

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Mar/2021 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	161.480	2721.870	1) Gujrat	2.492	45.482
2) Hydro	29.085	267.890	2) Madhya Pradesh	14.483	216.982
3) Gas	8.512	105.644	3) Chattisgarh	3.160	58.820
Total MSPGCL	199.077	3095.404	4) Maharashtra	133.901	2247.543
B) 1) APLM	59.919	952.965	5) Goa (Amona)	-1.422	-19.548
2) JSWEL	15.900	209.074	Total	152.614	2549.279
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.426	437.047
4) RPL(AMT)	31.373	493.607	b) Mumbai Drawl	23.136	453.441
5) SWPGPL	9.060	135.364	c) MSEDCL Bilateral *	37.265	580.098
6) Other IPP	30.927	311.977	Include PX	3.326	68.145
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.426	436.489
C) 1) TPCL Thermal	16.486	106.304	Include PX	12.016	235.995
2) TPCL Hydro	3.942	96.357	Standby	0.000	0.558
3) TPCL Gas	3.307	58.287	H) ENERGY CATERED (MUs)		
4) AEML Thermal	12.006	190.766	1) MSEDCL	490.773	7548.658
D) STATE			2) Mumbai Discoms	58.877	905.153
1) Thermal	337.151	5121.927	TOTAL STATE	549.650	8453.811
(A1+C1+C4+(B1-B6))					
2) Hydro	33.027	364.247			
(A2+C2)					
3) Gas	11.819	163.931			
(A3+B7+C3)					
4) Wind	7.206	124.571			
6) SOLAR	7.833	129.858			
TOTAL STATE	397.036	5904.534			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6906	6870	6784	6894
MSPGCL Hydro	1605	1415	1295	296
MSPGCL Gas	318	336	369	382
MSPGCL Total Generation	8829	8621	8448	7572
Central Sector Receipt	7371	7674	5591	5390
WIND	94	85	401	638
CPP / IPP Thermal	6142	6103	6256	6038
CPP / IPP Gas	0	0	0	0
SOLAR	1077	1112	0	0
Exchange with Mumbai	-1216	-1385	-1093	-616
MSEDCL DEMAND MET	22298	22210	19604	19022
Load Shedding	0	0	0	0
MSEDCL DEMAND	22298	22210	19604	19022
TPCL GENERATION	1207	1104	1077	783
AEML GENERATION	500	500	500	501
MUMBAI DEMAND	2923	2989	2670	1900
STATE DEMAND MET	25220	25199	22274	20922
STATE DEMAND	25220	25199	22274	20922
Frequency (Hz)	50.00	50.00	49.95	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 13.00 Hrs	49.77 Hz at 22.09 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 16/Mar/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.94	46.56	180	150
Unit 7	3.26	38.76	149	123
Unit 8	10.72	175.90	498	332
Unit 9	11.37	178.48	517	335
Unit 10	11.13	181.55	510	300
Total	40.42	621.25		
Bhusawal				
Unit 3	4.26	65.18	185	170
Unit 4	5.09	154.78	475	0
Unit 5	11.33	186.53	495	430
Total	20.68	406.48		
Parli				
Unit 6	5.13	79.98	250	105
Unit 7	5.94	63.06	249	241
Unit 8	5.72	90.36	248	228
Total	16.79	233.40		
Chandrapur				
Unit 3	3.54	50.73	152	145
Unit 4	1.08	54.66	135	0
Unit 5	10.19	161.07	430	420
Unit 6	10.12	159.90	428	414
Unit 7	0.00	0.00	0	0
Unit 8	5.46	181.96	452	0
Unit 9	11.51	183.07	490	462
Total	41.90	791.40		
Paras				
Unit 3	5.34	81.27	245	195
Unit 4	0.00	43.66	0	0
Total	5.34	124.94		
Khaparkheda				
Unit 1	3.00	50.34	130	110
Unit 2	3.40	60.56	160	90
Unit 3	4.92	73.97	205	205
Unit 4	4.53	70.59	195	185
Unit 5	11.18	169.82	480	450
Total	27.02	425.28		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.70	63.68	199	186
Unit 5	4.62	55.43	197	184
Total	9.32	119.12		
Uran				
All Units	8.51	105.64	410	289
Total	8.51	105.64		
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)	0.03	2.23	23	0
Total	0.03	2.23		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	5.48	66.33	565	45
Stage 4	10.73	93.38	1007	0
Stage 3	3.90	34.53	240	0
Total	20.10	194.24		
Hydro				
KDPH	0.86	11.56	36	36
VTRNA	0.82	7.24	59	0
TILLARI	0.55	7.18	58	0
BHIRA T.R.	0.14	5.44	80	0
SMLHY_PTN	5.05	12.39	220	198
GHATGHAR	1.56	13.69	250	0
Total	8.98	57.51		
Wind				
Total	7.21	124.57	0	0
Total	7.21	124.57		
CPP				
APML(Mus)	59.92	952.96	0	0
JSWEL(Mus)	15.90	209.07	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.37	493.61	0	0
SWPGPL-Mus	9.06	135.36	0	0
Other(Mus)	30.93	311.98	0	0
Total	147.18	2102.99		
SOLAR				
Total	7.83	129.86	0	0
Total	7.83	129.86		
Tata				
Trombay 5	10.88	17.38	482	289
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.96	35.64	111	59
Trombay 7B	1.34	22.65	66	48
Trombay 8	5.61	88.92	239	213
TATA Hydro	3.94	96.36	343	5
Total	23.74	260.95		
AEML				
DTPS U-1&2	12.01	190.77	502	499
Total	12.01	190.77		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	161.48	2721.87	MSPGCL Total	199.08	3095.40
			MSPGCL Thml+Gas	169.99	2827.51	Koyna 1,2 & 4 Total	16.21	159.71
			MSPGCL Hydro	29.08	267.89	State Total	397.04	5904.53

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/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	6993	514	309	7816	588	6032	0	0	5874	5939	-852	19524	0	19524	2248	21772	50.02
2	6886	419	341	7646	527	6004	0	0	5816	5590	-679	19088	0	19088	2104	21192	50.04
3	6875	344	379	7598	586	6033	0	0	5740	5465	-558	19124	0	19124	1984	21108	50.03
4	6894	296	382	7572	638	6038	0	0	5708	5390	-616	19022	0	19022	1900	20922	50.02
5	6915	350	393	7658	545	6009	0	0	5702	5682	-663	19231	0	19231	1863	21094	50.02
6	6933	1198	320	8451	401	6052	0	0	5951	5766	-551	20119	0	20119	1909	22028	49.98
7	6861	2144	305	9310	262	6161	0	5	6013	6137	-576	21299	0	21299	1962	23261	49.95
8	6726	2195	313	9234	247	6162	0	151	6204	6725	-705	21814	0	21814	2079	23892	50.01
9	6698	1873	312	8883	194	6169	0	441	6457	6552	-890	21349	0	21349	2326	23675	49.95
10	6753	1577	289	8619	170	6210	0	777	6570	6964	-981	21759	0	21759	2611	24370	49.93
11	6785	1649	299	8733	142	6182	0	981	6659	6976	-1133	21880	0	21880	2834	24714	50.01
12	6906	1605	318	8829	94	6142	0	1077	7398	7371	-1216	22298	0	22298	2923	25220	50.00
13	6870	1415	336	8621	85	6103	0	1112	7515	7674	-1385	22210	0	22210	2989	25199	50.00
14	6625	933	342	7900	79	5972	0	1072	7914	7562	-1303	21282	0	21282	2795	24078	49.97
15	6450	1792	352	8594	68	5973	0	928	7782	7708	-1352	21919	0	21919	2843	24762	49.92
16	6495	2089	375	8959	72	6127	0	667	7366	7228	-1252	21801	0	21801	2880	24681	49.99
17	6515	1939	393	8847	125	6280	0	450	6796	6762	-1156	21308	0	21308	2837	24145	49.99
18	6658	1524	410	8592	187	6278	0	163	6422	5916	-1046	20090	0	20090	2755	22845	49.94
19	6735	793	396	7924	293	6255	0	9	6157	5828	-1095	19214	0	19214	2660	21874	49.91
20	6784	1295	369	8448	401	6256	0	0	5970	5591	-1093	19604	0	19604	2670	22274	49.95
21	6716	516	382	7614	458	6277	0	0	5971	5514	-1030	18833	0	18833	2556	21389	50.02
22	6621	516	395	7532	363	6238	0	0	5936	5954	-1020	19067	0	19067	2434	21501	50.00
23	6473	854	406	7733	314	6142	0	0	5989	6107	-1001	19295	0	19295	2369	21664	49.91
24	6313	1255	396	7964	367	6078	0	0	6077	6213	-983	19638	0	19638	2346	21984	49.96
MUs	161.48	29.08	8.51	199.08	7.21	147.17	0.00	7.83	153.99	152.61	-23.14	490.77	0.00	490.77	58.88	549.64	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 16/Mar/2021

Position as on 6.30 Hrs of 17/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	Uran Unit B0	120	25/05/2020	12.51	16/03/2021	14.47	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	Koyana 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	Bhusawal Unit 4	500	14/03/2021	21.55	16/03/2021	10.18	Boiler Flame Failure.	
MSPGCL	Uran Unit 8	108	15/03/2021	05.57	16/03/2021	00.22	Trail Run.	
MSPGCL	Paras Unit 4	250	15/03/2021	22.29		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 4	210	16/03/2021	08.08		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit-8	500	16/03/2021	13.46		Continued.	Drum Level High	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 16/Mar/2021

Statement-VII

Position as on 6.30 Hrs of 17/Mar/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe HvdC Pole 2	IntraState	17/03/2021	05.59		Continued.	T	Line Fault
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
Chandrapur Bhadravati II	InterState	15/03/2021	09.23	17/03/2021	02.14	PO	Relay Replacement work
Dhule Sar'Sarovar I	InterState	15/03/2021	23.28	16/03/2021	06.45	HT	Over Voltage
Deepnagar Taptitanda	IntraState	16/03/2021	08.03	16/03/2021	10.41	PO	Replacement of damage suspension Hanger
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 500 Mva ICT III @Aurangabad (Waluj)	IntraState	15/03/2021	12.29		Continued.	PO	New repaired Y phase Unit to be commissioned
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
220kv Halkarni- Tillary	IntraState	06/03/2021	09.02		Continued.	PO	Replacement Of Circuit Breaker At Tillary End.
ALKUD - MENDHEGIRI CKT - 1	IntraState	07/03/2021	09.18		Continued.	PO	For Erection Of 220Kv M/C Tower In R/O New 'K' Mahakal-Jath Line Near 220KV Mendhigiri-Alkud Line.
Eklahare (Gcr)(Nashik)- Ghatghar	IntraState	16/03/2021	01.05	16/03/2021	01.55	T	Distance Protection
Vita - Mhaishal	IntraState	16/03/2021	04.25	16/03/2021	09.30	PO	chemical washing of Insulator strings
Vita Alkud	IntraState	16/03/2021	04.25	16/03/2021	09.30	PO	Chemical washing of Insulator strings
Talandage(400kv) - Five Star Midc	IntraState	16/03/2021	09.36	16/03/2021	16.08	PO	Line signature analysis
Uran - Jnpt	IntraState	16/03/2021	11.33	16/03/2021	20.32	PO	Testing Work
Kandalgaon - Bhira	IntraState	16/03/2021	13.54	16/03/2021	17.20	PO	Tree Cutting
Kharghar - Nerul	IntraState	16/03/2021	16.28	16/03/2021	19.36	PO	Routine Maintenance Work
Vita - Mhaishal	IntraState	16/03/2021	18.56	17/03/2021	03.25	PO	Chemical washing of Insulators
220 KV ICT Outages/Trippings							
220/132KV 100MVA -1@Alephata	IntraState	16/03/2021	09.20	16/03/2021	12.05	PO	CRM and CB timing measurement work
220/33kv 100 Mva Transformer 4 @Versova R/S	IntraState	16/03/2021	09.23		Continued.	PO	Overhauling of 220KV Circuit Breaker
220/132/11 Kv 200 Mva Cgl Ict 2 @Amravati	IntraState	16/03/2021	10.17	16/03/2021	11.43	PO	OLTC conservator tank oil rectification
220/132 Kv 200 Mva Bbl Ict 2 @Waghala Nanded	IntraState	16/03/2021	10.35	16/03/2021	18.50	PO	CTR work
220/66 Kv 150 Mva Emco Ict 2 @Gadchandur	IntraState	16/03/2021	12.26		Continued.	EO	Attending Oil Leakage

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