

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	139.491	3048.096	1) Gujrat	-0.065	20.465
2) Hydro	21.356	421.097	2) Madhya Pradesh	17.105	340.571
3) Gas	6.964	138.325	3) Chattisgarh	5.810	89.690
Total MSPGCL	167.811	3607.518	4) Maharashtra	119.268	2525.167
B) 1) APMIL	65.232	1416.988	5) Goa (Amona)	-0.396	-10.450
2) JSWEL	20.977	485.854	Total	141.722	2965.443
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.609	603.945
4) RPL(AMT)	10.204	274.760	b) Mumbai Drawl	28.525	655.151
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	22.967	363.795
6) Other IPP	10.635	266.460	Include PX	0.189	-101.732
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.609	603.945
C) 1) TPCL Thermal	12.315	295.935	Include PX	16.836	427.500
2) TPCL Hydro	0.366	73.039	Standby	0.000	0.000
3) TPCL Gas	4.361	88.469	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.942	210.609	1) MSEDCL	413.968	8854.604
D) STATE			2) Mumbai Discoms	54.509	1323.210
1) Thermal	267.796	5998.702	TOTAL STATE	468.477	10177.814
(A1+C1+C4+(B1-B6))					
2) Hydro	21.722	494.136			
(A2+C2)					
3) Gas	11.325	226.794			
(A3+B7+C3)					
4) Wind	18.257	345.192			
6) SOLAR	7.655	147.540			
TOTAL STATE	326.755	7212.364			

* 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	6142	6012	5528	5679
MSPGCL Hydro	1076	1227	929	665
MSPGCL Gas	282	282	287	294
MSPGCL Total Generation	7500	7521	6744	6638
Central Sector Receipt	6369	6175	5621	5585
WIND	182	219	1229	1032
CPP / IPP Thermal	4557	4597	4165	4264
CPP / IPP Gas	0	0	0	0
SOLAR	992	1007	0	0
Exchange with Mumbai	-1189	-1264	-1251	-1046
MSEDCL DEMAND MET	18411	18255	16508	16473
Load Shedding	0	0	0	0
MSEDCL DEMAND	18411	18255	16508	16473
TPCL GENERATION	695	696	770	696
AEML GENERATION	371	372	375	373
MUMBAI DEMAND	2255	2332	2396	2115
STATE DEMAND MET	20666	20587	18904	18588
STATE DEMAND	20666	20587	18904	18588
Frequency (Hz)	50.04	50.00	49.97	49.92

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 06.01 Hrs	49.74 Hz at 22.25 Hrs	49.99	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/Apr/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	78.45	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	143.82	0	0
Unit 9	11.47	79.68	600	450
Unit 10	11.13	210.73	495	444
Total	22.60	512.68		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.44	202.76	505	350
Unit 5	10.56	227.58	500	355
Total	21.00	430.34		
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	5.00	106.56	246	186
Total	5.00	106.56		
Chandrapur				
Unit 3	4.47	90.85	196	166
Unit 4	4.12	89.00	175	164
Unit 5	9.52	205.70	415	370
Unit 6	0.00	0.00	0	0
Unit 7	10.20	218.63	447	372
Unit 8	11.15	225.02	480	380
Unit 9	11.09	229.06	475	380
Total	50.56	1058.26		
Paras				
Unit 3	6.01	122.92	259	215
Unit 4	5.93	119.33	255	205
Total	11.94	242.25		
Khaparkheda				
Unit 1	2.54	77.70	145	80
Unit 2	2.90	66.09	130	100
Unit 3	3.36	72.44	150	130
Unit 4	3.31	87.15	150	133
Unit 5	8.52	223.47	360	350
Total	20.63	526.85		
Nasik				
Unit 3	0.00	26.10	0	0
Unit 4	3.89	64.74	167	159
Unit 5	3.88	80.32	165	159
Total	7.77	171.16		
Uran				
All Units	6.96	138.32	307	271
Total	6.96	138.32		
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)	0.06	2.14	19	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	2.14		
Koyna				
Stage 1-2	6.09	122.84	505	40
Stage 4	9.27	167.44	964	0
Stage 3	3.25	63.70	160	80
Total	18.61	353.98		
Hydro				
KDPH	0.84	18.04	35	35
VTRNA	1.05	20.34	61	0
TILLARI	0.00	7.50	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.06	3.82	33	0
RNGR+BHTSA	0.27	5.86	12	11
BHANDARDRA	0.00	0.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.52	8.30	22	21
GHATGHAR	0.00	2.64	0	0
Total	2.75	67.12		
Wind				
Total	18.26	345.19	0	0
Total	18.26	345.19		
CPP				
APML(Mus)	65.23	1416.99	0	0
JSWEL(Mus)	20.98	485.85	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	10.20	274.76	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	10.64	266.46	0	0
Total	107.05	2444.06		
SOLAR				
Total	7.66	147.54	0	0
Total	7.66	147.54		
Tata				
Trombay 5	7.53	189.41	315	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	56.01	117	115
Trombay 7B	1.58	32.46	66	65
Trombay 8	4.78	106.52	201	198
TATA Hydro	0.37	73.04	101	40
Total	17.04	457.44		
AEML				
DTPS U-1&2	8.94	210.61	375	371
Total	8.94	210.61		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	139.49	3048.10	MSPGCL Total	167.81	3607.52
			MSPGCL Thml+Gas	146.46	3186.42	Koyna 1,2 & 4 Total	15.36	290.29
			MSPGCL Hydro	21.36	421.10	State Total	326.76	7212.36

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 21/Apr/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	5798	1722	292	7812	817	4229	0	0	6089	5896	-1449	17305	0	17305	2516	19821	49.92
2	5907	1088	294	7289	909	4266	0	0	6099	5767	-1296	16935	0	16935	2363	19298	50.05
3	5798	852	302	6952	1069	4286	0	0	5977	5870	-1152	17025	0	17025	2220	19245	49.97
4	5679	665	294	6638	1032	4264	0	0	5834	5585	-1046	16473	0	16473	2115	18588	49.92
5	5840	919	306	7065	1038	4342	0	0	5758	5460	-990	16915	0	16915	2056	18971	50.02
6	5972	762	294	7028	1037	4434	0	0	6056	5774	-1002	17271	0	17271	2068	19339	49.97
7	6002	1115	307	7424	847	4499	0	35	6238	5963	-954	17814	0	17814	2020	19834	50.04
8	6108	541	296	6945	677	4472	0	242	6248	6013	-947	17402	0	17402	2015	19417	50.03
9	6123	276	301	6700	498	4361	0	537	6311	6101	-1008	17189	0	17189	2075	19264	50.02
10	5948	478	286	6712	366	4334	0	766	6357	6469	-1099	17548	0	17548	2166	19714	50.03
11	6031	807	283	7121	247	4366	0	946	6372	6386	-1179	17887	0	17887	2247	20134	50.06
12	6142	1076	282	7500	182	4557	0	992	6410	6369	-1189	18411	0	18411	2255	20666	50.04
13	6012	1227	282	7521	219	4597	0	1007	6414	6175	-1264	18255	0	18255	2332	20587	50.00
14	5974	835	271	7080	311	4648	0	962	6349	6316	-1258	18059	0	18059	2322	20381	50.00
15	5977	1124	280	7381	429	4769	0	895	6194	6026	-1280	18220	0	18220	2347	20567	49.95
16	5943	1120	283	7346	553	4929	0	654	6178	6021	-1292	18211	0	18211	2360	20571	50.00
17	5745	1128	282	7155	633	4993	0	434	5818	5744	-1244	17715	0	17715	2314	20029	50.01
18	5573	783	285	6641	766	4887	0	167	5717	5719	-1178	17002	0	17002	2243	19245	50.01
19	5542	254	286	6082	965	4349	0	18	5677	5608	-1124	15898	0	15898	2239	18137	49.98
20	5528	929	287	6744	1229	4165	0	0	5663	5621	-1251	16508	0	16508	2396	18904	49.97
21	5397	661	288	6346	1278	4169	0	0	5671	5602	-1246	16149	0	16149	2413	18562	49.96
22	5293	1024	290	6607	1075	4149	0	0	5587	5604	-1248	16187	0	16187	2417	18604	49.98
23	5455	1044	301	6800	932	4249	0	0	5820	5976	-1359	16598	0	16598	2470	19068	49.90
24	5704	926	292	6922	1148	4734	0	0	5947	5657	-1470	16991	0	16991	2540	19531	50.00
MUs	139.49	21.36	6.96	167.81	18.26	107.05	0.00	7.65	144.78	141.72	-28.53	413.97	0.00	413.97	54.51	468.48	49.99

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/Apr/2019

Position as on 6.30 Hrs of 22/Apr/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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	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	
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	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	Koradi Unit 7	210	19/01/2019	18.21		Continued.	Poor Coal Receipt	
MSPGCL	Chandrapur Unit 6	500	20/02/2019	22.07		Continued.	Rotor Earth Fault	
MSPGCL	Koradi Unit-8	660	17/04/2019	16.55	22/04/2019	18.26	Less coal receipt & suspected boiler water wall tube leakage.	
IPP	Adani U-5	660	18/04/2019	00.22	21/04/2019	11.11	Drain line leakage.	
MSPGCL	Nasik Unit 3	210	19/04/2019	12.22		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-1	270	20/04/2019	00.01		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 6	210	20/04/2019	21.06		Continued.	To Attend Leakages On Turbine And Boiler Side.	
IPP	RPL(AMT) U-5	270	21/04/2019	00.01		Continued.	Zero Schedule.	
CENT.SECTOR	Tarapur 1	160	21/04/2019	13.00		Continued.	Steam Isolation Problem.	

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

Statement-VII

Position as on 6.30 Hrs of 22/Apr/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	10/04/2019	17.54		Continued.	HT	Over Voltage
Wardha (Pg) Warora I	InterState	21/04/2019	09.01	21/04/2019	18.20	PO	Line Maintenance work
Khadka-Aurangabad (Waluj)	IntraState	20/04/2019	17.35	22/04/2019	09.39	HT	Over Voltage
Karad-Jaigad - I	IntraState	22/04/2019	09.54		Continued.	PO	Retrofitting Work Of Relay.
Kala Kudus Ckt-I	IntraState	22/04/2019	11.06	22/04/2019	21.18	PO	Insulator Replacement Work.
Kala Kudus Ckt-II	IntraState	22/04/2019	11.07	22/04/2019	21.21	PO	Insulator Replacement Work.
Khadka-Aurangabad (Waluj)	IntraState	22/04/2019	18.22		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.
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	26/03/2019	11.02		Continued.	PO	Overhauling work
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 Are Damaged.
400/220KV 315MVA ICT-I@bhusawal(khadka)	IntraState	22/04/2019	07.20	22/04/2019	17.48	PO	Tan Delta Measurement of CTs Testing Work. Pre Monsoon Maintenance work.
400/220 Kv 500 MVA ICT 3 @KOLHAPUR-III (TALANDGE)	IntraState	22/04/2019	10.23	22/04/2019	19.46	PO	Routine Maintenance Work
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.
Solapur(Bale) - Tuljapur	IntraState	19/04/2019	07.20		Continued.	PO	Erection Of Line Tower At Loc.No.36B & Resrtring Work After Erection.Line Converted In 220Kv Osmanabad-Tuljapur.(Charged At 15.31)
Osmanabad - Solapur (Bale)	IntraState	19/04/2019	07.22		Continued.	PO	Erection Of Line Tower At Loc.No.36B & Restrtring Work After Erection.Line Converted In 220Kv Osmanabad-Tuljapur.(Charged At 15.31)
Arey - TPC Borivali	IntraState	21/04/2019	00.12	21/04/2019	06.56	PO	Metro Work
Parli New Tps - Beed Ckt 2	IntraState	21/04/2019	05.00	21/04/2019	19.42	PO	Construction Work
Parli New Tps - Beed Ckt 1	IntraState	21/04/2019	05.28	22/04/2019	19.08	PO	Conductor Restrtring Work Near Railway Crossing.
Salsette - Sahara	IntraState	21/04/2019	09.00	21/04/2019	18.31	PO	Shifting of OPGW
Kandalgaon - Sona Alloys	IntraState	21/04/2019	09.33	21/04/2019	18.55	PO	Cold Line cleaning of Insulators
Trombay MSETCL Tie 2	IntraState	21/04/2019	15.05	21/04/2019	17.40	PO	CT Leakage
SICOM - SAIL	IntraState	22/04/2019	07.50	22/04/2019	09.30	PO	Bay Maintenance Work.
Parli New Tps - Beed Ckt 2	IntraState	22/04/2019	08.57	22/04/2019	19.09	PO	Work Of Resting Of Conductor On New Tower.
Talandge-Mudshingi Ckt-I	IntraState	22/04/2019	10.00	22/04/2019	13.02	PO	Quarterly Maintainance Work

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/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 22/Apr/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kharghar-Panvel TSS	IntraState	22/04/2019	11.03	22/04/2019	16.10	PO	Routine Maintenance Work
Nanded - Parli Ext. Ckt I	IntraState	22/04/2019	13.20	22/04/2019	15.28	PO	For Removing Hanging Saree On B PH At LOc 241.
Talandge(400)- Mudshingi 2 Line	IntraState	22/04/2019	14.35	22/04/2019	17.56	PO	Quarterly Maintainance Work
Parli New Tps - Beed Ckt 1	IntraState	22/04/2019	19.43	22/04/2019	21.17	HT	Sparking At B PH LMU Earth Switch.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Buccholz Trip.
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	07/03/2019	15.40		Continued.	HT	Hand trip From Pench end for system requirement.
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