

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	171.401	3065.797	1) Gujrat	1.871	19.503
2) Hydro	43.629	727.676	2) Madhya Pradesh	10.404	213.497
3) Gas	6.833	134.540	3) Chattisgarh	3.290	80.600
Total MSPGCL	221.863	3928.013	4) Maharashtra	94.723	2331.034
B) 1) APLM	76.901	1369.738	5) Goa (Amona)	-0.528	-9.504
2) JSWEL	27.101	470.759	Total	109.760	2635.130
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.258	554.284
4) RPL(AMT)	0.023	0.023	b) Mumbai Drawl	34.036	643.164
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	8.906	262.005
6) Other IPP	8.297	157.014	Include PX	-10.611	-123.548
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.258	554.284
C) 1) TPCL Thermal	15.440	261.382	Include PX	14.564	317.179
2) TPCL Hydro	4.706	89.915	Standby	0.000	0.000
3) TPCL Gas	4.353	86.262	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.859	194.940	1) MSEDCL	438.220	8546.977
D) STATE			2) Mumbai Discoms	69.394	1275.662
1) Thermal	310.022	5519.653	TOTAL STATE	507.614	9822.639
(A1+C1+C4+(B1-B6))					
2) Hydro	48.335	817.591			
(A2+C2)					
3) Gas	11.186	220.802			
(A3+B7+C3)					
4) Wind	21.482	487.257			
6) SOLAR	6.829	142.207			
TOTAL STATE	397.854	7187.510			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	7179	7295	7099	6811
MSPGCL Hydro	1906	2213	2092	1521
MSPGCL Gas	265	340	281	288
MSPGCL Total Generation	9350	9848	9472	8620
Central Sector Receipt	5651	5749	4181	3391
WIND	430	445	806	1622
CPP / IPP Thermal	4630	4724	4816	4630
CPP / IPP Gas	0	0	0	0
SOLAR	889	569	0	0
Exchange with Mumbai	-1758	-1746	-1209	-1154
MSEDCL DEMAND MET	19192	19589	18066	17109
Load Shedding	0	0	0	0
MSEDCL DEMAND	19192	19589	18066	17109
TPCL GENERATION	1168	1299	1308	700
AEML GENERATION	499	498	498	374
MUMBAI DEMAND	3425	3543	3015	2228
STATE DEMAND MET	22617	23132	21081	19337
STATE DEMAND	22617	23132	21081	19337
Frequency (Hz)	49.94	49.91	49.93	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 18.01 Hrs	49.7 Hz at 22.34 Hrs	49.92	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/May/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.86	36.67	200	140
Unit 7	0.00	0.00	0	0
Unit 8	10.46	210.46	489	366
Unit 9	10.48	184.80	544	287
Unit 10	10.15	218.81	535	350
Total	34.96	650.74		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.54	186.41	505	360
Unit 5	11.42	208.84	500	360
Total	22.96	395.24		
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	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	4.63	72.33	195	188
Unit 4	4.18	82.59	176	171
Unit 5	10.24	129.84	435	414
Unit 6	10.98	206.71	465	448
Unit 7	10.57	195.03	450	392
Unit 8	11.48	213.80	488	460
Unit 9	11.05	200.97	475	435
Total	63.12	1101.26		
Paras				
Unit 3	6.11	115.05	259	250
Unit 4	5.89	115.43	255	211
Total	12.00	230.47		
Khaparkheda				
Unit 1	3.32	55.24	150	125
Unit 2	3.28	67.61	145	130
Unit 3	3.40	72.54	156	130
Unit 4	3.34	72.97	150	129
Unit 5	11.36	218.94	490	440
Total	24.70	487.29		
Nasik				
Unit 3	4.52	29.53	205	161
Unit 4	4.69	86.81	210	159
Unit 5	4.45	84.44	203	159
Total	13.66	200.78		
Uran				
All Units	6.83	134.54	340	264
Total	6.83	134.54		
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	1.20	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	1.20		
Koyna				
Stage 1-2	9.12	139.23	500	110
Stage 4	23.67	401.70	1008	923
Stage 3	6.70	118.18	320	208
Total	39.50	659.11		
Hydro				
KDPH	0.58	13.44	24	24
VTRNA	0.86	16.36	60	0
TILLARI	0.00	6.60	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.15	4.77	40	0
RNGR+BHTSA	0.24	4.96	10	9
BHANDARDRA	0.00	2.36	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.23	6.52	10	9
GHATGHAR	2.08	13.56	250	0
Total	4.13	68.57		
Wind				
Total	21.48	487.26	0	0
Total	21.48	487.26		
CPP				
APML(Mus)	76.90	1369.74	0	0
JSWEL(Mus)	27.10	470.76	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.02	0.02	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	8.30	157.01	0	0
Total	112.32	1997.53		
SOLAR				
Total	6.83	142.21	0	0
Total	6.83	142.21		
Tata				
Trombay 5	10.28	173.49	483	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	54.97	117	115
Trombay 7B	1.57	31.29	66	65
Trombay 8	5.16	87.89	227	199
TATA Hydro	4.71	89.92	421	17
Total	24.50	437.56		
AEML				
DTPS U-1&2	10.86	194.94	499	373
Total	10.86	194.94		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	171.40	3065.80	MSPGCL Total	221.86	3928.01
			MSPGCL Thml+Gas	178.23	3200.34	Koyna 1,2 & 4 Total	32.80	540.93
			MSPGCL Hydro	43.63	727.68	State Total	397.85	7187.51

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 20/May/2019

Annexure-2

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	7339	1778	299	9416	1373	4611	0	0	3679	3545	-1360	17585	0	17585	2702	20287	49.99
2	7402	1468	288	9158	1506	4659	0	0	3438	3256	-1118	17461	0	17461	2508	19969	49.95
3	7243	1371	287	8901	1600	4638	0	0	3349	3256	-1120	17275	0	17275	2344	19619	49.92
4	6811	1521	288	8620	1622	4630	0	0	3368	3391	-1154	17109	0	17109	2228	19337	49.93
5	6862	1495	289	8646	1499	4544	0	0	3559	3582	-1100	17171	0	17171	2172	19343	49.99
6	7088	1381	289	8758	1410	4560	0	0	4142	4155	-1126	17757	0	17757	2197	19954	49.93
7	7126	1469	289	8884	1227	4635	0	47	4480	4488	-1106	18175	0	18175	2176	20351	49.95
8	6929	1470	287	8686	1020	4582	0	229	4557	4655	-1247	17925	0	17925	2318	20243	49.95
9	6951	1758	283	8992	881	4457	0	473	4616	4803	-1510	18096	0	18096	2629	20725	49.94
10	7182	1762	280	9224	731	4425	0	680	5002	5170	-1726	18504	0	18504	2995	21499	49.86
11	7230	1744	277	9251	584	4425	0	840	5249	5045	-1748	18397	0	18397	3288	21685	49.91
12	7179	1906	265	9350	430	4630	0	889	5444	5651	-1758	19192	0	19192	3425	22617	49.94
13	7113	2044	275	9432	322	4701	0	917	5476	5684	-1778	19278	0	19278	3455	22733	49.93
14	7354	2112	264	9730	326	4709	0	830	5310	5120	-1714	19001	0	19001	3409	22410	49.95
15	7291	2164	280	9735	378	4701	0	732	5254	5436	-1786	19196	0	19196	3499	22695	49.81
16	7295	2213	340	9848	445	4724	0	569	5551	5749	-1746	19589	0	19589	3543	23132	49.91
17	7372	2163	278	9813	490	4772	0	412	5385	5573	-1713	19347	0	19347	3464	22811	49.90
18	7295	2136	279	9710	568	4855	0	181	4924	5061	-1594	18781	0	18781	3314	22095	50.00
19	7338	2042	282	9662	631	4830	0	30	4065	4045	-1405	17793	0	17793	3076	20869	50.02
20	7099	2092	281	9472	806	4816	0	0	4221	4181	-1209	18066	0	18066	3015	21081	49.93
21	7044	1882	283	9209	854	4870	0	0	3976	4037	-1197	17773	0	17773	2924	20697	49.93
22	7028	1909	284	9221	968	4859	0	0	3838	4230	-1206	18072	0	18072	2886	20958	49.84
23	6943	1896	283	9122	916	4845	0	0	4213	4799	-1273	18409	0	18409	2917	21326	49.81
24	6887	1853	283	9023	895	4844	0	0	4435	4848	-1342	18268	0	18268	2910	21178	49.86
MUs	171.40	43.63	6.83	221.86	21.48	112.32	0.00	6.83	107.53	109.76	-34.04	438.22	0.00	438.22	69.39	507.61	49.92

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/May/2019

Position as on 6.30 Hrs of 21/May/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.	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01	20/05/2019	23.17	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	
IPP	RPL(AMT) U-1	270	20/04/2019	00.01		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-5	270	21/04/2019	00.01		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-2	270	24/04/2019	00.00		Continued.	Zero Schedule	
IPP	RPL(AMT) U-3	270	30/04/2019	17.00	21/05/2019	07.12	Zero Schedule	
MSPGCL	Parli Unit 8	250	01/05/2019	00.00		Continued.	Zero Schedule	
MSPGCL	Uran Unit 8	108	19/05/2019	00.00	20/05/2019	14.53	Withdrawn Due To B0 & U-7	
MSPGCL	Uran Unit 8	108	20/05/2019	16.01		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 20/May/2019

Statement-VII

Position as on 6.30 Hrs of 21/May/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	17/05/2019	13.39		Continued.	HT	Over Voltage
Dabhol Newkoyana li	InterState	21/05/2019	02.43	21/05/2019	03.23	T	Distance Protection(Tripped at Dabhol end only)
Khadka-Aurangabad (Waluj)	IntraState	17/05/2019	18.04	20/05/2019	09.36	HT	Over Voltage
Parly(MS)- Nanded ckt I	IntraState	20/05/2019	11.15	20/05/2019	13.46	EO	Removal of Piece of Cloth
Khadka-Aurangabad (Waluj)	IntraState	20/05/2019	18.26		Continued.	HT	Over Voltage
Padghe - Nagothane - I	IntraState	21/05/2019	02.41	21/05/2019	03.12	T	Distance Protection(Tripped at Padghe end only)
Padghe - Nagothane - II	IntraState	21/05/2019	03.48		Continued.	EO	R Phase Conductor found Broken
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 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 500MVA ICT-II@Taptitanda	IntraState	20/05/2019	03.29	20/05/2019	05.27	T	R-PH OLTC Bachholz Trip.
400/220kv 315 Mva ICT I @Karad	IntraState	20/05/2019	09.51		Continued.	PO	OLTC Overhauling 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.
Borivali - Tarapur	InterState	20/05/2019	01.32	20/05/2019	08.50	T	Distance Protection
Badnera - Deoli (PG)	InterState	20/05/2019	12.20	20/05/2019	13.50	PO	NTAMC control signal testing
Wardha Deoli (Pg)	InterState	20/05/2019	14.49	20/05/2019	19.03	HT	Line opened by WRLDC due to O/D
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.
Taloja II - OCIL-I	IntraState	20/05/2019	07.28	20/05/2019	19.15	PO	Pre Monsoon maint.work
Virur - Virur Rly Tss 2	IntraState	20/05/2019	11.06	20/05/2019	12.30	EO	To attend Hot Spot
Kharepatan -Pawas Line	IntraState	20/05/2019	11.22	20/05/2019	11.48	T	Distance Protection
Belewadi-Nagar Ckt I	IntraState	20/05/2019	16.18	20/05/2019	18.32	PO	Cloth Removing work
Jejuri (400 Kv)-Jejuri ckt-I	IntraState	20/05/2019	18.04	20/05/2019	19.44	EO	To attend Hot Spot
Kharepatan -Pawas Line	IntraState	21/05/2019	04.26		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Buccholz Trip.
220/132Kv 200MVA ICT-I @ Chikhali	IntraState	20/05/2019	08.08		Continued.	PO	Pre Mponsoon Maint.and Testing work
220/132 Kv 150 MVA ICT II @ Eklahre-Nashik (Gcr)	IntraState	20/05/2019	09.55	20/05/2019	13.05	PO	Tan Delta Measurment of CTs
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