

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Mar/2021 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	154.467	3028.051	1) Gujrat	1.318	49.579
2) Hydro	28.702	333.592	2) Madhya Pradesh	14.557	245.859
3) Gas	7.888	123.506	3) Chattisgarh	2.360	64.310
Total MSPGCL	191.057	3485.149	4) Maharashtra	144.553	2530.758
B) 1) APML	59.915	1072.843	5) Goa (Amona)	-1.336	-22.373
2) JSWEL	18.934	245.701	Total	161.452	2868.133
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.218	486.049
4) RPL(AMT)	31.445	556.370	b) Mumbai Drawl	25.550	502.889
5) SWPGPL	9.118	153.578	c) MSEDCL Bilateral *	37.659	656.693
6) Other IPP	31.704	374.913	Include PX	5.899	78.811
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.218	485.491
C) 1) TPCL Thermal	16.544	140.031	Include PX	9.664	257.735
2) TPCL Hydro	3.523	103.590	Standby	0.000	0.558
3) TPCL Gas	2.591	63.978	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.960	214.687	1) MSEDCL	493.275	8536.588
D) STATE			2) Mumbai Discoms	60.168	1025.176
1) Thermal	334.087	5786.174	TOTAL STATE	553.443	9561.764
(A1+C1+C4+(B1-B6))					
2) Hydro	32.225	437.182			
(A2+C2)					
3) Gas	10.479	187.484			
(A3+B7+C3)					
4) Wind	8.513	139.400			
6) SOLAR	6.687	143.390			
TOTAL STATE	391.991	6693.630			

* 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 23 Hrs
MSPGCL Thermal	6187	6218	6217	6328
MSPGCL Hydro	1924	1810	993	458
MSPGCL Gas	403	390	190	210
MSPGCL Total Generation	8514	8418	7400	6996
Central Sector Receipt	7917	7384	6433	6203
WIND	149	117	618	736
CPP / IPP Thermal	6273	6294	6328	6342
CPP / IPP Gas	0	0	0	0
SOLAR	980	1064	0	0
Exchange with Mumbai	-1279	-1210	-1127	-1165
MSEDCL DEMAND MET	22554	22067	19652	19112
Load Shedding	0	0	0	0
MSEDCL DEMAND	22554	22067	19652	19112
TPCL GENERATION	1181	1174	1079	751
AEML GENERATION	499	499	498	499
MUMBAI DEMAND	2959	2883	2704	2415
STATE DEMAND MET	25513	24950	22356	21527
STATE DEMAND	25513	24950	22356	21527
Frequency (Hz)	49.93	49.97	50.00	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 18.01 Hrs	49.7 Hz at 21.08 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 18/Mar/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.14	53.56	175	0
Unit 7	3.19	45.01	148	122
Unit 8	9.12	191.20	522	295
Unit 9	7.56	195.04	390	265
Unit 10	8.62	198.21	510	280
Total	31.62	683.01		
Bhusawal				
Unit 3	4.26	73.72	185	165
Unit 4	11.60	177.74	495	470
Unit 5	11.66	210.04	500	450
Total	27.52	461.50		
Parli				
Unit 6	5.86	91.68	250	190
Unit 7	5.95	74.87	252	245
Unit 8	5.87	101.99	250	231
Total	17.68	268.54		
Chandrapur				
Unit 3	3.56	57.89	154	144
Unit 4	0.00	54.66	0	0
Unit 5	10.02	181.13	430	385
Unit 6	10.11	180.13	425	412
Unit 7	0.00	0.00	0	0
Unit 8	0.00	181.96	0	0
Unit 9	11.34	205.80	494	450
Total	35.02	861.57		
Paras				
Unit 3	5.17	91.68	232	150
Unit 4	5.74	50.26	250	181
Total	10.90	141.94		
Khaparkheda				
Unit 1	2.94	56.17	135	100
Unit 2	3.78	68.06	160	155
Unit 3	4.68	83.31	205	190
Unit 4	4.16	78.96	183	150
Unit 5	10.57	191.08	455	420
Total	26.12	477.58		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	1.51	69.82	187	0
Unit 5	4.09	64.07	194	95
Total	5.60	133.90		
Uran				
All Units	7.89	123.51	449	190
Total	7.89	123.51		
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	2.74	27	0
Total	0.20	2.74		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.86	79.78	560	40
Stage 4	11.74	119.96	1005	0
Stage 3	3.81	43.35	240	0
Total	20.40	243.09		
Hydro				
KDPH	0.86	13.29	36	36
VTRNA	0.76	8.50	59	0
TILLARI	0.67	8.54	58	0
BHIRA T.R.	0.14	5.78	80	0
SMLHY_PTN	5.73	23.64	249	229
GHATGHAR	0.14	14.60	125	0
Total	8.30	74.36		
Wind				
Total	8.51	139.40	0	0
Total	8.51	139.40		
CPP				
APML(Mus)	59.92	1072.84	0	0
JSWEL(Mus)	18.93	245.70	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.44	556.37	0	0
SWPGPL-Mus	9.12	153.58	0	0
Other(Mus)	31.70	374.91	0	0
Total	151.12	2403.40		
SOLAR				
Total	6.69	143.39	0	0
Total	6.69	143.39		
Tata				
Trombay 5	10.88	39.78	489	309
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.44	38.88	65	57
Trombay 7B	1.15	25.10	51	46
Trombay 8	5.66	100.26	240	233
TATA Hydro	3.52	103.59	350	0
Total	22.66	307.60		
AEML				
DTPS U-1&2	11.96	214.69	500	497
Total	11.96	214.69		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	154.47	3028.05	MSPGCL Total	191.06	3485.15
			MSPGCL Thml+Gas	162.36	3151.56	Koyna 1,2 & 4 Total	16.59	199.74
			MSPGCL Hydro	28.70	333.59	State Total	391.99	6693.63

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/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	6811	1054	449	8314	421	6325	0	0	5971	5910	-1023	19947	0	19947	2366	22313	50.00
2	6815	607	419	7841	345	6340	0	0	5988	6001	-915	19612	0	19612	2239	21851	50.02
3	6740	469	438	7647	386	6221	0	0	6236	6077	-795	19536	0	19536	2122	21658	50.02
4	6805	403	419	7627	407	6195	0	0	6360	6215	-770	19674	0	19674	2017	21691	50.03
5	6806	334	441	7581	331	6299	0	0	6337	6440	-822	19829	0	19829	1972	21801	49.95
6	6734	630	441	7805	305	6287	0	0	6605	6864	-749	20512	0	20512	2025	22537	49.97
7	6686	1507	429	8622	289	6282	0	5	6870	7144	-749	21593	0	21593	2077	23670	49.94
8	6761	1584	423	8768	264	6304	0	134	7137	7132	-835	21767	0	21767	2178	23945	49.99
9	6537	1440	408	8385	196	6301	0	394	6971	7298	-1003	21571	0	21571	2389	23960	49.98
10	6425	1783	405	8613	178	6270	0	688	6813	6928	-1092	21585	0	21585	2653	24238	49.86
11	6354	1786	393	8533	175	6296	0	861	7161	7125	-1229	21761	0	21761	2834	24595	49.98
12	6187	1924	403	8514	149	6273	0	980	7566	7917	-1279	22554	0	22554	2959	25513	49.93
13	6218	1810	390	8418	117	6294	0	1064	7605	7384	-1210	22067	0	22067	2883	24950	49.97
14	6291	1309	357	7957	143	6296	0	923	7642	7517	-1266	21570	0	21570	2790	24360	50.00
15	6173	1710	225	8108	221	6258	0	748	7711	7656	-1298	21693	0	21693	2829	24522	49.94
16	6165	2125	210	8500	251	6221	0	485	7547	7540	-1236	21761	0	21761	2860	24621	49.94
17	6138	2179	210	8527	214	6296	0	314	7131	7056	-1239	21168	0	21168	2838	24006	49.98
18	6138	1890	199	8227	260	6300	0	90	6526	6314	-1159	20032	0	20032	2777	22809	50.01
19	6174	1138	210	7522	407	6335	0	1	6275	6072	-1109	19228	0	19228	2704	21932	50.01
20	6217	993	190	7400	618	6328	0	0	6299	6433	-1127	19652	0	19652	2704	22356	50.00
21	6293	462	210	6965	698	6335	0	0	6236	5931	-1197	18732	0	18732	2637	21369	50.01
22	6369	384	209	6962	743	6359	0	0	6149	5865	-1119	18810	0	18810	2468	21278	49.96
23	6328	458	210	6996	736	6342	0	0	6192	6203	-1165	19112	0	19112	2415	21527	49.98
24	6302	723	200	7225	659	6359	0	0	6233	6430	-1164	19509	0	19509	2432	21941	50.02
MUs	154.47	28.70	7.89	191.06	8.51	151.12	0.00	6.69	161.56	161.45	-25.55	493.27	0.00	493.27	60.17	553.44	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 18/Mar/2021

Position as on 6.30 Hrs of 19/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	Chandrapur Unit-8	500	16/03/2021	13.46		Continued.	Drum Level High	
MSPGCL	Nasik Unit 4	210	18/03/2021	08.37		Continued.	Boiler Tube Leakage	
TPC-G	Bhira PSU	150	18/03/2021	15.40	18/03/2021	18.53	Butterfly valve problem.	
MSPGCL	Koradi Unit 6	210	18/03/2021	15.49	18/03/2021	19.36	Main Bus-I trip at Koradi end.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Mar/2021

Statement-VII

Position as on 6.30 Hrs of 19/Mar/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 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.
Koradi Bhilai	InterState	18/03/2021	15.49	19/03/2021	02.43	T	Master trip relay of 400 KV Koradi Bhilai ckt at 400KV Koradi Faulty.
Koradi Satpur	InterState	18/03/2021	15.49	18/03/2021	21.20	T	Master trip relay of 400 KV Koradi Bhilai ckt at 400KV Koradi Faulty.
Kolhapur Solapur(PG) I	InterState	18/03/2021	16.56	18/03/2021	19.44	EO	Attending Hot Spot
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	18/03/2021	10.22	18/03/2021	11.05	PO	Line Reactor outage
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	18/03/2021	15.48		Continued.	EO	Attending Hot Spot
Koradi-Bhusawal	IntraState	18/03/2021	15.49	18/03/2021	16.33	T	Master trip relay of 400 KV Koradi Bhilai ckt at 400KV Koradi Faulty.
Koradi-Khaperkhedha I	IntraState	18/03/2021	15.49	18/03/2021	16.35	T	Master trip relay of 400 KV Koradi Bhilai ckt at 400KV Koradi Faulty.
Main Bus-I @ Koradi-II	IntraState	18/03/2021	15.49	18/03/2021	16.25	T	Master trip relay of 400 KV Koradi Bhilai ckt at 400KV Koradi Faulty.
Koradi-Bhusawal	IntraState	18/03/2021	17.00	18/03/2021	17.54	T	Master trip relay of 400 KV Koradi Bhilai ckt at 400KV Koradi Faulty.
Main Bus-I @ Koradi-II	IntraState	18/03/2021	17.00	18/03/2021	17.50	T	Master trip relay of 400 KV Koradi Bhilai ckt at 400KV Koradi Faulty.
Koradi-Khaperkhedha I	IntraState	18/03/2021	17.00	18/03/2021	17.58	T	Master trip relay of 400 KV Koradi Bhilai ckt at 400KV Koradi Faulty.
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	18/03/2021	17.12	18/03/2021	17.38	PO	LR Annual 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 KV 315MVA ICT II @ Parali (Girwali)	IntraState	18/03/2021	10.54	18/03/2021	18.54	PO	Testing Work
400/220 KV 300 MVA ICT- I @Koradi	IntraState	18/03/2021	15.49	18/03/2021	16.41	T	Master trip relay of 400 KV Koradi Bhilai ckt at 400KV Koradi Faulty.
400/220 KV 300 MVA ICT- I @Koradi	IntraState	18/03/2021	17.00	18/03/2021	18.01	T	Master trip relay of 400 KV Koradi Bhilai ckt at 400KV Koradi Faulty.
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)
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.
Trombay - Mulund	IntraState	17/03/2021	11.18		Continued.	PO	Replacement of conductor in between Loc. No. 56 to 58
Nagothane - Spcl	IntraState	18/03/2021	09.15	18/03/2021	19.55	PO	Testing Work
Kharghar - Tss Panvel	IntraState	18/03/2021	10.45	18/03/2021	16.09	PO	Routine Maintenance Work
Pirangut - Hinjawadi 2	IntraState	18/03/2021	11.32	18/03/2021	16.37	PO	Restrining of Conductor
Kadegaon-Miraj	IntraState	18/03/2021	13.05	18/03/2021	17.28	PO	Testing Work
Eklahare (Gcr)(Nashik)- Ghatghar	IntraState	18/03/2021	14.02	18/03/2021	17.05	PO	Testing Work
220 KV JALKOT - NANDED (KUMBHARGAON) CKT - 2	IntraState	18/03/2021	15.13		Continued.	PO	DC Fail at Jalkot S/S
220 KV JALKOT - NANDED (KUMBHARGAON) CKT - 1	IntraState	18/03/2021	15.14		Continued.	PO	DC Fail at Jalkot S/S
Chalishgaon - Deepnagar	IntraState	18/03/2021	15.24	18/03/2021	20.55	T	Distance Protection
Bableshwar- Alephata ckt I	IntraState	18/03/2021	18.38	19/03/2021	01.00	PO	Tan Delta Measurment of CTs

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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Mar/2021

Statement-VII

Position as on 6.30 Hrs of 19/Mar/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Deepnagar Bambhori	IntraState	18/03/2021	18.39	18/03/2021	20.46	PO	For attending breakdown of 220KV Deepnagar-Chalisgaon line
220 KV ICT Outages/Trippings							
220/33kv 100 Mva Transformer 4 @Versova R/S	IntraState	16/03/2021	09.23	18/03/2021	19.13	PO	Overhauling of 220KV Circuit Breaker
220/100 Kv 200 MVA ICT I @Apta	IntraState	17/03/2021	15.17		Continued.	EO	Replacement of Faulty Differential relay
220/132kv 100mva Ptr 2 @Kharepatan	IntraState	18/03/2021	09.24	18/03/2021	18.07	PO	ICT painting work