) Wind	13.867	370.704			
6) SOLAR	8.257	221.598			
TOTAL STATE	361.028	10215.929			

* 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	6074	5645	5975	6184
MSPGCL Hydro	1061	1724	493	257
MSPGCL Gas	419	396	414	427
MSPGCL Total Generation	7554	7765	6882	6868
Central Sector Receipt	7282	7800	5889	5737
WIND	202	218	975	1115
CPP / IPP Thermal	5522	5503	5592	5528
CPP / IPP Gas	0	0	0	0
SOLAR	1135	938	0	0
Exchange with Mumbai	-1036	-978	-976	-1230
MSEDCL DEMAND MET	20659	21246	18362	18018
Load Shedding	0	0	0	0
MSEDCL DEMAND	20659	21246	18362	18018
TPCL GENERATION	1114	1233	975	603
AEML GENERATION	496	498	498	284
MUMBAI DEMAND	2646	2709	2449	2117
STATE DEMAND MET	23305	23955	20811	20135
STATE DEMAND	23305	23955	20811	20135
Frequency (Hz)	49.95	49.91	50.00	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 17.01 Hrs	49.76 Hz at 14.40 Hrs	49.98	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 28/Apr/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	51.70	0	0
Unit 7	0.00	67.00	0	0
Unit 8	12.90	311.45	630	462
Unit 9	0.00	209.18	0	0
Unit 10	10.47	176.41	480	390
Total	23.37	815.74		
Bhusawal				
Unit 3	4.17	93.96	190	125
Unit 4	11.66	290.02	500	455
Unit 5	11.82	298.97	500	475
Total	27.65	682.94		
Parli				
Unit 6	4.97	141.18	213	200
Unit 7	4.85	145.08	216	184
Unit 8	4.67	133.72	208	182
Total	14.49	419.99		
Chandrapur				
Unit 3	3.55	65.94	156	139
Unit 4	0.00	0.00	0	0
Unit 5	5.30	270.04	420	0
Unit 6	9.92	220.95	428	380
Unit 7	0.00	0.00	0	0
Unit 8	10.64	279.06	490	409
Unit 9	10.42	302.15	446	416
Total	39.84	1138.13		
Paras				
Unit 3	5.67	153.48	252	169
Unit 4	3.30	153.24	251	0
Total	8.97	306.72		
Khaparkheda				
Unit 1	2.79	76.65	135	100
Unit 2	0.00	41.06	0	0
Unit 3	3.86	103.24	195	145
Unit 4	3.83	93.02	175	150
Unit 5	10.96	269.28	460	450
Total	21.44	583.25		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.28	112.34	198	125
Unit 5	4.22	116.86	201	129
Total	8.51	229.20		
Uran				
All Units	10.04	184.83	444	396
Total	10.04	184.83		
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)	0.24	2.35	26	0
Total	0.24	2.35		
Koyana				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.56	125.18	480	35
Stage 4	4.75	166.04	1000	0
Stage 3	2.14	64.41	240	0
Total	11.44	355.64		
Hydro				
KDPH	0.82	23.89	34	34
VTRNA	0.94	26.12	60	0
TILLARI	0.46	12.14	58	0
BHIRA T.R.	0.24	5.04	80	0
SMLHY_PTN	4.20	130.89	201	149
GHATGHAR	0.47	3.12	250	0
Total	7.13	201.20		
Wind				
Total	13.87	370.70	0	0
Total	13.87	370.70		
CPP				
APML(Mus)	75.64	1858.91	0	0
JSWEL(Mus)	13.74	356.96	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	19.28	754.33	0	0
SWPGPL-Mus	5.88	229.46	0	0
Other(Mus)	18.53	575.85	0	0
Total	133.06	3775.51		
SOLAR				
Total	8.26	221.60	0	0
Total	8.26	221.60		
Tata				
Trombay 5	8.54	279.61	480	280
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	53.36	117	115
Trombay 7B	1.58	36.13	66	65
Trombay 8	4.19	143.36	232	137
TATA Hydro	5.53	100.77	371	0
Total	22.64	613.23		
AEMIL				
DTPS U-1&2	10.33	317.24	500	283
Total	10.33	317.24		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	144.27	4175.98	MSPGCL Total	172.88	4917.64
			MSPGCL Thml+Gas	154.31	4360.81	Koyna 1,2 & 4 Total	9.30	291.22
			MSPGCL Hydro	18.57	556.84	State Total	361.03	10215.93

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/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	6233	611	434	7278	938	5510	0	0	6368	6226	-1404	18548	0	18548	2556	21104	49.98
2	6237	323	415	6975	1178	5562	0	0	6314	6384	-1350	18749	0	18749	2373	21122	49.99
3	6219	243	425	6887	1180	5549	0	0	6061	5708	-1344	17980	0	17980	2244	20224	50.01
4	6184	257	427	6868	1115	5528	0	0	5989	5737	-1230	18018	0	18018	2117	20135	49.98
5	6160	247	416	6823	984	5505	0	0	6025	6228	-1167	18373	0	18373	2053	20426	49.94
6	6260	241	438	6939	587	5506	0	0	7141	7196	-1204	19024	0	19024	2099	21123	49.98
7	6335	316	429	7080	383	5537	0	46	7701	7485	-830	19701	0	19701	2076	21777	50.01
8	6305	288	429	7022	261	5552	0	236	7713	7397	-830	19638	0	19638	2121	21759	50.02
9	6329	359	425	7113	161	5555	0	565	7425	7108	-984	19518	0	19518	2282	21800	50.00
10	6310	454	413	7177	191	5566	0	841	7600	7614	-1199	20190	0	20190	2482	22672	49.99
11	6244	581	410	7235	187	5553	0	1027	7499	7492	-1318	20176	0	20176	2610	22786	50.01
12	6074	1061	419	7554	202	5522	0	1135	7482	7282	-1036	20659	0	20659	2646	23305	49.95
13	6124	1025	396	7545	202	5555	0	1120	7468	7025	-981	20466	0	20466	2642	23108	49.96
14	5748	1175	408	7331	204	5543	0	1081	7356	7556	-927	20788	0	20788	2620	23408	50.00
15	5645	1724	396	7765	218	5503	0	938	7535	7800	-978	21246	0	21246	2709	23955	49.91
16	5630	2097	417	8144	228	5540	0	705	7504	7594	-991	21220	0	21220	2719	23939	49.90
17	5596	2197	408	8201	274	5524	0	387	7025	7063	-907	20542	0	20542	2620	23162	49.98
18	5507	1484	410	7401	509	5540	0	160	6373	6137	-788	18959	0	18959	2462	21421	50.03
19	5548	678	412	6638	590	5547	0	16	5977	5812	-788	17815	0	17815	2302	20117	50.05
20	5757	558	422	6737	621	5556	0	0	6016	5945	-904	17955	0	17955	2352	20307	50.03
21	5924	506	415	6845	923	5565	0	0	5968	5878	-933	18278	0	18278	2400	20678	50.04
22	5975	493	414	6882	975	5592	0	0	6198	5889	-976	18362	0	18362	2449	20811	50.00
23	5970	600	444	7014	1013	5590	0	0	6425	6396	-1063	18950	0	18950	2515	21465	49.95
24	5957	1051	415	7423	743	5564	0	0	6267	6213	-946	18997	0	18997	2592	21589	49.92
MUs	144.27	18.57	10.04	172.88	13.87	133.06	0.00	8.26	163.43	161.17	-25.08	464.15	0.00	464.15	58.04	522.19	49.98

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 28/Apr/2021

Position as on 6.30 Hrs of 29/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.	
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	
IPP	RPL(AMT) U-1	270	20/04/2021	01.00	28/04/2021	23.58	Bottom Ash System Problem.	
IPP	RPL(AMT) U-2	270	21/04/2021	01.00	29/04/2021	01.56	Due to coal issue.	
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	
MSPGCL	Koradi Unit 6	210	27/04/2021	19.59		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Zero Schedule.	
MSPGCL	Chandrapur Unit 5	500	28/04/2021	13.01		Continued.	Boiler Tube Leakage	
MSPGCL	Paras Unit 4	250	28/04/2021	14.17	28/04/2021	17.30	High Drum Level	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 28/Apr/2021

Statement-VII

Position as on 6.30 Hrs of 29/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 I	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 li	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	27/04/2021	18.14	28/04/2021	09.18	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	28/04/2021	17.53		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	28/04/2021	20.07	29/04/2021	00.11	T	Distance Protection
Girwali-Solapur (Lamboti)	IntraState	28/04/2021	23.33		Continued.	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)
Solapur (Pg) South Solapur li	InterState	28/04/2021	11.15	28/04/2021	13.18	PO	Quarterly Maintenance 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.
Chikhli-Jalna-I	IntraState	26/04/2021	12.14		Continued.	PO	Tower height raising of 220KV Jalna Chikhali line for Mumbai Nagpur samruddhi highway crossing.
Chikhli-Jalna-II	IntraState	26/04/2021	12.16		Continued.	PO	Tower height raising of 220KV Jalna Chikhali line for Mumbai Nagpur samruddhi highway crossing.
Dahanu Versova	IntraState	28/04/2021	06.49	28/04/2021	18.55	PO	shifting of SS line from its existing position
Wardha-Dhamangaon	IntraState	28/04/2021	07.02	28/04/2021	13.52	PO	Samruddhi highway crossing work
Dahanu-Viraj	IntraState	28/04/2021	10.15	28/04/2021	10.49	T	Distance Protection
Tembhurni - Jeur	IntraState	28/04/2021	10.30	28/04/2021	13.03	PO	Quarterly Maintenance Work
Peth- Mudshingi -I	IntraState	28/04/2021	10.51	28/04/2021	13.14	T	Quarterly Maintenance Work
Sonkhar - Trombay	IntraState	28/04/2021	11.22	28/04/2021	19.10	PO	OPGW stringing work
Kharepatan -Pawas Line	IntraState	28/04/2021	12.52	28/04/2021	13.56	T	Distance Protection

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