

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/Mar/2019 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.757	2702.580	1) Gujrat	2.340	48.342
2) Hydro	8.238	197.973	2) Madhya Pradesh	16.072	366.355
3) Gas	7.073	144.229	3) Chattisgarh	5.280	116.950
Total MSPGCL	144.068	3044.782	4) Maharashtra	94.358	2366.093
B) 1) APML	57.222	1472.236	5) Goa (Amona)	-0.462	-8.096
2) JSWEL	19.162	460.829	Total	117.588	2889.644
3) VIPL	0.000	0.000	a) Mumbai Schedule	17.575	408.458
4) RPL(AMT)	4.689	67.821	b) Mumbai Drawl	18.523	426.468
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	18.832	310.747
6) Other IPP	14.583	263.241	Include PX	-1.379	-29.731
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	17.575	408.458
C) 1) TPCL Thermal	12.320	290.136	Include PX	10.708	181.122
2) TPCL Hydro	1.448	93.184	Standby	0.000	0.000
3) TPCL Gas	4.299	90.899	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.979	207.838	1) MSEDCL	361.243	8193.665
D) STATE			2) Mumbai Discoms	45.569	1108.523
1) Thermal	245.712	5464.681	TOTAL STATE	406.812	9302.188
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	9.686	291.157			
3) Gas (A3+B7+C3)	11.372	235.128			
4) Wind	15.369	272.131			
6) SOLAR	7.085	149.449			
TOTAL STATE	289.224	6412.546			

* 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 24 Hrs
MSPGCL Thermal	5297	5277	5237	5272
MSPGCL Hydro	657	652	828	170
MSPGCL Gas	284	280	290	306
MSPGCL Total Generation	6238	6209	6355	5748
Central Sector Receipt	5449	5366	4144	4370
WIND	170	219	817	849
CPP / IPP Thermal	3907	3900	3873	3833
CPP / IPP Gas	0	0	0	0
SOLAR	901	975	0	0
Exchange with Mumbai	-801	-862	-814	-851
MSEDCL DEMAND MET	15864	15807	14375	13949
Load Shedding	0	0	0	0
MSEDCL DEMAND	15864	15807	14375	13949
TPCL GENERATION	732	744	925	737
AEML GENERATION	374	374	372	375
MUMBAI DEMAND	1907	1980	2111	1963
STATE DEMAND MET	17771	17787	16486	15912
STATE DEMAND	17771	17787	16486	15912
Frequency (Hz)	49.95	49.90	49.98	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 06.04 Hrs	49.76 Hz at 18.49 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 21/Mar/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.68	74.60	155	150
Unit 7	0.00	0.00	0	0
Unit 8	8.42	205.24	403	315
Unit 9	9.31	189.79	461	350
Unit 10	8.78	209.91	460	294
Total	30.18	679.54		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.44	164.90	355	345
Unit 5	8.54	210.82	360	350
Total	16.97	375.72		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	4.72	36.37	203	190
Total	4.72	36.37		
Chandrapur				
Unit 3	4.05	93.04	172	164
Unit 4	4.00	90.00	168	164
Unit 5	8.83	198.55	371	365
Unit 6	0.00	0.00	0	0
Unit 7	8.91	48.62	380	358
Unit 8	9.24	227.68	480	365
Unit 9	9.24	221.02	482	360
Total	44.27	878.91		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	4.90	119.32	250	190
Total	4.90	119.32		
Khaparkheda				
Unit 1	3.66	79.72	170	115
Unit 2	3.05	78.88	160	0
Unit 3	3.85	74.96	165	160
Unit 4	3.82	74.23	160	155
Unit 5	9.42	216.28	470	375
Total	23.81	524.07		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.90	88.65	169	160
Unit 5	0.00	0.00	0	0
Total	3.90	88.65		
Uran				
All Units	7.07	144.23	315	280
Total	7.07	144.23		
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)	0.00	2.04	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	2.04		
Koyna				
Stage 1-2	2.82	64.44	385	40
Stage 4	0.29	23.24	251	0
Stage 3	0.97	19.53	160	0
Total	4.08	107.21		
Hydro				
KDPH	0.89	17.19	37	37
VTRNA	0.99	18.72	61	0
TILLARI	0.61	7.32	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	5.19	80	0
RNGR+BHTSA	0.30	6.17	13	12
BHANDARDRA	0.41	9.21	39	9
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.53	11.84	23	22
GHATGHAR	0.22	15.12	112	0
Total	4.16	90.76		
Wind				
Total	15.37	272.13	0	0
Total	15.37	272.13		
CPP				
APML(Mus)	57.22	1472.24	0	0
JSWEL(Mus)	19.16	460.83	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	4.69	67.82	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	14.58	263.24	0	0
Total	95.66	2264.13		
SOLAR				
Total	7.08	149.45	0	0
Total	7.08	149.45		
Tata				
Trombay 5	7.49	182.29	314	311
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.74	57.79	115	113
Trombay 7B	1.56	33.11	66	64
Trombay 8	4.83	107.84	203	199
TATA Hydro	1.45	93.18	232	0
Total	18.07	474.22		
AEML				
DTPS U-1&2	8.98	207.84	375	372
Total	8.98	207.84		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	128.76	2702.58	MSPGCL Total	144.07	3044.78
			MSPGCL Thml+Gas	135.83	2846.81	Koyna 1,2 & 4 Total	3.11	87.68
			MSPGCL Hydro	8.24	197.97	State Total	289.22	6412.55

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 21/Mar/2019

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	5389	411	306	6106	894	3979	0	0	5281	5188	-857	15310	0	15310	1992	17302	49.96
2	5393	193	294	5880	915	4152	0	0	5181	5068	-694	15321	0	15321	1834	17155	49.99
3	5382	252	315	5949	969	4127	0	0	5050	4958	-621	15382	0	15382	1745	17127	50.04
4	5383	156	307	5846	934	3934	0	0	4932	5076	-615	15175	0	15175	1683	16858	50.00
5	5534	131	298	5963	832	3990	0	0	5218	5319	-614	15490	0	15490	1682	17172	50.01
6	5773	121	308	6202	759	4214	0	0	5548	5535	-670	16040	0	16040	1735	17775	50.06
7	5781	479	309	6569	725	4401	0	3	5531	5566	-695	16569	0	16569	1762	18331	50.06
8	5672	393	296	6361	450	4415	0	144	5660	5535	-715	16190	0	16190	1782	17972	50.02
9	5346	369	305	6020	303	4210	0	435	5463	5495	-776	15687	0	15687	1842	17529	50.07
10	5275	432	290	5997	245	4080	0	746	5267	5010	-793	15285	0	15285	1873	17158	50.02
11	5257	451	288	5996	241	3877	0	816	5115	5207	-799	15338	0	15338	1889	17227	50.05
12	5297	657	284	6238	170	3907	0	901	5408	5449	-801	15864	0	15864	1907	17771	49.95
13	5277	652	280	6209	219	3900	0	975	5428	5366	-862	15807	0	15807	1980	17787	49.90
14	5264	495	282	6041	218	3887	0	969	5049	5094	-844	15365	0	15365	1967	17332	50.01
15	5275	308	283	5866	403	3865	0	776	5005	4890	-779	15021	0	15021	1897	16918	50.03
16	5319	306	284	5909	555	3844	0	677	4748	4819	-762	15042	0	15042	1880	16922	50.04
17	5315	255	284	5854	716	3857	0	441	4639	4563	-756	14675	0	14675	1893	16568	50.05
18	5288	221	286	5795	795	3822	0	194	4180	4118	-775	13949	0	13949	1914	15863	50.04
19	5262	216	287	5765	791	3838	0	8	4022	3822	-790	13434	0	13434	1979	15413	49.94
20	5237	828	290	6355	817	3873	0	0	3933	4144	-814	14375	0	14375	2111	16486	49.98
21	5228	307	302	5837	862	3891	0	0	4298	4259	-909	13940	0	13940	2120	16060	50.05
22	5267	205	294	5766	825	3886	0	0	4092	4299	-841	13935	0	13935	2086	16021	50.03
23	5271	230	295	5796	882	3874	0	0	4593	4438	-890	14100	0	14100	2053	16153	50.05
24	5272	170	306	5748	849	3833	0	0	4356	4370	-851	13949	0	13949	1963	15912	50.01
MUs	128.76	8.24	7.07	144.07	15.37	95.66	0.00	7.08	118.00	117.59	-18.52	361.24	0.00	361.24	45.57	406.81	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 21/Mar/2019

Position as on 6.30 Hrs of 22/Mar/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Parli Unit 7	250	12/12/2018	00.00		Continued.	Zero Schedule. (From Dt-27/01/2019 Converted Zero sch to AOH) and (from dt-15/02/2019 Converted AOH to Zero sch by MSEDCL)	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit B0	120	08/09/2018	12.19		Continued.	T/F Shifting Work.	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn Due To B0 & U-7	
MSPGCL	Paras Unit 3	250	15/09/2018	00.55		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Zero Schedule.	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	14/12/2018	03.00		Continued.	Zero Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	RPL(AMT) U-2	270	27/12/2018	19.30		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-5	270	28/12/2018	19.30		Continued.	Zero Schedule.	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 3	210	09/01/2019	19.30		Continued.	Zero Schedule	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	19/01/2019	18.21		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-1	270	27/01/2019	02.17		Continued.	Withdrawn On RSD.	
MSPGCL	Chandrapur Unit 6	500	20/02/2019	22.07		Continued.	Rotor Earth Fault	
MSPGCL	Nasik Unit 5	210	23/02/2019	17.20		Continued.	Swapping with Unit 4	
MSPGCL	Khaparkheda Unit 2	210	20/03/2019	17.46	21/03/2019	04.24	FD Fan tripped.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 21/Mar/2019

Statement-VII

Position as on 6.30 Hrs of 22/Mar/2019

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 I	IntraState	22/03/2019	19.34		Continued.	EO	Remove long cloth on conductor
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
Dhule Sar'Sarovar I	InterState	19/03/2019	18.26		Continued.	HT	Over Voltage
Dabhol Nagothane I	InterState	21/03/2019	04.58	22/03/2019	06.24	T	Distance Protection, RQ, E/F IF - 2.5KA.
Khadka-Aurangabad (Waluj)	IntraState	20/03/2019	17.34	22/03/2019	09.29	HT	Over Voltage
Parly(MS)- Nanded ckt II	IntraState	21/03/2019	00.18	21/03/2019	02.17	EO	To attend Hot Spot
Jejuri- Koynastage-IV	IntraState	21/03/2019	09.54	21/03/2019	17.35	PO	Annual Maintenance Work & Testing Work.
N.Koyna-Karad -Ckt II	IntraState	21/03/2019	10.50	21/03/2019	11.48	T	Tripped Due To Bus Bar Operated.
karad -kolhapur-I	IntraState	21/03/2019	10.50	21/03/2019	11.47	T	Tripped Due To Bus Bar Operated.
Karad-Jaigad - I	IntraState	21/03/2019	10.50	21/03/2019	11.52	T	Tripped Due To Bus Bar Operated.
Karad - Lonikand 1	IntraState	21/03/2019	10.50	21/03/2019	13.57	T	At Lonikand End,R-N Fault,116.7KM,3.229KA, AT Karad,Z-1,R PH,6.21KA,42.48KM -Found Sugar Cane Burning AT Loc NO-113,114.
Bus Coupler @ Padgha	IntraState	21/03/2019	16.25	21/03/2019	19.08	EO	To Attend Hot Spot At A-Bus Isolator Clamp.
Jaigad-Karad Ckt-I	IntraState	21/03/2019	20.38	22/03/2019	07.29	HT	Over Voltage
Padghe - Nagothane - I	IntraState	22/03/2019	05.48	22/03/2019	19.14	T	Distance Protection B-Ph.
Padghe - Nagothane - II	IntraState	22/03/2019	05.58	22/03/2019	19.15	T	Distance Protection R-Ph.
Bus Coupler @ Karad	IntraState	22/03/2019	08.02	22/03/2019	10.05	EO	Rept.of Compressor NRV
Babhaleshwar - Bhusawal II	IntraState	22/03/2019	10.48	22/03/2019	17.01	PO	CT Ratio Changing Work At BBLR End.
Khadka-Aurangabad (Waluj)	IntraState	22/03/2019	17.49		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
400/220kv 315 Mva ICT I @Karad	IntraState	21/03/2019	10.50	21/03/2019	11.45	T	Tripped Due To Bus Bar Operated.
400/220/33 Kv 315 MVA ICT-II @Waluj	IntraState	22/03/2019	08.49	22/03/2019	19.03	PO	Attending Oil Leakage
400/220/33 Kv 105 Mva Bhel Spare Ict 1 @Nagothane	IntraState	22/03/2019	10.28	22/03/2019	22.15	PO	Diagnostic Testing
400/220/22 Kv 100 Mva Ict 1 @Koradi	IntraState	22/03/2019	11.32	22/03/2019	11.58	PO	Earthing Work.
167 Mva Spare Ict @Lamboti	IntraState	22/03/2019	12.47	22/03/2019	13.01	PO	Avoid Interference During TAN D Mesurment
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	No Schedule
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of Conductor Loc No 86 Disconnecting of Jumper At Loc No 86 & 107 And De-energising The Line Bet.86 To 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	For Bunching of Conductor At Loc No.86 Disconnecting of Jumper At Loc No.86 To 107 And Deenergising The Line Between Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading.
Mulund - GIS Bhandup	IntraState	22/03/2019	08.07	22/03/2019	13.57	PO	1) Diagnostic testing Work 2) Hot spot attending and Bay

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 21/Mar/2019

Statement-VII

Position as on 6.30 Hrs of 22/Mar/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							maintenance work.
Pusad - Hingoli	IntraState	22/03/2019	08.19	22/03/2019	16.24	PO	Alignment of Earth Switch of Line Isolator.
Kharghar-Sonkhar	IntraState	22/03/2019	08.20	22/03/2019	19.05	PO	Diagnostic Testing.
Koradi-Butibori Rly Tss	IntraState	22/03/2019	08.35	22/03/2019	14.45	PO	Fixing of Vibration Damper.
Oni Kharepatan Line	IntraState	22/03/2019	09.21	22/03/2019	11.39	PO	CB timing & CRM of CB
Padghe - Wada	IntraState	22/03/2019	10.58	22/03/2019	18.38	PO	Rept.of faulty insulator string
Bus Coupler @ Paras	IntraState	22/03/2019	11.28	22/03/2019	14.30	PO	Diagnostic Testing Work.
Nanded-Ghatodi	IntraState	22/03/2019	11.48	22/03/2019	14.33	PO	Line Maintenance work
Pedhambe - Oni	IntraState	22/03/2019	12.05	22/03/2019	13.55	PO	CB timing & CRM of CB testing
220 KV ICT Outages/Trippings							
220/132 kV 100MVA ICT @ Bhandara	IntraState	21/03/2019	05.33	21/03/2019	10.31	PO	Diagnostic Testing Work.
220/22-22 KV 100 MVA PTR 3 @ PAL-DOMBIVALI	IntraState	22/03/2019	09.10	22/03/2019	19.25	PO	OLTC O/H Work.
220/22 Kv 50 Mva T&R Ptr 1 @Anandnagar	IntraState	22/03/2019	10.15	22/03/2019	14.45	PO	OLTC O/H Work
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	07/03/2019	15.40		Continued.	HT	Hand trip Form Pench end for system requirment.
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.

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