

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/Mar/2018 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	143.740	2969.419	1) Gujrat	-2.122	-8.886
2) Hydro	13.767	293.830	2) Madhya Pradesh	18.441	415.574
3) Gas	10.138	154.676	3) Chattisgarh	5.480	129.390
Total MSPGCL	167.645	3417.925	4) Maharashtra Net	106.284	2391.791
B) 1) APLM	46.396	930.291	5) Goa (Amona)	-0.792	-14.542
2) JSWEL	19.235	392.326	Total	127.291	2913.327
3) VIPL	11.758	206.081	a) Mumbai Schedule	22.470	459.475
4) RPL(AMT)	17.464	344.952	b) Mumbai Drawl	26.810	504.348
5) WPCL	4.187	83.977	c) MSEDCL Bilateral *	33.217	784.780
6) PGPL	0.000	0.000	Include PX	1.866	185.955
7) Other IPP	14.062	249.889	d) Mumbai Bilateral *	22.470	459.475
C) 1) TPCL Thermal	14.748	326.652	Include PX	2.843	109.117
2) TPCL Hydro	5.015	84.248	Include Standby	0.000	0.000
3) TPCL Gas	4.320	78.258	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.436	231.718	1) MSEDCL	400.730	8241.509
D) STATE			2) Mumbai Discoms	61.329	1225.241
1) Thermal	282.026	5735.305	TOTAL STATE	462.059	9466.750
(A1+C1+C4+(B1-B6))					
2) Hydro	18.782	378.078			
(A2+C2)					
3) Gas	14.458	232.934			
(A3+B6+C3)					
4) Wind	15.532	137.296			
6) SOLAR	3.970	69.793			
TOTAL STATE	334.768	6553.406			

* 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	6103	6104	5750	5902
MSPGCL Hydro	1599	1207	455	105
MSPGCL Gas	398	415	425	439
MSPGCL Total Generation	8100	7726	6630	6446
Central Sector Receipt	5912	5915	5182	4975
WIND	261	383	1007	664
CPP / IPP Thermal	4935	4928	4457	4400
CPP / IPP Gas	0	0	0	0
SOLAR	546	548	0	0
Exchange with Mumbai	-1317	-1394	-1267	-799
MSEDCL DEMAND MET	18437	18106	16009	15686
Load Shedding	0	0	0	0
MSEDCL DEMAND	18437	18106	16009	15686
TPCL GENERATION	1320	1200	1139	704
R-INFRA GENERATION	502	500	377	377
MUMBAI DEMAND	3139	3094	2783	1880
STATE DEMAND MET	21576	21200	18792	17566
STATE DEMAND	21576	21200	18792	17566
Frequency (Hz)	49.99	50.01	49.92	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 13.03 Hrs	49.78 Hz at 18.45 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 21/Mar/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	8.40	194.28	351	346
Unit 9	8.42	211.70	355	350
Unit 10	8.42	261.69	358	350
Total	25.24	667.68		
Bhusawal				
Unit 3	4.43	30.41	200	160
Unit 4	11.44	238.10	490	375
Unit 5	11.57	241.28	500	380
Total	27.44	509.79		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.10	118.41	250	178
Unit 7	0.00	101.53	0	0
Unit 8	5.31	114.19	242	169
Total	10.41	334.13		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.99	224.02	470	445
Unit 6	0.00	0.00	0	0
Unit 7	0.00	50.03	0	0
Unit 8	11.47	174.72	487	470
Unit 9	11.29	235.35	482	460
Total	33.75	684.12		
Paras				
Unit 3	5.97	100.66	255	243
Unit 4	6.00	122.22	255	245
Total	11.98	222.89		
Khaparkhedda				
Unit 1	0.00	0.00	0	0
Unit 2	4.59	31.32	200	160
Unit 3	4.98	58.08	210	198
Unit 4	5.05	83.24	214	197
Unit 5	12.02	212.60	510	500
Total	26.64	385.24		
Nasik				
Unit 3	0.00	3.83	0	0
Unit 4	4.06	86.31	181	158
Unit 5	4.24	75.44	191	163
Total	8.29	165.57		
Uran				
All Units	10.14	154.68	439	398
Total	10.14	154.68		
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	0.80	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.80		
Koyna				
Stage 1-2	2.70	74.72	445	40
Stage 4	5.64	102.47	880	0
Stage 3	2.11	38.07	240	0
Total	10.45	215.26		
Hydro				
KDPH	0.00	11.22	0	0
VTRNA	1.01	24.57	61	0
TILLARI	0.36	4.19	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.31	4.08	80	0
RNGR+BHTSA	0.28	6.42	12	11
BHANDARDRA	0.32	7.93	14	13
ELDARY	0.21	0.63	9	8
SMLHY_PTN	0.70	13.90	30	29
GHATGHAR	0.13	5.63	100	0
Total	3.32	78.57		
Wind				
Total	15.53	137.30	0	0
Total	15.53	137.30		
CPP				
APML(Mus)	46.40	930.29	0	0
JSWEL(Mus)	19.24	392.33	0	0
VIPL(Mus)	11.76	206.08	0	0
RPLAMT(Mus)	17.46	344.95	0	0
WPCL(Mus)	4.19	83.98	0	0
Other(Mus)	14.06	249.89	0	0
Total	113.10	2207.52		
SOLAR				
Total	3.97	69.79	0	0
Total	3.97	69.79		
Tata				
Trombay 5	9.46	211.76	489	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.73	48.08	119	94
Trombay 7B	1.59	30.17	68	59
Trombay 8	5.29	114.89	244	199
TATA Hydro	5.02	84.25	457	0
Total	24.08	489.16		
R-INFRA				
DTPS U-1&2	10.44	231.72	505	374
Total	10.44	231.72		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	143.74	2969.42	MSPGCL Total	167.64	3417.92
			MSPGCL Thml+Gas	153.88	3124.10	Koyna 1,2 & 4 Total	8.34	177.20
			MSPGCL Hydro	13.77	293.83	State Total	334.77	6553.41

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 21/Mar/2018

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	5993	321	428	6742	600	4542	0	0	5159	5349	-1115	16118	0	16118	2264	18382	50.03
2	5930	210	426	6566	524	4633	0	0	5138	5097	-920	15900	0	15900	2071	17971	49.98
3	5966	110	429	6505	596	4586	0	0	5121	4912	-878	15721	0	15721	1958	17679	49.99
4	5902	105	439	6446	664	4400	0	0	5123	4975	-799	15686	0	15686	1880	17566	50.01
5	5972	105	432	6509	602	4378	0	0	5167	5056	-771	15774	0	15774	1853	17627	49.96
6	6062	367	432	6861	481	4813	0	0	5082	5210	-671	16694	0	16694	1949	18643	49.96
7	6069	1547	422	8038	468	4874	0	4	5145	5186	-600	17970	0	17970	2094	20064	50.00
8	6113	1380	433	7926	369	4927	0	98	5062	5063	-660	17723	0	17723	2226	19949	50.03
9	6097	1077	428	7602	177	4946	0	253	5082	5053	-930	17101	0	17101	2524	19625	50.00
10	6112	877	425	7414	118	4904	0	394	5296	5449	-1107	17172	0	17172	2858	20030	49.99
11	6098	889	421	7408	212	4944	0	506	5427	5639	-1226	17483	0	17483	3060	20543	49.98
12	6103	1599	398	8100	261	4935	0	546	5842	5912	-1317	18437	0	18437	3139	21576	49.99
13	6104	1207	415	7726	383	4928	0	548	6080	5915	-1394	18106	0	18106	3094	21200	50.01
14	6011	1028	416	7455	565	4948	0	508	5521	5613	-1302	17787	0	17787	2978	20765	50.03
15	6015	872	405	7292	774	4905	0	451	5722	5671	-1304	17789	0	17789	3014	20803	49.96
16	5988	219	404	6611	992	4893	0	358	6286	5934	-1282	17506	0	17506	2991	20497	49.93
17	6009	198	417	6624	1180	4839	0	220	5837	5824	-1423	17264	0	17264	2935	20199	49.95
18	5883	239	420	6542	1201	4745	0	84	5372	4949	-1483	16038	0	16038	2849	18887	49.98
19	5676	228	412	6316	1222	4450	0	0	5043	4897	-1451	15434	0	15434	2748	18182	49.93
20	5750	455	425	6630	1007	4457	0	0	5180	5182	-1267	16009	0	16009	2783	18792	49.92
21	5926	242	426	6594	897	4485	0	0	5089	4999	-1299	15676	0	15676	2671	18347	49.99
22	5933	163	427	6523	761	4521	0	0	4895	4902	-1133	15574	0	15574	2541	18115	49.96
23	6019	162	428	6609	776	4532	0	0	5036	5244	-1230	15931	0	15931	2456	18387	49.96
24	6009	167	430	6606	702	4516	0	0	5251	5260	-1248	15836	0	15836	2393	18229	49.98
MUs	143.74	13.77	10.14	167.64	15.53	113.10	0.00	3.97	127.96	127.29	-26.81	400.73	0.00	400.73	61.33	462.06	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 21/Mar/2018

Position as on 6.30 Hrs of 22/Mar/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown.	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
CENT.SECTOR	Tarapur 2	160	26/12/2017	10.51		Continued.	AOH	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
MSPGCL	Uran Unit 6	108	11/02/2018	23.43		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		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	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	De-commissioned on dt. 01.04.2017	
RGPPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	De-commissioned on dt.02.03.2017	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
IPP	Adani U-2	660	02/01/2018	15.26		Continued.	HPBP Bonnet leakage	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
IPP	RPL(AMT) U-4	270	10/02/2018	16.36		Continued.	Generator Exciter Bearing oil Leakage (Out due to coal shortage w.e.f 15.02.2018)	
IPP	Adani U-4	660	12/02/2018	07.24		Continued.	Governing valve abnormal sound(Out due to coal shortage w.e.f 20.02.2018, 18:00hrs)	
IPP	JSW (J) U1	300	20/02/2018	12.06		Continued.	Turbine Vibration high.	
IPP	RPL(AMT) U-3	270	27/02/2018	00.01		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 1	210	27/02/2018	18.00		Continued.	Poor Coal Receipt	
MSPGCL	Nasik Unit 3	210	01/03/2018	20.40		Continued.	Poor coal Receipt From 06.03.2018	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 21/Mar/2018

Position as on 6.30 Hrs of 22/Mar/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 7	500	10/03/2018	23.06		Continued.	Water Shortage From 12/03/2018	
MSPGCL	Parli Unit 7	250	19/03/2018	03.35		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 21/Mar/2018

Statement-VII

Position as on 6.30 Hrs of 22/Mar/2018

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	20/03/2018	18.11	21/03/2018	10.22	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	21/03/2018	18.02		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	20/03/2018	20.11	21/03/2018	06.47	HT	Over Voltage
Karad-Jaigad - I	IntraState	20/03/2018	20.28	21/03/2018	09.24	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	21/03/2018	00.06	21/03/2018	03.24	EO	Attending Hot Spot
Padghe - Nagothane - I	IntraState	21/03/2018	09.05	21/03/2018	20.35	PO	Line Maintenance work
Nagothane - Dabhol-II	IntraState	21/03/2018	15.22	21/03/2018	20.26	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	21/03/2018	18.09		Continued.	HT	Over Voltage
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	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12:23		Continued.	T	Distance Protection
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	'B'Phase CT Burst
Mumewadi -Halkarni II	IntraState	17/11/2017	10.00		Continued.	PO	Tower erection work (temporarily line would be Mumewadi-Tillari)
Halkarni - Tillari II	IntraState	17/11/2017	12.25		Continued.	PO	Tower erection work. (temporarily line would be Mumewadi-Tillari)
Kharghar-Borivali ckt I	IntraState	12/03/2018	10.00		Continued.	PO	Cable Termination work & Line Diverted To Siemenc.
karad - Dasgaon	IntraState	20/03/2018	10.16	21/03/2018	20.36	PO	Terminal Connector Replacement Work.
Arey - TPC Borivali	IntraState	21/03/2018	01.10	21/03/2018	04.54	PO	Safety Purpose For Metro Work.
Amalner - Bambhori	IntraState	21/03/2018	09.09	21/03/2018	15.46	PO	Replacement Of Nut Bolts & Jumper Tightening Work.
Karad - Sadawagpur I	IntraState	21/03/2018	10.00	21/03/2018	11.52	PO	Diagnostic Testing Work.
Paranda-Barshi	IntraState	21/03/2018	10.05	21/03/2018	11.35	PO	Quarterly Maintenance Work
Akola-Paras Ckt No-li	IntraState	21/03/2018	10.06	21/03/2018	18.46	PO	Routine Maintenance Work
Jejuri-Phursungi 2	IntraState	21/03/2018	10.18	21/03/2018	18.29	PO	Taken on TBC
Lamboti - Pandharpur li	IntraState	21/03/2018	14.22	21/03/2018	16.13	PO	Insulator String Replacement Work.
Ambazari-Amravati	IntraState	21/03/2018	14.30	21/03/2018	20.47	PO	Reconnection Of Jumper Of Main Bus By Hotline.
REL Borivali Aarey Line	IntraState	22/03/2018	01.16	22/03/2018	04.19	PO	Safety Purpose For Metro Work.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(repaired and ready for commissioning)
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
220/66 Kv 150 Mva Ngef Ict 1 @Gadchandur	IntraState	04/03/2018	02.55		Continued.	T	Differential protection
220/132 Kv 100 Mva Gec Ict 1 @Pusad	IntraState	21/03/2018	07.45	21/03/2018	17.40	PO	Painting Work.
220KV/132KV 200MVA ICT III @ Miraj	IntraState	21/03/2018	09.39	21/03/2018	18.35	PO	H V CT Replacement Work.

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