

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Mar/2021 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	143.023	4727.867	1) Gujrat	7.074	75.061
2) Hydro	13.369	522.329	2) Madhya Pradesh	11.803	406.162
3) Gas	6.581	186.065	3) Chattisgarh	3.040	98.120
Total MSPGCL	162.973	5436.261	4) Maharashtra	141.889	4091.629
B) 1) APLM	58.088	1681.307	5) Goa (Amona)	-1.503	-37.473
2) JSWEL	11.351	401.137	Total	162.303	4633.499
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.180	752.933
4) RPL(AMT)	30.139	874.240	b) Mumbai Drawl	28.177	789.665
5) SWPGPL	8.316	241.232	c) MSEDCL Bilateral *	35.571	1025.232
6) Other IPP	25.808	687.988	Include PX	7.811	110.627
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.180	752.375
C) 1) TPCL Thermal	11.525	304.046	Include PX	12.691	322.054
2) TPCL Hydro	1.172	134.040	Standby	0.000	0.558
3) TPCL Gas	3.528	97.857	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.270	331.600	1) MSEDCL	451.583	13638.935
D) STATE			2) Mumbai Discoms	52.672	1657.209
1) Thermal	296.520	9249.417	TOTAL STATE	504.255	15296.144
(A1+C1+C4+(B1-B6))					
2) Hydro	14.541	656.369			
(A2+C2)					
3) Gas	10.109	283.922			
(A3+B7+C3)					
4) Wind	13.082	249.625			
6) SOLAR	7.700	223.311			
TOTAL STATE	341.952	10662.644			

* 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 14 Hrs	C. Evening Peak at 22 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	5819	5799	5710	5760
MSPGCL Hydro	1228	580	585	681
MSPGCL Gas	266	254	280	270
MSPGCL Total Generation	7313	6633	6575	6711
Central Sector Receipt	7138	7760	6157	6455
WIND	172	104	706	915
CPP / IPP Thermal	5342	5705	5469	5730
CPP / IPP Gas	0	0	0	0
SOLAR	1040	1012	0	0
Exchange with Mumbai	-1243	-1273	-1354	-1470
MSEDCL DEMAND MET	19762	19941	17553	18341
Load Shedding	0	0	0	0
MSEDCL DEMAND	19762	19941	17553	18341
TPCL GENERATION	597	599	751	695
AEML GENERATION	282	282	284	314
MUMBAI DEMAND	2122	2154	2389	2479
STATE DEMAND MET	21884	22095	19942	20820
STATE DEMAND	21884	22095	19942	20820
Frequency (Hz)	50.00	50.00	50.00	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.27 Hz at 06.02 Hrs	49.82 Hz at 20.24 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 29/Mar/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.64	93.02	180	130
Unit 7	3.17	80.34	148	113
Unit 8	9.42	295.06	460	347
Unit 9	9.16	301.52	465	330
Unit 10	3.64	289.65	321	0
Total	29.03	1059.58		
Bhusawal				
Unit 3	4.05	116.31	185	130
Unit 4	11.82	282.43	500	465
Unit 5	11.68	331.92	500	465
Total	27.56	730.66		
Parli				
Unit 6	0.00	133.08	0	0
Unit 7	5.66	135.63	250	194
Unit 8	5.37	161.98	241	209
Total	11.02	430.69		
Chandrapur				
Unit 3	1.76	82.04	157	0
Unit 4	0.00	54.66	0	0
Unit 5	0.00	247.88	0	0
Unit 6	9.87	288.28	420	395
Unit 7	0.00	0.00	0	0
Unit 8	11.88	305.44	500	490
Unit 9	11.40	326.53	500	447
Total	34.92	1304.82		
Paras				
Unit 3	3.64	142.47	232	0
Unit 4	4.79	104.37	252	132
Total	8.43	246.84		
Khaparkheda				
Unit 1	3.22	78.14	150	120
Unit 2	3.36	106.22	155	120
Unit 3	3.89	131.46	195	123
Unit 4	3.81	122.94	186	125
Unit 5	9.67	305.32	430	370
Total	23.95	744.08		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.05	103.06	200	125
Unit 5	4.06	108.13	200	120
Total	8.12	211.19		
Uran				
All Units	6.58	186.06	293	254
Total	6.58	186.06		
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)	0.20	5.08	25	0
Total	0.20	5.08		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.06	121.80	555	40
Stage 4	1.12	161.02	245	0
Stage 3	1.41	61.75	240	0
Total	5.59	344.58		
Hydro				
KDPH	0.70	22.32	36	18
VTRNA	0.96	18.32	60	0
TILLARI	0.52	13.94	58	0
BHIRA T.R.	0.08	6.84	57	0
SMLHY_PTN	5.52	81.88	241	219
GHATGHAR	0.00	18.30	0	0
Total	7.78	161.61		
Wind				
Total	13.08	249.62	0	0
Total	13.08	249.62		
CPP				
APML(Mus)	58.09	1681.31	0	0
JSWEL(Mus)	11.35	401.14	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	30.14	874.24	0	0
SWPGPL-Mus	8.32	241.23	0	0
Other(Mus)	25.81	687.99	0	0
Total	133.70	3885.90		
SOLAR				
Total	7.70	223.31	0	0
Total	7.70	223.31		
Tata				
Trombay 5	7.71	149.24	482	279
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.14	58.73	116	62
Trombay 7B	1.39	39.13	67	49
Trombay 8	3.81	154.81	235	136
TATA Hydro	1.17	134.04	196	0
Total	16.22	535.94		
AEMIL				
DTPS U-1&2	8.27	331.60	500	281
Total	8.27	331.60		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	143.02	4727.87	MSPGCL Total	162.97	5436.26
			MSPGCL Thml+Gas	149.60	4913.93	Koyna 1,2 & 4 Total	4.18	282.83
			MSPGCL Hydro	13.37	522.33	State Total	341.95	10662.64

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/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	6305	561	281	7147	621	5804	0	0	7039	6777	-1064	19285	0	19285	2474	21759	49.99
2	6280	430	281	6991	642	5773	0	0	6641	6525	-982	18949	0	18949	2313	21262	49.97
3	6268	382	292	6942	753	5771	0	0	6574	6487	-1009	18944	0	18944	2263	21207	49.98
4	6239	387	272	6898	883	5796	0	0	6616	6436	-1153	18860	0	18860	2072	20932	49.99
5	6240	396	292	6928	925	5822	0	0	6571	6655	-1199	19131	0	19131	2025	21156	50.02
6	6238	724	283	7245	704	5818	0	0	6791	6862	-833	19796	0	19796	1980	21776	50.05
7	6318	437	282	7037	688	5795	0	18	7555	7443	-710	20271	0	20271	2032	22303	50.06
8	6266	346	293	6905	587	5791	0	177	7476	7480	-996	19944	0	19944	2071	22015	50.10
9	6170	389	281	6840	485	5787	0	488	6503	6804	-1183	19221	0	19221	2002	21223	50.05
10	6107	415	269	6791	384	5486	0	758	6753	6201	-1205	18415	0	18415	2038	20453	49.94
11	6021	695	278	6994	305	4742	0	944	6920	7329	-1225	19089	0	19089	2081	21170	49.97
12	5819	1228	266	7313	172	5342	0	1040	6881	7138	-1243	19762	0	19762	2122	21884	50.00
13	5697	729	265	6691	124	5732	0	1027	7279	7134	-1284	19424	0	19424	2142	21566	49.95
14	5799	580	254	6633	104	5705	0	1012	7535	7760	-1273	19941	0	19941	2154	22095	50.00
15	5846	643	265	6754	188	5680	0	904	7727	6989	-1322	19193	0	19193	2209	21402	49.95
16	5833	673	266	6772	318	5684	0	701	7331	7412	-1350	19537	0	19537	2239	21776	49.96
17	5914	509	266	6689	398	5678	0	451	7009	6763	-1213	18766	0	18766	2188	20954	49.99
18	5838	386	257	6481	487	5657	0	169	6291	6003	-1149	17648	0	17648	2136	19784	50.06
19	5535	360	269	6164	534	4951	0	11	6065	6123	-1124	16659	0	16659	2129	18788	50.04
20	5511	786	279	6576	609	4903	0	0	6117	6421	-1214	17295	0	17295	2281	19576	50.01
21	5557	528	269	6354	647	5078	0	0	6019	6224	-1260	17043	0	17043	2336	19379	49.95
22	5710	585	280	6575	706	5469	0	0	5915	6157	-1354	17553	0	17553	2389	19942	50.00
23	5760	681	270	6711	915	5730	0	0	6039	6455	-1470	18341	0	18341	2479	20820	50.01
24	5752	519	271	6542	903	5708	0	0	6661	6725	-1362	18516	0	18516	2517	21033	50.01
MUs	143.02	13.37	6.58	162.97	13.08	133.70	0.00	7.70	162.31	162.30	-28.18	451.58	0.00	451.58	52.67	504.25	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 29/Mar/2021

Position as on 6.30 Hrs of 30/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	30/03/2021	01.53	Coal mill problem.	
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/Trippings for 29/Mar/2021

Statement-VII

Position as on 6.30 Hrs of 30/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/Trippings							
Koradi-III - Tirora ckt-II	IntraState	29/03/2021	12.02	29/03/2021	14.44	T	Distance Protection
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 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	30/03/2021	06.32	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
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)
PARLY (PG) - OLD GCR PARLI	InterState	29/03/2021	11.00	29/03/2021	11.26	PO	Attending Hot Spot
Parli 3 (Old Gcr)-Girwali Ckt 2	IntraState	25/03/2021	10.28		Continued.	PO	Railway crossing tower erection work
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/Trippings							
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