

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/May/2019 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	171.492	2894.396	1) Gujrat	1.104	17.632
2) Hydro	38.887	684.069	2) Madhya Pradesh	10.658	203.093
3) Gas	6.759	127.707	3) Chattisgarh	2.830	77.310
Total MSPGCL	217.138	3706.172	4) Maharashtra	89.192	2236.311
B) 1) APLM	67.275	1292.837	5) Goa (Amona)	-0.396	-8.976
2) JSWEL	24.050	443.658	Total	103.388	2525.370
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.537	525.027
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	27.200	609.128
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	9.386	253.099
6) Other IPP	8.042	148.717	Include PX	-10.043	-112.937
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.537	525.027
C) 1) TPCL Thermal	14.160	245.942	Include PX	9.885	302.616
2) TPCL Hydro	1.675	85.209	Standby	0.000	0.000
3) TPCL Gas	4.349	81.909	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.689	184.081	1) MSEDCL	423.262	8108.775
D) STATE			2) Mumbai Discoms	58.073	1206.268
1) Thermal	295.708	5209.631	TOTAL STATE	481.335	9315.043
(A1+C1+C4+(B1-B6))					
2) Hydro	40.562	769.278			
(A2+C2)					
3) Gas	11.108	209.616			
(A3+B7+C3)					
4) Wind	23.339	465.775			
6) SOLAR	7.230	135.374			
TOTAL STATE	377.947	6789.674			

* 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 22 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	7098	7320	7396	7236
MSPGCL Hydro	1894	1569	2025	1399
MSPGCL Gas	263	266	285	300
MSPGCL Total Generation	9255	9155	9706	8935
Central Sector Receipt	4652	4673	3067	4131
WIND	489	574	1078	1502
CPP / IPP Thermal	3703	4448	4653	3859
CPP / IPP Gas	0	0	0	0
SOLAR	920	570	0	0
Exchange with Mumbai	-1213	-1129	-1290	-1082
MSEDCL DEMAND MET	17806	18291	17214	17345
Load Shedding	0	0	0	0
MSEDCL DEMAND	17806	18291	17214	17345
TPCL GENERATION	780	971	882	711
AEML GENERATION	460	498	374	376
MUMBAI DEMAND	2453	2598	2546	2169
STATE DEMAND MET	20259	20889	19760	19514
STATE DEMAND	20259	20889	19760	19514
Frequency (Hz)	49.95	50.00	49.99	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 12.02 Hrs	49.75 Hz at 10.35 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 19/May/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.81	32.80	180	130
Unit 7	0.00	0.00	0	0
Unit 8	10.67	200.00	470	410
Unit 9	10.50	174.32	514	386
Unit 10	10.89	208.66	520	360
Total	35.87	615.78		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.26	174.87	505	360
Unit 5	11.07	197.42	505	360
Total	22.33	372.28		
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	4.60	67.70	195	163
Unit 4	4.21	78.42	179	163
Unit 5	10.02	119.60	425	365
Unit 6	10.72	195.72	465	370
Unit 7	10.60	184.46	456	380
Unit 8	11.17	202.32	483	410
Unit 9	10.97	189.92	474	405
Total	62.29	1038.14		
Paras				
Unit 3	6.12	108.94	260	252
Unit 4	6.06	109.54	255	250
Total	12.18	218.48		
Khaparkheda				
Unit 1	3.32	51.92	145	125
Unit 2	3.30	64.33	140	110
Unit 3	3.39	69.13	160	133
Unit 4	3.37	69.63	142	127
Unit 5	11.67	207.58	490	480
Total	25.05	462.59		
Nasik				
Unit 3	4.55	25.01	202	159
Unit 4	4.73	82.13	210	164
Unit 5	4.50	79.99	201	159
Total	13.78	187.13		
Uran				
All Units	6.76	127.71	303	262
Total	6.76	127.71		
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	6.52	130.10	505	40
Stage 4	22.68	378.02	1000	812
Stage 3	6.68	111.49	320	204
Total	35.88	619.61		
Hydro				
KDPH	0.58	12.86	24	24
VTRNA	0.77	15.49	61	0
TILLARI	0.00	6.60	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	4.62	40	0
RNGR+BHTSA	0.24	4.73	10	10
BHANDARDRA	0.00	2.36	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.25	6.29	11	10
GHATGHAR	0.87	11.51	125	0
Total	3.01	64.46		
Wind				
Total	23.34	465.78	0	0
Total	23.34	465.78		
CPP				
APML(Mus)	67.28	1292.84	0	0
JSWEL(Mus)	24.05	443.66	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	8.04	148.72	0	0
Total	99.37	1885.21		
SOLAR				
Total	7.23	135.37	0	0
Total	7.23	135.37		
Tata				
Trombay 5	9.28	163.21	482	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	52.19	116	115
Trombay 7B	1.57	29.72	66	65
Trombay 8	4.88	82.73	219	198
TATA Hydro	1.68	85.21	212	2
Total	20.18	413.06		
AEML				
DTPS U-1&2	10.69	184.08	500	374
Total	10.69	184.08		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	171.49	2894.40	MSPGCL Total	217.14	3706.17
			MSPGCL Thml+Gas	178.25	3022.10	Koyna 1,2 & 4 Total	29.20	508.13
			MSPGCL Hydro	38.89	684.07	State Total	377.95	6789.67

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/May/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	7323	1825	303	9451	1346	4095	0	0	4478	4608	-1281	18219	0	18219	2708	20927	50.01
2	7279	1610	287	9176	1618	4134	0	0	4175	4176	-1115	17989	0	17989	2512	20501	49.99
3	7252	1571	287	9110	1487	4028	0	0	3986	3997	-989	17633	0	17633	2364	19997	49.92
4	7249	1345	288	8882	1473	4055	0	0	4080	4321	-1020	17711	0	17711	2242	19953	49.98
5	7236	1399	300	8935	1502	3859	0	0	4314	4131	-1082	17345	0	17345	2169	19514	49.94
6	7278	1491	292	9061	1440	3874	0	0	4899	4707	-1046	18036	0	18036	2190	20226	49.96
7	7162	1469	290	8921	1209	3929	0	60	5123	4910	-899	18130	0	18130	2096	20226	49.95
8	6870	1332	289	8491	1118	3822	0	259	4988	4958	-882	17766	0	17766	2094	19860	50.03
9	6637	1292	282	8211	1097	3661	0	536	4952	4942	-976	17471	0	17471	2173	19644	50.07
10	6524	1452	280	8256	867	3512	0	747	5029	5132	-1125	17389	0	17389	2256	19645	50.03
11	6809	1817	266	8892	589	3465	0	945	5092	5078	-1260	17709	0	17709	2353	20062	49.94
12	7098	1894	263	9255	489	3703	0	920	4556	4652	-1213	17806	0	17806	2453	20259	49.95
13	7155	2032	274	9461	455	3925	0	934	4490	4476	-1035	18216	0	18216	2506	20722	50.02
14	7191	1642	262	9095	469	3970	0	889	4513	4320	-1056	17687	0	17687	2515	20202	49.97
15	7294	1794	274	9362	445	4174	0	774	4655	4459	-1095	18119	0	18119	2575	20694	49.97
16	7320	1569	266	9155	574	4448	0	570	4672	4673	-1129	18291	0	18291	2598	20889	50.00
17	7317	1380	278	8975	697	4471	0	421	4565	4518	-1066	18016	0	18016	2534	20550	50.01
18	7179	1548	280	9007	660	4554	0	152	3998	4092	-1013	17452	0	17452	2441	19893	50.01
19	6877	1469	281	8627	661	4453	0	23	3750	3733	-1148	16349	0	16349	2371	18720	49.99
20	7103	1771	273	9147	771	4622	0	0	3639	3607	-1199	16948	0	16948	2479	19427	49.98
21	7378	1477	285	9140	954	4652	0	0	3404	3230	-1221	16755	0	16755	2505	19260	49.91
22	7396	2025	285	9706	1078	4653	0	0	3018	3067	-1290	17214	0	17214	2546	19760	49.99
23	7291	1822	286	9399	1079	4648	0	0	3482	3804	-1457	17473	0	17473	2635	20108	49.96
24	7274	1861	288	9423	1261	4660	0	0	3848	3797	-1603	17538	0	17538	2758	20296	50.01
MUs	171.49	38.89	6.76	217.14	23.34	99.37	0.00	7.23	103.71	103.39	-27.20	423.26	0.00	423.26	58.07	481.34	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 19/May/2019

Position as on 6.30 Hrs of 20/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 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	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		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	
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		Continued.	Zero Schedule	
MSPGCL	Parli Unit 8	250	01/05/2019	00.00		Continued.	Zero Schedule	
IPP	Adani U-1	660	17/05/2019	00.35	19/05/2019	11.58	Steam Leakage From MSSV Bonnet.	
MSPGCL	Uran Unit 8	108	19/05/2019	00.00		Continued.	Withdrawn Due To B0 & U-7	
IPP	JSW (J) U2	300	19/05/2019	10.02	19/05/2019	14.11	Instrument Card Failure.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 19/May/2019

Statement-VII

Position as on 6.30 Hrs of 20/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
Wardha (Pg) Warora I	InterState	19/05/2019	10.05	19/05/2019	17.05	PO	Routine Maintenance Work
Khadka-Aurangabad (Waluj)	IntraState	17/05/2019	18.04		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 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.
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.
Boisar(MS) - Boisar (PG) - I	InterState	19/05/2019	06.20	19/05/2019	17.45	PO	Conductor stringing work.
Boiser(M)-Boiser(PG) -III	InterState	19/05/2019	06.36	19/05/2019	16.59	PO	Conductor Stringing Work.
Borivali - Tarapur	InterState	20/05/2019	01.32		Continued.	PO	Distance Protection
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.
Boisar(M) - Ghodbunder	IntraState	19/05/2019	06.11	19/05/2019	17.53	HT	Load Management.
Boisar Versova Line	IntraState	19/05/2019	06.12	19/05/2019	17.52	HT	Load Management.
Boisar-Viraj	IntraState	19/05/2019	06.17	19/05/2019	17.50	HT	For Load Management.
Karad - Vita Ckt- II	IntraState	19/05/2019	07.50	19/05/2019	13.21	PO	Restranging Of B PH Conductor.
Dasturi-Kandalgaon Line	IntraState	19/05/2019	08.18	19/05/2019	16.00	PO	Cold Line Chemical Washing.
Trombay - Kalwa	IntraState	19/05/2019	08.51	19/05/2019	13.31	PO	Replacement Of CT PH.
Trombay-Salsette II	IntraState	19/05/2019	09.16	19/05/2019	16.25	PO	Insulator Cleaning.
Trombay Carnac 6	IntraState	19/05/2019	09.44	19/05/2019	16.36	PO	Insulator Cleaning.
Kalwa1 - Taloja	IntraState	19/05/2019	11.54	19/05/2019	14.05	T	tripped At Kalwa End Only On PDR, Y PH Dist.17.9KM, AR OOperated. Trip CKT Unhealhty.
Oni Kharepatan Line	IntraState	19/05/2019	11.54	19/05/2019	13.10	T	1.507KA, B-PH, Distence Protection.
Kandalgaon - Koyna (Pophali)	IntraState	19/05/2019	16.35	19/05/2019	19.10	PO	Cold Line Chemical Washing.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Buccholz Trip.
200 MVA 220/132 KV ICT - 2 @VIRODA	IntraState	19/05/2019	09.15	19/05/2019	13.11	PO	Online DGA Test & CTR Trials.
200 MVA 220/132 KV ICT - 1 @VIRODA	IntraState	19/05/2019	15.37	19/05/2019	17.45	PO	Online DGA Test & CTR Trials.
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