

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Apr/2021 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	142.375	3437.382	1) Gujrat	2.038	12.797
2) Hydro	16.983	483.714	2) Madhya Pradesh	17.312	353.318
3) Gas	6.792	140.645	3) Chattisgarh	5.390	100.110
Total MSPGCL	166.150	4061.741	4) Maharashtra	156.142	3540.186
B) 1) APLM	75.748	1486.213	5) Goa (Amona)	-1.636	-31.586
2) JSWEL	12.197	294.706	Total	179.246	3974.825
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.111	552.447
4) RPL(AMT)	19.322	659.987	b) Mumbai Drawl	20.230	536.375
5) SWPGPL	9.034	194.617	c) MSEDCL Bilateral *	52.880	1126.085
6) Other IPP	19.699	483.512	Include PX	21.280	426.491
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.111	552.333
C) 1) TPCL Thermal	15.647	354.581	Include PX	3.191	122.948
2) TPCL Hydro	4.680	76.978	Standby	0.000	0.114
3) TPCL Gas	2.655	68.844	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.411	266.094	1) MSEDCL	479.434	11114.567
D) STATE			2) Mumbai Discoms	54.623	1302.874
1) Thermal	305.433	7177.092	TOTAL STATE	534.057	12417.441
(A1+C1+C4+(B1-B6))					
2) Hydro	21.663	560.692			
(A2+C2)					
3) Gas	9.447	209.489			
(A3+B7+C3)					
4) Wind	10.859	313.631			
6) SOLAR	7.409	181.710			
TOTAL STATE	354.811	8442.614			

* 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	5775	5903	6044	6041
MSPGCL Hydro	1024	755	559	359
MSPGCL Gas	273	272	286	288
MSPGCL Total Generation	7072	6930	6889	6688
Central Sector Receipt	8409	8309	6376	6983
WIND	153	511	423	525
CPP / IPP Thermal	5598	5651	5757	5700
CPP / IPP Gas	0	0	0	0
SOLAR	935	633	0	0
Exchange with Mumbai	-891	-866	-774	-645
MSEDCL DEMAND MET	21276	21168	18671	19251
Load Shedding	0	0	0	0
MSEDCL DEMAND	21276	21168	18671	19251
TPCL GENERATION	1126	1106	1036	835
AEML GENERATION	501	500	501	501
MUMBAI DEMAND	2518	2472	2311	1981
STATE DEMAND MET	23794	23640	20982	21232
STATE DEMAND	23794	23640	20982	21232
Frequency (Hz)	50.01	50.01	49.92	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 18:03 Hrs	49.86 Hz at 21:56 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 23/Apr/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.08	38.06	165	0
Unit 7	2.81	56.46	128	99
Unit 8	10.58	247.62	521	350
Unit 9	8.59	202.92	460	255
Unit 10	2.24	129.65	330	0
Total	26.30	674.71		
Bhusawal				
Unit 3	4.32	73.76	185	170
Unit 4	11.47	232.64	490	475
Unit 5	11.32	265.20	495	435
Total	27.11	571.61		
Parli				
Unit 6	4.47	117.64	200	176
Unit 7	4.37	121.87	187	180
Unit 8	4.39	111.19	198	175
Total	13.23	350.70		
Chandrapur				
Unit 3	3.62	48.16	155	147
Unit 4	0.00	0.00	0	0
Unit 5	10.21	224.98	435	415
Unit 6	10.05	171.04	427	405
Unit 7	0.00	0.00	0	0
Unit 8	0.00	226.31	0	0
Unit 9	10.64	249.64	454	430
Total	34.52	920.13		
Paras				
Unit 3	5.97	124.58	258	227
Unit 4	6.02	128.99	256	247
Total	11.99	253.57		
Khaparkheda				
Unit 1	2.62	62.21	135	90
Unit 2	0.00	41.06	0	0
Unit 3	3.71	83.49	165	140
Unit 4	3.18	76.05	141	120
Unit 5	10.42	216.68	450	410
Total	19.93	479.49		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.62	91.28	200	165
Unit 5	4.69	95.89	200	150
Total	9.31	187.17		
Uran				
All Units	6.79	140.64	299	262
Total	6.79	140.64		
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)	0.05	1.38	22	0
Total	0.05	1.38		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.82	107.95	365	35
Stage 4	5.52	152.18	500	0
Stage 3	1.62	57.27	80	0
Total	9.96	317.40		
Hydro				
KDPH	0.84	19.75	35	35
VTRNA	0.68	21.35	60	0
TILLARI	0.58	9.80	58	0
BHIRA T.R.	0.22	3.66	80	0
SMLHY_PTN	4.71	109.09	214	175
GHATGHAR	0.00	2.65	0	0
Total	7.03	166.32		
Wind				
Total	10.86	313.63	0	0
Total	10.86	313.63		
CPP				
APML(Mus)	75.75	1486.21	0	0
JSWEL(Mus)	12.20	294.71	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	19.32	659.99	0	0
SWPGPL-Mus	9.03	194.62	0	0
Other(Mus)	19.70	483.51	0	0
Total	136.00	3119.04		
SOLAR				
Total	7.41	181.71	0	0
Total	7.41	181.71		
Tata				
Trombay 5	10.25	234.16	484	280
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.49	40.32	66	61
Trombay 7B	1.17	28.52	51	48
Trombay 8	5.40	120.42	244	138
TATA Hydro	4.68	76.98	370	0
Total	22.98	500.40		
AEML				
DTPS U-1&2	11.41	266.09	501	284
Total	11.41	266.09		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	142.38	3437.38	MSPGCL Total	166.15	4061.74
			MSPGCL Thml+Gas	149.17	3578.03	Koyna 1,2 & 4 Total	8.34	260.13
			MSPGCL Hydro	16.98	483.71	State Total	354.81	8442.61

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/Apr/2021

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	6027	707	277	7011	678	5720	0	0	7366	7316	-933	19792	0	19792	2405	22197	50.00
2	6030	615	298	6943	575	5677	0	0	7196	7171	-833	19533	0	19533	2233	21766	50.00
3	6060	679	287	7026	587	5669	0	0	6875	6952	-748	19486	0	19486	2083	21569	49.98
4	6041	359	288	6688	525	5700	0	0	6957	6983	-645	19251	0	19251	1981	21232	50.03
5	5976	383	299	6658	540	5692	0	0	7289	7429	-611	19708	0	19708	1947	21655	50.05
6	5945	432	289	6666	591	5673	0	0	7791	8015	-652	20293	0	20293	1988	22281	50.04
7	5898	611	289	6798	525	5645	0	42	8397	8455	-634	20831	0	20831	1963	22794	50.00
8	5819	917	288	7024	390	5643	0	241	8179	8113	-683	20728	0	20728	2022	22750	49.96
9	5749	946	297	6992	236	5642	0	483	7981	7833	-782	20404	0	20404	2188	22592	50.01
10	5708	1100	274	7082	177	5628	0	765	8081	8293	-819	21126	0	21126	2367	23493	49.97
11	5785	1010	273	7068	190	5602	0	910	8301	8091	-866	20995	0	20995	2477	23472	50.02
12	5775	1024	273	7072	153	5598	0	935	8576	8409	-891	21276	0	21276	2518	23794	50.01
13	5862	944	282	7088	175	5602	0	987	8529	8109	-933	21028	0	21028	2525	23553	50.01
14	5865	972	282	7119	217	5614	0	918	8021	7996	-1001	20863	0	20863	2444	23307	50.00
15	5892	942	262	7096	376	5597	0	818	8149	8108	-980	21015	0	21015	2450	23465	49.99
16	5903	755	272	6930	511	5651	0	633	8399	8309	-866	21168	0	21168	2472	23640	50.01
17	5941	512	273	6726	595	5657	0	461	8099	7761	-958	20242	0	20242	2406	22648	50.00
18	6028	470	273	6771	664	5658	0	196	6874	7016	-1095	19210	0	19210	2285	21495	50.03
19	5951	332	285	6568	569	5647	0	20	6398	6088	-1016	17876	0	17876	2184	20060	50.03
20	5996	429	275	6700	614	5683	0	0	6350	6570	-985	18582	0	18582	2271	20853	49.99
21	6080	352	296	6728	566	5747	0	0	6474	6109	-811	18339	0	18339	2283	20622	50.01
22	6044	559	286	6889	423	5757	0	0	6504	6376	-774	18671	0	18671	2311	20982	49.92
23	6040	781	277	7098	523	5755	0	0	6833	6908	-810	19474	0	19474	2378	21852	50.01
24	5960	1152	297	7409	459	5743	0	0	7023	6836	-904	19543	0	19543	2442	21985	50.02
MUs	142.38	16.98	6.79	166.15	10.86	136.00	0.00	7.41	180.64	179.25	-20.23	479.43	0.00	479.43	54.62	534.06	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 23/Apr/2021

Position as on 6.30 Hrs of 24/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	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 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 23/Apr/2021

Statement-VII

Position as on 6.30 Hrs of 24/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 (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 I	InterState	23/04/2021	18.07			Continued. HT	Over Voltage
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)
Warora - Hinganghat	IntraState	16/04/2021	18.10			Continued. HT	Original ckt is Warora Wardha ckt.
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

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