

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Apr/2019 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	143.986	737.265	1) Gujrat	1.056	3.107
2) Hydro	14.543	72.003	2) Madhya Pradesh	15.596	82.200
3) Gas	6.902	34.446	3) Chattisgarh	4.030	21.060
Total MSPGCL	165.431	843.714	4) Maharashtra	110.919	569.260
B) 1) APLM	69.789	374.105	5) Goa (Amona)	-0.220	-2.860
2) JSWEL	23.974	118.847	Total	131.381	672.767
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.852	145.764
4) RPL(AMT)	14.257	60.645	b) Mumbai Drawl	34.986	158.637
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	5.971	55.251
6) Other IPP	13.472	69.987	Include PX	-15.459	-52.458
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.852	145.764
C) 1) TPCL Thermal	12.657	71.076	Include PX	20.385	101.669
2) TPCL Hydro	4.207	20.212	Standby	0.000	0.000
3) TPCL Gas	4.351	21.103	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.079	49.489	1) MSEDCL	407.796	2102.385
D) STATE			2) Mumbai Discoms	65.280	320.517
1) Thermal	287.214	1481.414	TOTAL STATE	473.076	2422.902
(A1+C1+C4+(B1-B6))					
2) Hydro	18.750	92.215			
(A2+C2)					
3) Gas	11.253	55.549			
(A3+B7+C3)					
4) Wind	17.732	85.648			
6) SOLAR	6.746	35.309			
TOTAL STATE	341.695	1750.135			

* 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	6125	6027	5915	5889
MSPGCL Hydro	388	936	1515	194
MSPGCL Gas	282	271	286	293
MSPGCL Total Generation	6795	7234	7716	6376
Central Sector Receipt	6772	6551	5342	4539
WIND	413	848	843	967
CPP / IPP Thermal	4693	4968	4872	4790
CPP / IPP Gas	0	0	0	0
SOLAR	923	622	0	0
Exchange with Mumbai	-1856	-1822	-1560	-964
MSEDCL DEMAND MET	17740	18401	17213	15708
Load Shedding	0	0	0	0
MSEDCL DEMAND	17740	18401	17213	15708
TPCL GENERATION	1080	1058	990	691
AEML GENERATION	374	374	374	374
MUMBAI DEMAND	3310	3254	2924	2029
STATE DEMAND MET	21050	21655	20137	17737
STATE DEMAND	21050	21655	20137	17737
Frequency (Hz)	50.01	49.99	50.00	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 17.00 Hrs	49.78 Hz at 04.10 Hrs	50	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 05/Apr/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.62	19.10	155	145
Unit 7	0.00	0.00	0	0
Unit 8	9.10	42.22	442	348
Unit 9	0.00	0.00	0	0
Unit 10	10.40	50.12	489	350
Total	23.12	111.44		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.66	53.28	505	350
Unit 5	9.70	53.13	500	350
Total	19.36	106.41		
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	4.93	26.80	249	197
Total	4.93	26.80		
Chandrapur				
Unit 3	4.49	22.88	194	163
Unit 4	4.37	21.89	190	160
Unit 5	9.90	49.77	430	365
Unit 6	0.00	0.00	0	0
Unit 7	10.49	52.60	455	375
Unit 8	10.59	53.39	470	380
Unit 9	10.94	56.32	470	390
Total	50.78	256.84		
Paras				
Unit 3	5.89	27.11	253	225
Unit 4	6.05	30.06	255	230
Total	11.94	57.18		
Khaparkheda				
Unit 1	3.74	18.04	180	125
Unit 2	3.60	18.82	160	125
Unit 3	3.96	21.58	190	130
Unit 4	3.89	21.18	185	120
Unit 5	10.68	55.33	460	390
Total	25.87	134.94		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.99	22.00	203	160
Unit 5	3.99	21.65	194	154
Total	7.98	43.66		
Uran				
All Units	6.90	34.45	302	271
Total	6.90	34.45		
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)	0.14	0.87	32	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.14	0.87		
Koyna				
Stage 1-2	5.41	25.92	495	55
Stage 4	3.69	19.45	824	0
Stage 3	1.88	9.98	160	0
Total	10.98	55.35		
Hydro				
KDPH	0.89	4.44	37	37
VTRNA	1.19	4.79	61	0
TILLARI	0.54	2.20	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	0.98	40	0
RNGR+BHTSA	0.29	1.42	13	12
BHANDARDRA	0.00	0.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.46	1.59	19	18
GHATGHAR	0.00	0.63	0	0
Total	3.56	16.65		
Wind				
Total	17.73	85.65	0	0
Total	17.73	85.65		
CPP				
APML(Mus)	69.79	374.10	0	0
JSWEL(Mus)	23.97	118.85	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	14.26	60.64	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	13.47	69.99	0	0
Total	121.49	623.58		
SOLAR				
Total	6.75	35.31	0	0
Total	6.75	35.31		
Tata				
Trombay 5	7.81	45.78	467	299
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	13.40	117	114
Trombay 7B	1.57	7.70	66	65
Trombay 8	4.85	25.29	204	200
TATA Hydro	4.21	20.21	381	4
Total	21.22	112.39		
AEML				
DTPS U-1&2	9.08	49.49	433	373
Total	9.08	49.49		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	143.99	737.26	MSPGCL Total	165.43	843.71
			MSPGCL Thml+Gas	150.89	771.71	Koyna 1,2 & 4 Total	9.10	45.37
			MSPGCL Hydro	14.54	72.00	State Total	341.70	1750.14

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/Apr/2019

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	5903	583	291	6777	1140	5403	0	0	4326	4244	-1417	16147	0	16147	2489	18636	50.03
2	6068	212	302	6582	1376	5339	0	0	3998	3845	-1193	15949	0	15949	2269	18218	50.02
3	5879	239	292	6410	1099	5129	0	0	4299	4299	-1043	15894	0	15894	2117	18011	50.01
4	5889	194	293	6376	967	4790	0	0	4756	4539	-964	15708	0	15708	2029	17737	50.02
5	5668	414	302	6384	711	4649	0	0	4889	5023	-937	15830	0	15830	1993	17823	49.93
6	5880	208	292	6380	525	5187	0	0	5322	5399	-1012	16479	0	16479	2075	18554	49.93
7	6215	383	293	6891	365	5481	0	12	5570	5316	-1016	17049	0	17049	2166	19215	49.96
8	6034	300	293	6627	250	5354	0	138	5566	5715	-1129	16955	0	16955	2310	19265	50.03
9	5794	253	290	6337	201	4951	0	446	6207	6174	-1434	16675	0	16675	2609	19284	50.03
10	5627	824	287	6738	247	4776	0	651	5886	6143	-1636	16919	0	16919	2954	19873	50.01
11	6044	512	285	6841	260	4794	0	828	6466	6382	-1793	17312	0	17312	3210	20522	50.05
12	6125	388	282	6795	413	4693	0	923	6660	6772	-1856	17740	0	17740	3310	21050	50.01
13	6106	804	281	7191	499	4713	0	907	6637	6423	-1830	17903	0	17903	3284	21187	50.04
14	6083	585	281	6949	560	4727	0	893	6550	6606	-1739	17996	0	17996	3148	21144	50.02
15	6059	913	280	7252	718	4720	0	793	6581	6502	-1777	18208	0	18208	3222	21430	49.95
16	6027	936	271	7234	848	4968	0	622	6386	6551	-1822	18401	0	18401	3254	21655	49.99
17	6094	909	284	7287	945	5349	0	384	5558	5655	-1735	17885	0	17885	3171	21056	50.04
18	6139	414	285	6838	818	5377	0	130	5538	5264	-1654	16773	0	16773	3056	19829	50.04
19	5908	334	284	6526	925	4994	0	19	5253	5479	-1552	16391	0	16391	2914	19305	49.96
20	5915	1515	286	7716	843	4872	0	0	5220	5342	-1560	17213	0	17213	2924	20137	50.00
21	6118	955	285	7358	1097	5196	0	0	4960	5008	-1575	17084	0	17084	2817	19901	50.00
22	6114	738	288	7140	1013	5267	0	0	4785	4985	-1513	16892	0	16892	2691	19583	50.02
23	6106	1026	288	7420	949	5404	0	0	4830	4938	-1475	17236	0	17236	2651	19887	49.97
24	6191	904	287	7382	963	5359	0	0	4908	4777	-1324	17157	0	17157	2617	19774	49.90
MUs	143.99	14.54	6.90	165.43	17.73	121.49	0.00	6.75	131.15	131.38	-34.99	407.80	0.00	407.80	65.28	473.08	50.00

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 05/Apr/2019

Position as on 6.30 Hrs of 06/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 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.	
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	RPL(AMT) U-5	270	28/12/2018	19.30		Continued.	Zero Schedule.	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 3	210	09/01/2019	19.30		Continued.	Zero Schedule	
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 9	660	31/03/2019	15.13		Continued.	Furnace Pressure High	
IPP	RPL(AMT) U-1	270	06/04/2019	00.00		Continued.	No Schedule By MSEDCL.	
MSPGCL	Uran Unit 6	108	06/04/2019	00.18		Continued.	Air Intake Filter replacement work.	
MSPGCL	Chandrapur Unit 3	210	06/04/2019	00.40		Continued.	UAT Buccholz Trip.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 06/Apr/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Ektuni-Akola II Ckt 2	IntraState	05/04/2019	10.25	05/04/2019	11.59	T	Distance Protection
765 KV ICT Outages/Trippings							
765/400KV 1500MVA ICT I @ Ektuni	IntraState	05/04/2019	12.24	05/04/2019	16.30	PO	Diagnostic Testing Work & Maint Work.
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	03/04/2019	18.27		Continued.	HT	Over Voltage
Parli(MS)-Parli (PG) II	InterState	04/04/2019	16.15	05/04/2019	03.08	T	Tripped due to DT received at Parly MS end trial taken but tripped on 17.49 declared
Dabhol Nagothane I	InterState	05/04/2019	08.30	05/04/2019	20.30	PO	LE Scheme For Insulator String Replacement.
Khadka-Aurangabad (Waluj)	IntraState	04/04/2019	18.15	05/04/2019	09.58	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	05/04/2019	08.41	05/04/2019	19.18	PO	Replacement Of Faulty Insulator String.
Ektuni - Taptitanda Ckt I	IntraState	05/04/2019	16.38	05/04/2019	20.38	EO	To Attend Heavy Sparking On R-PH Line Isolator.
Khadka-Aurangabad (Waluj)	IntraState	05/04/2019	17.01		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
400/220kv 315 Mva ICT III @Karad	IntraState	01/04/2019	10.08	05/04/2019	19.40	PO	OLTC Overhauling Work.
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	05/04/2019	06.01	05/04/2019	09.38	PO	Making Of Water Sprinkle Cooling Arrangement For Radiators.
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.
Mahalakshmi Amona	InterState	05/04/2019	01.58	05/04/2019	02.58	T	Tripped Amona End.
Mahalakshmi Amona	InterState	05/04/2019	12.48	05/04/2019	14.08	T	R-Ph E,Only Amona End CB Tripped.
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.
Ghatghar - Jindal	IntraState	03/04/2019	09.10	05/04/2019	00.26	PO	Maintenance Work isolator.
Khadka-Chalisgaon-2	IntraState	04/04/2019	09.56	05/04/2019	05.43	PO	R,Y,B CT Replacement work
Kolshet-Roma	IntraState	05/04/2019	03.45	05/04/2019	12.59	T	Distance Protection Z1.
Kamba - Kolshet	IntraState	05/04/2019	03.45	05/04/2019	05.23	T	Distance Protection Z1.
Butibori - Khaperkheda	IntraState	05/04/2019	07.23	05/04/2019	14.52	PO	Y and B Phase CT Jumper Pad Replacement
Khaparkheda-Ambazari-I	IntraState	05/04/2019	10.38	05/04/2019	13.22	PO	Testing Work
Abhijeet-Wardha-I	IntraState	05/04/2019	10.40	05/04/2019	14.08	PO	Fixing of vibration Dampers
Bhugaon - Lloyed Steel	IntraState	05/04/2019	10.50	05/04/2019	16.15	PO	Tan Delta CRM CB Timing
Sawantwadi-Bidri	IntraState	05/04/2019	11.05	05/04/2019	16.05	EO	Replacement Of Flash over Insulator Of Y PH Wave Trap.
SICOM - SAIL	IntraState	05/04/2019	11.35	05/04/2019	19.26	PO	Commissioning of Meter

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 05/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 06/Apr/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Talandage(400kv) - Five Star Midc	IntraState	05/04/2019	12.57	05/04/2019	14.14	EO	To Attend Trip CKT Faulty
Abhijeet-Wardha-li	IntraState	05/04/2019	15.14	05/04/2019	17.17	PO	Fixing of Vibration Dampers
Deepnagar Amalner	IntraState	05/04/2019	18.20	05/04/2019	19.12	T	Distance Protection, R phase Zone 1
Purti-Bhugaon	IntraState	05/04/2019	21.36	06/04/2019	02.11	T	Distance Protection R Phase,Zone 1
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Buccholz Trip.
220/132 kv 150MVA ICT II@ GCR Nashik	IntraState	04/04/2019	10.06	05/04/2019	17.12	PO	Replacement of isolator
220/110 Kv 200 MVA ICT-III @Kolhapur-II (Mudshingi)	IntraState	05/04/2019	10.03		Continued.	PO	Quarterly Maintainance Work
220/100 Kv 200 Mva Vijai Ict 3 @Padghe	IntraState	05/04/2019	10.22	05/04/2019	13.39	EO	Attending Hot Spot
220/132 KV ICT-2 @Nagar	IntraState	05/04/2019	10.45		Continued.	PO	oil Filtration.
220/100 Kv 100 MVA ICT II @Vasai-li	IntraState	05/04/2019	10.51	05/04/2019	18.00	PO	Replacement Of Air Cell In Conservator Tank.
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	07/03/2019	15.40		Continued.	HT	Hand trip Form 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