

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Mar/2021 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	151.714	2873.584	1) Gujrat	2.779	48.261
2) Hydro	37.000	304.890	2) Madhya Pradesh	14.320	231.302
3) Gas	9.974	115.618	3) Chattisgarh	3.130	61.950
Total MSPGCL	198.688	3294.092	4) Maharashtra	138.662	2386.205
B) 1) APML	59.963	1012.928	5) Goa (Amona)	-1.489	-21.037
2) JSWEL	17.693	226.767	Total	157.402	2706.681
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.783	460.830
4) RPL(AMT)	31.318	524.925	b) Mumbai Drawl	23.898	477.339
5) SWPGPL	9.096	144.460	c) MSEDCL Bilateral *	38.936	619.034
6) Other IPP	31.232	343.209	Include PX	4.766	72.912
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.783	460.272
C) 1) TPCL Thermal	17.183	123.487	Include PX	12.077	248.071
2) TPCL Hydro	3.710	100.067	Standby	0.000	0.558
3) TPCL Gas	3.100	61.387	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.961	202.727	1) MSEDCL	494.655	8043.313
D) STATE			2) Mumbai Discoms	59.855	965.008
1) Thermal	330.160	5452.087	TOTAL STATE	554.510	9008.321
(A1+C1+C4+(B1-B6))					
2) Hydro	40.710	404.957			
(A2+C2)					
3) Gas	13.074	177.005			
(A3+B7+C3)					
4) Wind	6.316	130.887			
6) SOLAR	6.845	136.703			
TOTAL STATE	397.105	6301.639			

* 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 3 Hrs
MSPGCL Thermal	6131	6127	6546	6214
MSPGCL Hydro	2221	2184	1496	791
MSPGCL Gas	399	408	413	418
MSPGCL Total Generation	8751	8719	8455	7423
Central Sector Receipt	7352	7434	5626	5931
WIND	90	69	307	437
CPP / IPP Thermal	6273	6229	6344	6182
CPP / IPP Gas	0	0	0	0
SOLAR	1016	976	0	0
Exchange with Mumbai	-1169	-1239	-1115	-704
MSEDCL DEMAND MET	22313	22188	19617	19269
Load Shedding	0	0	0	0
MSEDCL DEMAND	22313	22188	19617	19269
TPCL GENERATION	1274	1185	1139	826
AEML GENERATION	499	498	498	500
MUMBAI DEMAND	2942	2922	2752	2030
STATE DEMAND MET	25255	25110	22369	21299
STATE DEMAND	25255	25110	22369	21299
Frequency (Hz)	49.93	49.99	49.91	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 18.03 Hrs	49.66 Hz at 22.08 Hrs	49.94	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 17/Mar/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.86	50.42	170	140
Unit 7	3.06	41.82	136	116
Unit 8	6.18	182.08	432	0
Unit 9	9.00	187.48	440	320
Unit 10	8.04	189.59	364	283
Total	30.14	651.39		
Bhusawal				
Unit 3	4.30	69.47	185	165
Unit 4	11.37	166.14	480	465
Unit 5	11.84	198.37	500	485
Total	27.50	433.98		
Parli				
Unit 6	5.84	85.82	250	225
Unit 7	5.86	68.92	249	234
Unit 8	5.76	96.12	250	210
Total	17.45	250.86		
Chandrapur				
Unit 3	3.60	54.33	153	145
Unit 4	0.00	54.66	0	0
Unit 5	10.04	171.11	425	410
Unit 6	10.12	170.02	426	415
Unit 7	0.00	0.00	0	0
Unit 8	0.00	181.96	0	0
Unit 9	11.39	194.46	490	448
Total	35.16	826.56		
Paras				
Unit 3	5.24	86.51	238	185
Unit 4	0.86	44.52	240	0
Total	6.10	131.04		
Khaparkheda				
Unit 1	2.89	53.24	130	110
Unit 2	3.72	64.28	160	150
Unit 3	4.66	78.63	205	165
Unit 4	4.22	74.80	186	150
Unit 5	10.68	180.51	465	425
Total	26.18	451.46		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.63	68.31	200	178
Unit 5	4.56	59.99	196	174
Total	9.19	128.30		
Uran				
All Units	9.97	115.62	441	395
Total	9.97	115.62		
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)	0.30	2.53	26	0
Total	0.30	2.53		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	8.59	74.92	565	40
Stage 4	14.85	108.23	1005	0
Stage 3	5.02	39.55	240	138
Total	28.45	222.69		
Hydro				
KDPH	0.86	12.43	36	36
VTRNA	0.50	7.74	60	0
TILLARI	0.70	7.88	58	0
BHIRA T.R.	0.20	5.64	70	0
SMLHY_PTN	5.52	17.91	249	211
GHATGHAR	0.76	14.45	125	0
Total	8.55	66.05		
Wind				
Total	6.32	130.89	0	0
Total	6.32	130.89		
CPP				
APML(Mus)	59.96	1012.93	0	0
JSWEL(Mus)	17.69	226.77	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.32	524.92	0	0
SWPGPL-Mus	9.10	144.46	0	0
Other(Mus)	31.23	343.21	0	0
Total	149.30	2252.29		
SOLAR				
Total	6.84	136.70	0	0
Total	6.84	136.70		
Tata				
Trombay 5	11.51	28.90	483	463
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.80	37.44	114	60
Trombay 7B	1.30	23.95	67	48
Trombay 8	5.67	94.59	240	234
TATA Hydro	3.71	100.07	450	0
Total	23.99	284.94		
AEML				
DTPS U-1&2	11.96	202.73	500	495
Total	11.96	202.73		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	151.71	2873.58	MSPGCL Total	198.69	3294.09
			MSPGCL Thml+Gas	161.69	2989.20	Koyna 1,2 & 4 Total	23.44	183.15
			MSPGCL Hydro	37.00	304.89	State Total	397.10	6301.64

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/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	6299	1274	412	7985	424	6200	0	0	6089	5797	-918	19488	0	19488	2244	21732	49.84
2	6250	1157	418	7825	374	6186	0	0	5898	5750	-807	19328	0	19328	2133	21460	49.96
3	6214	791	418	7423	437	6182	0	0	5814	5931	-704	19269	0	19269	2030	21299	50.03
4	6242	453	421	7116	528	6032	0	0	5894	6333	-622	19386	0	19386	1946	21332	50.02
5	6323	536	410	7269	536	5989	0	0	6084	6208	-583	19419	0	19419	1909	21328	50.00
6	6362	883	420	7665	495	6041	0	0	6466	6535	-616	20120	0	20120	1945	22065	49.89
7	6337	1747	432	8516	354	6239	0	11	6659	6999	-654	21465	0	21465	1986	23451	49.96
8	6352	2092	423	8867	279	6262	0	131	6675	6958	-757	21740	0	21740	2091	23830	49.95
9	6127	2216	441	8784	164	6298	0	408	6335	6894	-892	21656	0	21656	2325	23981	49.97
10	6003	2303	416	8722	103	6300	0	722	6485	6727	-878	21696	0	21696	2605	24302	49.97
11	6094	2200	413	8707	164	6262	0	928	6943	6920	-1039	21942	0	21942	2822	24764	49.95
12	6131	2221	399	8751	90	6273	0	1016	7194	7352	-1169	22313	0	22313	2942	25255	49.93
13	6127	2184	408	8719	69	6229	0	976	7353	7434	-1239	22188	0	22188	2922	25110	49.99
14	6134	1791	395	8320	87	5994	0	888	7748	7697	-1408	21578	0	21578	2839	24417	50.00
15	6175	2055	407	8637	69	6025	0	746	7727	8123	-1455	22145	0	22145	2897	25042	49.94
16	6233	2183	407	8823	88	6179	0	560	7522	7624	-1349	21925	0	21925	2924	24849	49.89
17	6288	2235	398	8921	111	6317	0	322	7085	6849	-1178	21342	0	21342	2897	24239	49.89
18	6341	1908	411	8660	116	6296	0	130	6597	6303	-1123	20382	0	20382	2820	23202	49.93
19	6434	1362	412	8208	147	6337	0	7	6020	5739	-1106	19332	0	19332	2751	22083	49.93
20	6546	1496	413	8455	307	6344	0	0	5995	5626	-1115	19617	0	19617	2752	22369	49.91
21	6633	869	426	7928	407	6338	0	0	5937	5500	-1050	19124	0	19124	2615	21738	49.91
22	6670	797	438	7905	311	6334	0	0	5904	5903	-1048	19405	0	19405	2519	21924	49.91
23	6702	938	417	8057	285	6338	0	0	5949	6142	-1052	19770	0	19770	2468	22238	49.87
24	6697	1309	419	8425	371	6308	0	0	6011	6058	-1136	20026	0	20026	2470	22496	49.98
MUs	151.71	37.00	9.97	198.69	6.32	149.30	0.00	6.85	156.38	157.40	-23.90	494.65	0.00	494.65	59.85	554.51	49.94

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 17/Mar/2021

Position as on 6.30 Hrs of 18/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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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	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	Paras Unit 4	250	15/03/2021	22.29	17/03/2021	18.45	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	
MSPGCL	Koradi Unit-8	660	17/03/2021	08.47	17/03/2021	13.28	Generator protection	
MSPGCL	Koyana Unit 3	70	17/03/2021	11.05	17/03/2021	14.45	Minor governor failure pilot needle getting closed instantaneously	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 17/Mar/2021

Statement-VII

Position as on 6.30 Hrs of 18/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							
Ektuni-Akola II Ckt 2	IntraState	26/02/2021	10.15	17/03/2021	18.52	PO	(MSRDC-Highway Authority) modification of line, Nagpur-Mumbai Express highway Work.
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	17/03/2021	05.59	17/03/2021	10.17	T	Line Fault
Chandrapur - Padghe Hvdc Pole 1	IntraState	17/03/2021	08.41	17/03/2021	10.16	HT	Hand Tripped to avoid fatal accident
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
Parly(MS)- Nanded ckt I	IntraState	17/03/2021	12.01	17/03/2021	19.02	PO	Line 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 500 Mva ICT III @Aurangabad (Waluj)	IntraState	15/03/2021	12.29		Continued.	PO	New repaired Y phase Unit to be commissioned
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	17/03/2021	11.40	17/03/2021	17.40	HT	Attending Hot Spot
400/220/33 Kv 315 Mva Ict 2 @Koradi	IntraState	17/03/2021	12.09	17/03/2021	20.04	PO	Replacement of R & B Phase HV side LA.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
PARLY (PG) - OSMANABAD	InterState	17/03/2021	18.31	17/03/2021	22.31	EO	Attending Hot Spot
220kv Halkarni- Tillary	IntraState	06/03/2021	09.02	17/03/2021	16.20	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.
Vita - Mhaishal	IntraState	16/03/2021	18.56	17/03/2021	03.25	PO	Chemical washing of Insulators
WALCHANDNAGAR - PHALTAN MIDC	IntraState	17/03/2021	11.02	17/03/2021	14.50	PO	Require outage for replacement of flash over insulator string at location no. 52 & 53
Trombay - Mulund	IntraState	17/03/2021	11.18		Continued.	PO	Replacement of conductor in between Loc. No. 56 to 58
Uran - Jnpt	IntraState	17/03/2021	11.39	17/03/2021	20.16	PO	Testing Work
Sadawaghapur Karad Ckt 2	IntraState	17/03/2021	11.51	17/03/2021	23.31	PO	safety purpose
Pandharpur - Malinagar	IntraState	17/03/2021	12.15	17/03/2021	16.35	PO	Quarterly Maintanance Work
Lamboti - Pandharpur li	IntraState	17/03/2021	12.15	17/03/2021	16.26	PO	Quarterly Maintanance Work
Pusad-WardhaPG(Deoli)	IntraState	17/03/2021	18.18	17/03/2021	22.42	T	Distance Protection
220 KV ICT Outages/Trippings							
220/33kv 100 Mva Transformer 4 @Versova R/S	IntraState	16/03/2021	09.23		Continued.	PO	Overhauling of 220KV Circuit Breaker
220/66 Kv 150 Mva Emco Ict 2 @Gadchandur	IntraState	16/03/2021	12.26		Continued.	EO	Attending Oil Leakage
220/33kv 100 MVA Transformer 3 @Ghodbunder R/S	IntraState	17/03/2021	11.53	17/03/2021	22.28	PO	Connection of 33kv cable between NGT of 100MVA TR 3
220/132 Kv 200 Mva Cgl Ict 1 @Bale (Solapur 2)	IntraState	17/03/2021	12.16	17/03/2021	15.03	PO	Replacement work
220/100 Kv 200 MVA ICT I @Apta	IntraState	17/03/2021	15.17		Continued.	EO	Replacement of Faulty Differential relay

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