

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/May/2019 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.745	553.925	1) Gujrat	-1.263	-4.508
2) Hydro	39.659	139.067	2) Madhya Pradesh	12.813	51.295
3) Gas	6.902	27.627	3) Chattisgarh	5.790	19.670
Total MSPGCL	182.306	720.619	4) Maharashtra	127.202	490.851
B) 1) APMIL	67.080	260.220	5) Goa (Amona)	-0.484	-1.870
2) JSWEL	19.456	77.167	Total	144.058	555.438
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.005	118.120
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	33.414	136.558
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	16.439	58.685
6) Other IPP	6.672	28.627	Include PX	0.238	-12.344
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.005	118.120
C) 1) TPCL Thermal	12.308	49.095	Include PX	19.403	82.967
2) TPCL Hydro	3.967	14.018	Standby	0.000	0.000
3) TPCL Gas	4.227	17.189	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.216	36.058	1) MSEDCL	421.941	1659.167
D) STATE			2) Mumbai Discoms	63.132	252.915
1) Thermal	250.477	1005.092	TOTAL STATE	485.073	1912.082
(A1+C1+C4+(B1-B6))					
2) Hydro	43.626	153.085			
(A2+C2)					
3) Gas	11.129	44.816			
(A3+B7+C3)					
4) Wind	28.680	124.942			
6) SOLAR	7.103	28.712			
TOTAL STATE	341.015	1356.647			

* 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 5 Hrs
MSPGCL Thermal	5792	5753	5553	5357
MSPGCL Hydro	1683	2092	1385	1219
MSPGCL Gas	282	280	295	303
MSPGCL Total Generation	7757	8125	7233	6879
Central Sector Receipt	6561	6914	6086	5713
WIND	697	733	1516	1572
CPP / IPP Thermal	4041	4132	4113	3554
CPP / IPP Gas	0	0	0	0
SOLAR	904	605	0	0
Exchange with Mumbai	-1711	-1644	-1375	-1063
MSEDCL DEMAND MET	18249	18865	17573	16655
Load Shedding	0	0	0	0
MSEDCL DEMAND	18249	18865	17573	16655
TPCL GENERATION	971	944	1047	644
AEML GENERATION	373	472	374	372
MUMBAI DEMAND	3055	3060	2796	2079
STATE DEMAND MET	21304	21925	20369	18734
STATE DEMAND	21304	21925	20369	18734
Frequency (Hz)	50.02	50.02	49.91	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 18.01 Hrs	49.75 Hz at 22.12 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 04/May/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	9.99	0	0
Unit 7	0.00	0.00	0	0
Unit 8	9.25	39.17	460	261
Unit 9	9.07	40.54	420	302
Unit 10	8.26	38.82	460	280
Total	26.57	128.53		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.24	35.45	500	350
Unit 5	9.20	35.32	500	350
Total	18.44	70.78		
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	2.79	15.26	199	0
Unit 4	4.16	16.22	182	164
Unit 5	1.04	23.11	367	0
Unit 6	10.12	37.93	455	375
Unit 7	9.68	37.10	433	375
Unit 8	10.98	39.66	480	385
Unit 9	10.56	29.49	475	380
Total	49.34	198.77		
Paras				
Unit 3	5.79	18.20	255	200
Unit 4	5.76	21.79	255	200
Total	11.54	39.99		
Khaparkheda				
Unit 1	0.64	0.64	120	0
Unit 2	3.47	13.79	160	110
Unit 3	3.82	14.99	160	155
Unit 4	3.74	15.04	160	140
Unit 5	10.21	39.88	470	370
Total	21.88	84.35		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.99	15.72	210	159
Unit 5	3.98	15.79	194	158
Total	7.97	31.51		
Uran				
All Units	6.90	27.63	303	270
Total	6.90	27.63		
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)	0.08	0.14	22	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.08	0.14		
Koyna				
Stage 1-2	7.88	26.22	505	90
Stage 4	21.74	77.02	1000	561
Stage 3	6.83	23.04	320	200
Total	36.44	126.29		
Hydro				
KDPH	0.74	3.03	31	31
VTRNA	0.78	3.20	61	0
TILLARI	0.51	1.66	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	0.64	40	0
RNGR+BHTSA	0.26	1.03	11	10
BHANDARDRA	0.25	1.06	34	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.22	0.88	10	9
GHATGHAR	0.26	1.27	102	0
Total	3.22	12.78		
Wind				
Total	28.68	124.94	0	0
Total	28.68	124.94		
CPP				
APML(Mus)	67.08	260.22	0	0
JSWEL(Mus)	19.46	77.17	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)	6.67	28.63	0	0
Total	93.21	366.01		
SOLAR				
Total	7.10	28.71	0	0
Total	7.10	28.71		
Tata				
Trombay 5	7.54	29.96	332	311
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.68	10.95	117	79
Trombay 7B	1.55	6.24	67	55
Trombay 8	4.77	19.14	201	197
TATA Hydro	3.97	14.02	351	5
Total	20.50	80.30		
AEML				
DTPS U-1&2	9.22	36.06	472	371
Total	9.22	36.06		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.74	553.92	MSPGCL Total	182.31	720.62
			MSPGCL Thml+Gas	142.65	581.55	Koyna 1,2 & 4 Total	29.61	103.25
			MSPGCL Hydro	39.66	139.07	State Total	341.02	1356.65

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 04/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	5753	1596	290	7639	1492	3558	0	0	5838	5773	-1447	17015	0	17015	2598	19613	50.01
2	5632	1716	301	7649	1740	3487	0	0	5373	5421	-1338	16959	0	16959	2406	19365	50.03
3	5572	1811	292	7675	1675	3362	0	0	5319	5147	-1187	16672	0	16672	2252	18924	50.00
4	5296	1706	293	7295	1679	3453	0	0	5476	5471	-1110	16788	0	16788	2147	18935	50.04
5	5357	1219	303	6879	1572	3554	0	0	5720	5713	-1063	16655	0	16655	2079	18734	50.01
6	5738	1480	292	7510	1621	3620	0	0	5770	5722	-1082	17391	0	17391	2099	19490	49.99
7	5889	1501	294	7684	1528	3794	0	38	5991	6151	-1037	18158	0	18158	2072	20230	50.01
8	5670	1520	301	7491	1041	3718	0	241	5902	5679	-1066	17104	0	17104	2159	19263	49.99
9	5598	1526	288	7412	1185	3684	0	492	5955	5546	-1217	17102	0	17102	2379	19481	50.03
10	5601	1464	287	7352	805	3664	0	755	6124	6345	-1473	17448	0	17448	2697	20145	50.01
11	5757	1816	284	7857	796	3815	0	859	6318	6174	-1626	17875	0	17875	2944	20819	50.02
12	5792	1683	282	7757	697	4041	0	904	6511	6561	-1711	18249	0	18249	3055	21304	50.02
13	5710	1931	270	7911	755	4100	0	943	6349	6533	-1693	18549	0	18549	3044	21593	49.98
14	5565	2025	281	7871	567	4122	0	885	6322	6464	-1608	18301	0	18301	2960	21261	50.02
15	5740	2081	282	8103	721	4117	0	780	6479	6445	-1609	18557	0	18557	3016	21573	49.97
16	5753	2092	280	8125	733	4132	0	605	6654	6914	-1644	18865	0	18865	3060	21925	50.02
17	5826	1979	282	8087	942	4136	0	418	6542	6316	-1629	18270	0	18270	3013	21283	50.01
18	5679	1544	273	7496	1184	4112	0	165	6447	6382	-1492	17847	0	17847	2915	20762	49.94
19	5543	1431	284	7258	1387	4126	0	18	5964	5709	-1438	17060	0	17060	2785	19845	50.00
20	5553	1385	295	7233	1516	4113	0	0	6239	6086	-1375	17573	0	17573	2796	20369	49.91
21	5559	1027	287	6873	1459	4100	0	0	6049	6024	-1347	17109	0	17109	2747	19856	49.97
22	5579	1786	286	7651	1294	3998	0	0	5512	5745	-1291	17397	0	17397	2680	20077	49.93
23	5720	1870	287	7877	1219	4218	0	0	5617	5654	-1447	17521	0	17521	2602	20123	49.86
24	5863	1470	288	7621	1072	4184	0	0	6191	6083	-1484	17476	0	17476	2627	20103	49.96
MUs	135.75	39.66	6.90	182.31	28.68	93.21	0.00	7.10	144.66	144.06	-33.41	421.94	0.00	421.94	63.13	485.07	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 04/May/2019

Position as on 6.30 Hrs of 05/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.	
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	Nasik Unit 3	210	19/04/2019	12.22		Continued.	Boiler Tube Leakage(Converted for Zero Schedule from 00.00Hrs DT.22-04-2019)	
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.	
MSPGCL	Khaparkheda Unit 1	210	23/04/2019	20.32	04/05/2019	17.05	Poor Coal Receipt	
IPP	RPL(AMT) U-2	270	24/04/2019	00.00		Continued.	Zero Schedule	
IPP	JSW (J) U4	300	30/04/2019	11.03	05/05/2019	04.00	C.W.Duct Water Line Leakage	
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	Dhariwal	300	01/05/2019	00.00		Continued.	No Schedule	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 04/May/2019

Position as on 6.30 Hrs of 05/May/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 6	210	03/05/2019	19.08		Continued.	Zero schedule.	
MSPGCL	Chandrapur Unit 5	500	04/05/2019	02.54		Continued.	Air pre heater.	
MSPGCL	Chandrapur Unit 3	210	04/05/2019	15.15		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 04/May/2019

Statement-VII

Position as on 6.30 Hrs of 05/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 II	InterState	03/05/2019	17.23		Continued.	EO	To rectify trip CKT faulty (RFC 20.40).
Chandrapur-II - Warora - I	InterState	04/05/2019	06.35	04/05/2019	08.43	PO	Online Hot Spot On Y PH Isolator Clamp.
Chandrapur-II - Warora - I	InterState	05/05/2019	09.13		Continued.	PO	Bunching of conductor at LOC 86 disconnected of jumper at LOC 86 and 107 and deenergising the line between LOC 86 to 107.
Khadka-Aurangabad (Waluj)	IntraState	03/05/2019	17.58		Continued.	HT	Over Voltage
Parly(MS)- Nanded ckt I	IntraState	04/05/2019	10.19	04/05/2019	19.24	PO	CB DCRM & Timing Test.
Kalwa - Talegaon(PG)	IntraState	05/05/2019	09.16	05/05/2019	14.21	PO	Bay.Maint.At Kalwa End.
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.
400/220/33 315MVA ICT-III @ KHADKA	IntraState	04/05/2019	05.57	04/05/2019	18.22	PO	Testing,Premonsoon & Bay Maint Work.
400/220/33 Kv 315 MVA ICT II @Babhleshwar	IntraState	04/05/2019	08.05	04/05/2019	19.34	PO	Oil Pump Maint,Diagnostic Testing.
400/220/33 Kv 315 MVA ICT II @Chandrapur GCR	IntraState	04/05/2019	09.20	04/05/2019	18.44	PO	DFRA Testing 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.
Kandalgaon - Pirangut	IntraState	04/05/2019	08.20	04/05/2019	14.15	PO	CT Replacement Work.
Mudshingi-Belewadi	IntraState	04/05/2019	09.08	04/05/2019	15.58	PO	Replacement Of Faulty Insulator
Nerle - Dasgaon	IntraState	04/05/2019	10.00	04/05/2019	17.12	PO	Line Bay Maint.
Uran - Kharghar 2	IntraState	04/05/2019	10.54	04/05/2019	14.27	PO	Dismantalling Of Earth Wire.
Chakan I - Chakan II (tap to Volkswagen)	IntraState	05/05/2019	05.15	05/05/2019	20.03	PO	Work Of Conductors stringing.
Salsette - Sahara	IntraState	05/05/2019	07.00		Continued.	PO	Shifted Of PH A Conductor To Upper PH Conductor.
Trombay MSETCL Tie 1	IntraState	05/05/2019	08.55	05/05/2019	17.27	PO	Conductor Clearance Improvement Between A & B Phase.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Buccholz Trip.
200MVA ICT VI @ Nasik GCR	IntraState	04/05/2019	09.17	04/05/2019	19.30	PO	LV Side Bus Isolator Replacement Under LES Scheme.
220/132 Kv 100 Mva Ict 2 @Hinganghat	IntraState	05/05/2019	04.55		Continued.	T	Distance Protection
220/132 Kv 200 Mva Vijai Ict 2 @Bale (Solapur 2)	IntraState	05/05/2019	06.20	05/05/2019	09.10	PO	Differential protection
220/132 Kv 100 Mva Cgl Ict 1	IntraState	05/05/2019	08.35	05/05/2019	12.40	PO	Pre-monsoon maintenance.

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 04/May/2019

Statement-VII

Position as on 6.30 Hrs of 05/May/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Amalner							
220/132 Kv 100 Mva Cgl lct 2 @Amalner	IntraState	05/05/2019	12.48	05/05/2019	13.50	PO	Pre-monsoon wrk.
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.