

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	147.833	4585.451	1) Gujrat	3.255	67.987
2) Hydro	24.808	508.960	2) Madhya Pradesh	15.208	394.359
3) Gas	6.651	179.484	3) Chattisgarh	3.970	95.080
Total MSPGCL	179.292	5273.895	4) Maharashtra	155.619	3949.740
B) 1) APLM	59.936	1623.219	5) Goa (Amona)	-1.289	-35.970
2) JSWEL	12.237	389.786	Total	176.763	4471.196
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.704	727.753
4) RPL(AMT)	31.316	844.101	b) Mumbai Drawl	23.501	761.488
5) SWPGPL	8.949	232.916	c) MSEDCL Bilateral *	50.707	989.661
6) Other IPP	28.007	662.180	Include PX	18.876	102.816
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.704	727.195
C) 1) TPCL Thermal	15.827	292.521	Include PX	6.574	309.363
2) TPCL Hydro	1.628	132.868	Standby	0.000	0.558
3) TPCL Gas	3.738	94.329	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.440	323.330	1) MSEDCL	487.450	13187.959
D) STATE			2) Mumbai Discoms	56.134	1604.537
1) Thermal	315.545	8953.504	TOTAL STATE	543.584	14792.496
(A1+C1+C4+(B1-B6))					
2) Hydro	26.436	641.828			
(A2+C2)					
3) Gas	10.389	273.813			
(A3+B7+C3)					
4) Wind	6.529	236.543			
6) SOLAR	7.922	215.611			
TOTAL STATE	366.821	10321.299			

* 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 19 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	6248	6171	6131	6179
MSPGCL Hydro	1048	943	434	968
MSPGCL Gas	266	267	279	291
MSPGCL Total Generation	7562	7381	6844	7438
Central Sector Receipt	8502	9143	6743	6304
WIND	199	179	301	437
CPP / IPP Thermal	5852	5874	5844	5812
CPP / IPP Gas	0	0	0	0
SOLAR	1060	714	12	0
Exchange with Mumbai	-1033	-1286	-1021	-1021
MSEDCL DEMAND MET	22142	22005	18723	18970
Load Shedding	0	0	0	0
MSEDCL DEMAND	22142	22005	18723	18970
TPCL GENERATION	913	835	892	965
AEML GENERATION	499	496	420	498
MUMBAI DEMAND	2445	2617	2333	2484
STATE DEMAND MET	24587	24622	21056	21454
STATE DEMAND	24587	24622	21056	21454
Frequency (Hz)	50.01	50.00	50.06	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.28 Hz at 18:02 Hrs	49.86 Hz at 10:18 Hrs	50.02	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/Mar/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.94	89.39	175	130
Unit 7	3.22	77.17	144	124
Unit 8	8.75	285.64	408	340
Unit 9	8.42	292.35	381	330
Unit 10	7.94	286.01	352	310
Total	32.29	1030.55		
Bhusawal				
Unit 3	4.16	112.26	180	140
Unit 4	11.44	270.60	480	475
Unit 5	11.67	320.24	500	450
Total	27.28	703.10		
Parli				
Unit 6	0.00	133.08	0	0
Unit 7	5.88	129.97	249	209
Unit 8	5.56	156.61	240	220
Total	11.44	419.66		
Chandrapur				
Unit 3	3.79	80.89	164	150
Unit 4	0.00	54.66	0	0
Unit 5	0.00	247.88	0	0
Unit 6	9.86	278.40	425	380
Unit 7	0.00	0.00	0	0
Unit 8	11.86	293.55	498	492
Unit 9	11.11	315.13	485	445
Total	36.62	1270.52		
Paras				
Unit 3	3.31	138.83	228	0
Unit 4	3.14	99.58	205	110
Total	6.45	238.41		
Khaparkheda				
Unit 1	3.36	74.92	155	125
Unit 2	3.52	102.86	155	120
Unit 3	4.06	127.56	200	145
Unit 4	4.04	119.13	186	155
Unit 5	9.45	295.65	425	370
Total	24.43	720.13		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.67	99.00	199	128
Unit 5	4.66	104.07	201	130
Total	9.33	203.08		
Uran				
All Units	6.65	179.48	293	266
Total	6.65	179.48		
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)	0.19	4.89	24	0
Total	0.19	4.89		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	5.04	118.74	560	45
Stage 4	8.53	159.90	878	0
Stage 3	3.06	60.34	240	0
Total	16.64	338.99		
Hydro				
KDPH	0.86	21.62	36	36
VTRNA	0.88	17.36	60	0
TILLARI	0.58	13.43	58	0
BHIRA T.R.	0.08	6.76	43	0
SMLHY_PTN	5.58	76.36	240	226
GHATGHAR	0.18	18.30	100	0
Total	8.17	153.83		
Wind				
Total	6.53	236.54	0	0
Total	6.53	236.54		
CPP				
APML(Mus)	59.94	1623.22	0	0
JSWEL(Mus)	12.24	389.79	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.32	844.10	0	0
SWPGPL-Mus	8.95	232.92	0	0
Other(Mus)	28.01	662.18	0	0
Total	140.44	3752.20		
SOLAR				
Total	7.92	215.61	0	0
Total	7.92	215.61		
Tata				
Trombay 5	10.49	141.52	485	281
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.29	56.59	117	62
Trombay 7B	1.44	37.74	67	49
Trombay 8	5.34	151.00	238	138
TATA Hydro	1.63	132.87	198	0
Total	21.19	519.72		
AEMIL				
DTPS U-1&2	11.44	323.33	500	316
Total	11.44	323.33		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	147.83	4585.45	MSPGCL Total	179.29	5273.90
			MSPGCL Thml+Gas	154.48	4764.94	Koyna 1,2 & 4 Total	13.58	278.65
			MSPGCL Hydro	24.81	508.96	State Total	366.82	10321.30

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/Mar/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	6061	1801	291	8153	320	5946	0	0	6206	6556	-1024	19951	0	19951	2486	22437	50.02
2	6110	1531	270	7911	248	5900	0	0	6599	6480	-938	19601	0	19601	2347	21948	50.02
3	6101	1108	282	7491	307	5856	0	0	6813	7104	-932	19826	0	19826	2210	22036	50.04
4	6160	1009	292	7461	229	5850	0	0	6691	6742	-831	19451	0	19451	2111	21562	50.04
5	6126	969	282	7377	241	5858	0	0	6898	7103	-727	19852	0	19852	2065	21917	50.02
6	6101	1500	283	7884	217	5852	0	0	6990	7058	-689	20322	0	20322	2081	22402	50.02
7	6074	1909	293	8276	256	5851	0	15	7576	7822	-710	21510	0	21510	2044	23554	50.03
8	6203	1133	293	7629	209	5866	0	197	7829	8054	-694	21262	0	21262	2027	23288	50.05
9	6230	906	271	7407	129	5888	0	481	7506	7764	-738	20930	0	20930	2097	23028	50.02
10	6297	1174	279	7750	176	5874	0	779	7095	7387	-797	21168	0	21168	2216	23384	49.97
11	6277	1058	267	7602	186	5856	0	960	7728	7786	-942	21448	0	21448	2351	23798	49.99
12	6248	1048	266	7562	199	5852	0	1060	8249	8502	-1033	22142	0	22142	2445	24587	50.01
13	6226	973	266	7465	113	5859	0	1105	8511	8437	-1128	21851	0	21851	2491	24342	50.00
14	6255	1015	266	7536	115	5858	0	1036	8131	8377	-1163	21759	0	21759	2503	24262	50.02
15	6200	998	277	7475	132	5848	0	934	8581	8695	-1248	21836	0	21836	2582	24418	50.01
16	6171	943	267	7381	179	5874	0	714	8900	9143	-1286	22005	0	22005	2617	24622	50.00
17	6176	944	267	7387	320	5860	0	463	8404	8077	-976	21130	0	21130	2505	23636	50.04
18	6164	639	269	7072	339	5854	0	166	7296	7366	-810	19987	0	19987	2371	22358	50.06
19	6131	434	279	6844	301	5844	0	12	6825	6743	-1021	18723	0	18723	2333	21056	50.06
20	6152	370	269	6791	379	5860	0	0	6834	6472	-1208	18294	0	18294	2411	20704	50.03
21	5901	366	280	6547	500	5746	0	0	6413	6263	-1239	17817	0	17817	2380	20197	50.02
22	6076	805	270	7151	351	5784	0	0	6020	6126	-1273	18139	0	18139	2406	20545	50.01
23	6179	968	291	7438	437	5812	0	0	6141	6304	-1021	18970	0	18970	2484	21454	50.01
24	6214	1207	281	7702	646	5798	0	0	6432	6402	-1073	19475	0	19475	2571	22046	49.99
MUs	147.83	24.81	6.65	179.29	6.53	140.44	0.00	7.92	174.67	176.76	-23.50	487.45	0.00	487.45	56.13	543.58	50.02

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/Mar/2021

Position as on 6.30 Hrs of 29/Mar/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
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	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
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.18.04.21)	
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	Adani U-2	660	04/03/2021	00.10		Continued.	Increase Hydrogen Consumption	
MSPGCL	Chandrapur Unit 4	210	16/03/2021	08.08		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit B0	120	20/03/2021	00.03		Continued.	Gas shortage	
MSPGCL	Uran Unit 8	108	20/03/2021	00.05		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 5	500	25/03/2021	15.51		Continued.	Boiler Tube Leakage	
IPP	JSW (J) U2	300	26/03/2021	01.13		Continued.	No Schedule	
MSPGCL	Parli Unit 6	250	27/03/2021	02.25		Continued.	Coal mill problem.	
MSPGCL	Paras Unit 3	250	27/03/2021	22.40	28/03/2021	07.00	Furnace Pressure High	
MSPGCL	Chandrapur Unit 3	210	29/03/2021	11.15		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 10	660	29/03/2021	11.35		Continued.	Heavy leakage in gland steam cooler.	
MSPGCL	Paras Unit 3	250	29/03/2021	18.00		Continued.	Clinker information.	

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

Statement-VII

Position as on 6.30 Hrs of 29/Mar/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/Tripping							
Koradi-III - Tirora ckt-II	IntraState	29/03/2021	12.02	29/03/2021	14.44	T	Distance Protection
400 KV LINE Outages/Tripping							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Akola Aurangabad(PG) I	InterState	18/03/2021	12.13		Continued.	PO	SAMRUDHI MAHAMARG PROJECT WORK.
Akola Aurangabad(PG) II	InterState	18/03/2021	14.34		Continued.	PO	SAMRUDHI MAHAMARG PROJECT WORK.
Dhule Sar'Sarovar I	InterState	27/03/2021	18.13	29/03/2021	06.39	HT	Over Voltage
Akola Wardha li	InterState	28/03/2021	22.48	29/03/2021	02.26	T	DT Received.
Dhule Sar'Sarovar II	InterState	29/03/2021	10.16		Continued.	HT	Over Voltage
Akola Wardha I	InterState	29/03/2021	13.17	29/03/2021	23.24	PO	To attend B ph isolator sparking at PG end.
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	18/03/2021	15.48		Continued.	EO	Attending Hot Spot
Padghe - Kalwa- I	IntraState	28/03/2021	04.48	28/03/2021	08.35	EO	To attend Hot Spot
400 KV ICT Outages/Tripping							
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/Tripping							
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)
PARLY (PG) - OLD GCR PARLI	InterState	29/03/2021	11.00	29/03/2021	11.26	PO	Attending Hot Spot
ALKUD - MENDHEGIRI CKT - 1	IntraState	07/03/2021	09.18	28/03/2021	21.21	PO	For Erection Of 220Kv M/C Tower In R/O New 'K' Mahakal-Jath Line Near 220KV Mendhigiri-Alkud Line.
Nerul-Trombay	IntraState	23/03/2021	08.47	28/03/2021	01.22	PO	OPGW stringing work
BHIRA (T) - KARANJADE CKT - 7	IntraState	25/03/2021	06.27	28/03/2021	21.34	PO	DFCC work
Parli 3 (Old Gcr)-Girwali Ckt 2	IntraState	25/03/2021	10.28		Continued.	PO	Railway crossing tower erection work
Sonkhar - Trombay	IntraState	28/03/2021	09.28	28/03/2021	17.12	PO	For MMRDA Pile Foundation Work.
Aurangabad (waluj)-Taptitanda ckt-2	IntraState	28/03/2021	11.03	28/03/2021	16.13	PO	For making LILO Arrangement At 220 KV GEORAI.
Shivajinagar - Malegaon	IntraState	28/03/2021	13.26	28/03/2021	15.07	T	Back UP B-PH.
Karad - Vita Ckt- I	IntraState	29/03/2021	07.09	29/03/2021	17.33	OO	Distance Protection
Sawantwadi-Bidri	IntraState	29/03/2021	10.05	29/03/2021	16.41	PO	For QMW.
Lamboti(solapur)-Karkamb	IntraState	29/03/2021	17.10	29/03/2021	19.54	PO	Chemical cleaning of multi circuit portion from LOC no. 2 to 15.
220 KV ICT Outages/Tripping							
220/100 Kv 100 Mva Cgl Ict 1 @Taloja	IntraState	28/03/2021	09.27	28/03/2021	17.12	PO	EMCO ICT LV side CT Replacement work
220/132kv 200mva Vijai Ptr 2 @Lonand	IntraState	29/03/2021	09.22	29/03/2021	09.33	PO	HV line isolator maintenance work.

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