

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 20/Mar/2019 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	137.518	2573.823	1) Gujrat	1.588	46.002
2) Hydro	8.664	189.735	2) Madhya Pradesh	19.130	350.283
3) Gas	7.026	137.156	3) Chattisgarh	5.750	111.670
Total MSPGCL	153.208	2900.714	4) Maharashtra	117.269	2271.735
B) 1) APML	63.984	1415.014	5) Goa (Amona)	-0.374	-7.634
2) JSWEL	22.173	441.667	Total	143.363	2772.056
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.878	390.882
4) RPL(AMT)	5.423	63.132	b) Mumbai Drawl	23.044	407.945
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	21.997	291.915
6) Other IPP	14.360	248.658	Include PX	-0.549	-28.352
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.878	390.882
C) 1) TPCL Thermal	14.090	277.816	Include PX	15.151	170.414
2) TPCL Hydro	5.854	91.736	Standby	0.000	0.000
3) TPCL Gas	4.301	86.600	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.914	198.859	1) MSEDCL	405.035	7832.422
D) STATE			2) Mumbai Discoms	57.199	1062.954
1) Thermal	267.462	5218.969	TOTAL STATE	462.234	8895.376
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	14.518	281.471			
3) Gas (A3+B7+C3)	11.327	223.756			
4) Wind	18.872	256.762			
6) SOLAR	6.696	142.364			
TOTAL STATE	318.875	6123.322			

* 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	6213	6159	5276	5275
MSPGCL Hydro	820	476	361	135
MSPGCL Gas	272	281	289	306
MSPGCL Total Generation	7305	6916	5926	5716
Central Sector Receipt	6636	6460	5491	5904
WIND	179	226	1527	697
CPP / IPP Thermal	4987	4968	4188	3789
CPP / IPP Gas	0	0	0	0
SOLAR	891	912	0	0
Exchange with Mumbai	-1145	-1114	-1121	-620
MSEDCL DEMAND MET	18853	18368	16011	15486
Load Shedding	0	0	0	0
MSEDCL DEMAND	18853	18368	16011	15486
TPCL GENERATION	1345	1324	1139	698
AEML GENERATION	502	503	374	376
MUMBAI DEMAND	2992	2941	2634	1694
STATE DEMAND MET	21845	21309	18645	17180
STATE DEMAND	21845	21309	18645	17180
Frequency (Hz)	49.98	49.96	50.00	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 17.36 Hrs	49.78 Hz at 22.40 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 20/Mar/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.86	70.92	190	145
Unit 7	0.00	0.00	0	0
Unit 8	9.86	196.82	460	380
Unit 9	10.43	180.48	534	301
Unit 10	10.84	201.13	515	365
Total	35.00	649.36		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.98	156.46	500	350
Unit 5	9.82	202.29	505	350
Total	19.81	358.76		
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	5.28	31.66	250	196
Total	5.28	31.66		
Chandrapur				
Unit 3	4.44	88.99	193	163
Unit 4	4.34	86.00	188	165
Unit 5	9.32	189.71	409	350
Unit 6	0.00	0.00	0	0
Unit 7	6.37	39.71	393	0
Unit 8	10.66	218.44	480	367
Unit 9	10.06	211.78	465	377
Total	45.18	834.63		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.57	114.41	250	204
Total	5.57	114.41		
Khaparkheda				
Unit 1	1.23	76.06	135	0
Unit 2	2.70	75.83	165	0
Unit 3	3.81	71.11	180	150
Unit 4	3.76	70.40	170	147
Unit 5	10.79	206.86	485	370
Total	22.30	500.26		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.38	84.74	209	160
Unit 5	0.00	0.00	0	0
Total	4.38	84.74		
Uran				
All Units	7.03	137.16	310	271
Total	7.03	137.16		
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	2.04	17	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.03	2.04		
Koyna				
Stage 1-2	3.23	61.62	400	40
Stage 4	1.65	22.95	459	0
Stage 3	0.83	18.56	160	0
Total	5.72	103.13		
Hydro				
KDPH	0.89	16.30	37	37
VTRNA	0.12	17.72	60	0
TILLARI	0.40	6.71	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.29	4.99	80	0
RNGR+BHTSA	0.30	5.87	13	12
BHANDARDRA	0.42	8.80	37	9
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.53	11.31	23	22
GHATGHAR	0.00	14.90	0	0
Total	2.95	86.60		
Wind				
Total	18.87	256.76	0	0
Total	18.87	256.76		
CPP				
APML(Mus)	63.98	1415.01	0	0
JSWEL(Mus)	22.17	441.67	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	5.42	63.13	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	14.36	248.66	0	0
Total	105.94	2168.47		
SOLAR				
Total	6.70	142.36	0	0
Total	6.70	142.36		
Tata				
Trombay 5	8.83	174.80	483	310
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.74	55.06	115	113
Trombay 7B	1.56	31.54	66	64
Trombay 8	5.26	103.01	232	200
TATA Hydro	5.85	91.74	459	46
Total	24.24	456.15		
AEML				
DTPS U-1&2	9.91	198.86	503	372
Total	9.91	198.86		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	137.52	2573.82	MSPGCL Total	153.21	2900.71
			MSPGCL Thml+Gas	144.54	2710.98	Koyna 1,2 & 4 Total	4.88	84.57
			MSPGCL Hydro	8.66	189.74	State Total	318.88	6123.32

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 20/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	5513	187	305	6005	704	4235	0	0	6158	5973	-856	16061	0	16061	1981	18042	49.99
2	5335	170	297	5802	788	4094	0	0	5934	5877	-721	15840	0	15840	1834	17674	50.02
3	5305	140	296	5741	684	3978	0	0	5969	5719	-670	15452	0	15452	1742	17194	49.96
4	5275	135	306	5716	697	3789	0	0	5764	5904	-620	15486	0	15486	1694	17180	50.02
5	5433	160	308	5901	778	3835	0	0	5952	5968	-603	15879	0	15879	1673	17552	49.93
6	5828	194	300	6322	860	4270	0	0	6051	5948	-572	16828	0	16828	1799	18627	49.94
7	6035	855	310	7200	810	4450	0	2	6008	6116	-602	17976	0	17976	1968	19944	50.01
8	6155	979	300	7434	513	4625	0	138	6142	6248	-619	18339	0	18339	2143	20482	50.01
9	6185	475	307	6967	283	4761	0	429	6267	6395	-753	18082	0	18082	2426	20508	50.02
10	6236	442	290	6968	193	4828	0	612	6458	6482	-973	18110	0	18110	2733	20843	50.01
11	6312	500	285	7097	192	5000	0	826	6480	6403	-1138	18380	0	18380	2924	21304	50.02
12	6213	820	272	7305	179	4987	0	891	6582	6636	-1145	18853	0	18853	2992	21845	49.98
13	6159	476	281	6916	226	4968	0	912	6623	6460	-1114	18368	0	18368	2941	21309	49.96
14	5995	177	282	6454	405	4942	0	910	6539	6534	-1177	18068	0	18068	2776	20844	50.01
15	6038	271	279	6588	601	4986	0	806	6543	6570	-1274	18277	0	18277	2813	21090	50.00
16	5978	126	281	6385	961	4901	0	627	6567	6526	-1320	18080	0	18080	2821	20901	49.97
17	5787	121	271	6179	1159	4632	0	392	6502	6265	-1269	17358	0	17358	2795	20153	50.02
18	5627	121	286	6034	1338	4386	0	144	6088	5734	-1222	16414	0	16414	2713	19127	50.08
19	5256	184	298	5738	1489	4208	0	7	5849	5578	-1209	15811	0	15811	2624	18435	50.04
20	5276	361	289	5926	1527	4188	0	0	5409	5491	-1121	16011	0	16011	2634	18645	50.00
21	5383	240	292	5915	1498	4098	0	0	5237	5154	-1130	15535	0	15535	2503	18038	50.03
22	5392	613	303	6308	1123	3951	0	0	4672	4958	-1029	15311	0	15311	2339	17650	50.05
23	5411	498	294	6203	978	3898	0	0	5104	5179	-957	15301	0	15301	2222	17523	49.91
24	5391	419	294	6104	886	3930	0	0	5306	5245	-950	15215	0	15215	2113	17328	49.93
MUs	137.5 2	8.66	7.03	153.21	18.87	105.94	0.00	6.70	144.20	143.36	-23.04	405.04	0.00	405.04	57.20	462.24	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 20/Mar/2019

Position as on 6.30 Hrs of 21/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	Chandrapur Unit 7	500	13/03/2019	20.39	20/03/2019	05.37	Turbine Over Speed Problem Malfunction.	
IPP	Adani U-3	660	17/03/2019	18.16	20/03/2019	07.58	APH-B Hot PA Bellow Leakage.	
MSPGCL	Khaparkheda Unit 1	210	19/03/2019	22.41	20/03/2019	14.11	Flame Failure	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 20/Mar/2019

Position as on 6.30 Hrs of 21/Mar/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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 20/Mar/2019

Statement-VII

Position as on 6.30 Hrs of 21/Mar/2019

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
Dhule Sar'Sarovar I	InterState	19/03/2019	18.26		Continued.	HT	Over Voltage
Dabhol Nagothane I	InterState	21/03/2019	04.58		Continued.	T	Distance Protection, RQ, E/F IF - 2.5KA.
Jaigad-New Koyna Ckt-II	IntraState	18/03/2019	10.14	20/03/2019	18.27	PO	Relay Retro Fitting Work.
Khadka-Aurangabad (Waluj)	IntraState	19/03/2019	18.09	20/03/2019	11.00	HT	Over Voltage
Dhule - Bableswhar - li	IntraState	20/03/2019	09.54	20/03/2019	15.51	PO	CT Ratio Change From 1000a To 2000a AT Bableswhar End.
Koradi-Bhusawal	IntraState	20/03/2019	16.32	20/03/2019	17.22	T	Distance Protection,YPH.
Khadka-Aurangabad (Waluj)	IntraState	20/03/2019	17.34		Continued.	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.
Karad-Jaigad - I	IntraState	21/03/2019	10.50	21/03/2019	11.52	T	Tripped Due To Bus Bar Operated.
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 - 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		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.
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.
PARLY (PG) - OSMANABAD	InterState	20/03/2019	10.50	20/03/2019	20.33	PO	Vibrating Damper Fixing.
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.
Talandage - Sawantwadi I	IntraState	19/03/2019	11.40	20/03/2019	00.31	EO	Auto Reclosure Scheme Commissioning.
Niwali - Pawas Line	IntraState	20/03/2019	01.48	20/03/2019	16.24	T	DPD-45 KM, R-Phase.
Uran - Kharghar 2	IntraState	20/03/2019	06.21	20/03/2019	12.32	T	Distance Protection
New Koyna - Pedambe	IntraState	20/03/2019	08.08	20/03/2019	14.55	PO	Preventive maintenance.
Kharghar-Borivali ckt I	IntraState	20/03/2019	09.33	20/03/2019	19.50	PO	Stringing of OPGW cable at loc no 19 to kharghar gantry.
Pusad-Ghatodi	IntraState	20/03/2019	09.47	20/03/2019	16.48	HT	In View Of Outage On Pusad-Wardha PG Ckt.
Pusad - Hingoli	IntraState	20/03/2019	09.48	20/03/2019	16.45	HT	In View Of Outage On Pusad-Wardha PG Ckt.

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 20/Mar/2019

Statement-VII

Position as on 6.30 Hrs of 21/Mar/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Pusad-WardhaPG(Deoli)	IntraState	20/03/2019	09.50	20/03/2019	16.38	PO	Fixing of vibration damper.
GIS Bhandup - Borivali	IntraState	20/03/2019	10.29	20/03/2019	13.15	PO	Annual Relay Testing Work.
Nagothane - ACCIL	IntraState	20/03/2019	10.46	20/03/2019	19.35	PO	Isolator Maintenance & Diagnostic Test.
220 KV ICT Outages/Trippings							
220/100 Kv 200 Mva Bhel Ict 1 @Kalwa	IntraState	20/03/2019	10.53	20/03/2019	14.35	PO	Relay Testing Work.
220/110 Kv 200 MVA ICT-III @Kolhapur-II (Mudshingi)	IntraState	20/03/2019	14.45	20/03/2019	17.13	PO	WRM Work.
220/132 kv 100MVA ICT @ Bhandara	IntraState	21/03/2019	05.33	21/03/2019	10.31	PO	Diagnostic Testing 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.
Pusad-Jambazar	IntraState	20/03/2019	09.39	20/03/2019	16.50	HT	In View Of Outage On Pusad- Wardha PG Ckt.
Dhule(220kv)-Dondaicha(132 Kv)	IntraState	20/03/2019	14.12	20/03/2019	15.41	T	E/F,R-PH-2.229KA,E-2.30KA.

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