

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Apr/2019 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	143.337	1025.573	1) Gujrat	1.595	5.701
2) Hydro	8.638	96.781	2) Madhya Pradesh	16.186	113.835
3) Gas	6.997	45.233	3) Chattisgarh	4.750	30.150
Total MSPGCL	158.972	1167.587	4) Maharashtra	115.728	800.904
B) 1) APML	76.975	525.062	5) Goa (Amona)	-0.286	-3.828
2) JSWEL	20.808	162.906	Total	137.973	946.762
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.551	194.646
4) RPL(AMT)	9.712	80.939	b) Mumbai Drawl	26.925	214.695
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	19.595	87.524
6) Other IPP	12.866	96.260	Include PX	-2.877	-64.151
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.551	194.646
C) 1) TPCL Thermal	12.679	96.933	Include PX	16.172	136.256
2) TPCL Hydro	0.514	23.016	Standby	0.000	0.000
3) TPCL Gas	3.779	28.798	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.274	68.990	1) MSEDCL	416.330	2936.249
D) STATE			2) Mumbai Discoms	54.171	432.432
1) Thermal	286.651	2056.663	TOTAL STATE	470.501	3368.681
(A1+C1+C4+(B1-B6))					
2) Hydro	9.152	119.797			
(A2+C2)					
3) Gas	10.776	74.031			
(A3+B7+C3)					
4) Wind	18.878	122.270			
6) SOLAR	7.071	49.158			
TOTAL STATE	332.528	2421.919			

* 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 15 Hrs	C. Evening Peak at 22 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	6099	6001	5942	5665
MSPGCL Hydro	613	574	529	238
MSPGCL Gas	281	281	289	307
MSPGCL Total Generation	6993	6856	6760	6210
Central Sector Receipt	6102	6141	5368	5584
WIND	553	725	974	806
CPP / IPP Thermal	4960	4883	5186	4829
CPP / IPP Gas	0	0	0	0
SOLAR	913	834	0	0
Exchange with Mumbai	-1250	-1281	-1180	-962
MSEDCL DEMAND MET	18271	18158	17108	16467
Load Shedding	0	0	0	0
MSEDCL DEMAND	18271	18158	17108	16467
TPCL GENERATION	687	701	807	613
AEML GENERATION	374	372	499	375
MUMBAI DEMAND	2311	2354	2486	1950
STATE DEMAND MET	20582	20512	19594	18417
STATE DEMAND	20582	20512	19594	18417
Frequency (Hz)	49.97	49.95	49.93	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.28 Hz at 01.12 Hrs	49.74 Hz at 18.55 Hrs	50.01	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 07/Apr/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.90	26.97	175	150
Unit 7	0.00	0.00	0	0
Unit 8	7.91	58.51	404	229
Unit 9	0.00	0.00	0	0
Unit 10	10.72	71.64	515	366
Total	22.53	157.12		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.36	74.22	510	355
Unit 5	10.36	73.88	500	355
Total	20.71	148.10		
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	5.09	37.10	250	195
Total	5.09	37.10		
Chandrapur				
Unit 3	4.66	29.19	195	190
Unit 4	4.46	30.77	187	181
Unit 5	9.98	69.77	425	400
Unit 6	0.00	0.00	0	0
Unit 7	10.53	73.84	447	410
Unit 8	11.37	75.39	479	470
Unit 9	11.16	78.37	483	450
Total	52.16	357.34		
Paras				
Unit 3	5.86	38.96	256	187
Unit 4	6.06	42.18	256	250
Total	11.91	81.14		
Khaparkheda				
Unit 1	3.71	25.82	180	110
Unit 2	0.47	22.81	150	0
Unit 3	4.32	30.16	192	150
Unit 4	4.11	29.50	180	165
Unit 5	10.25	76.37	460	405
Total	22.86	184.67		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.03	30.22	209	158
Unit 5	4.05	29.89	208	156
Total	8.08	60.11		
Uran				
All Units	7.00	45.23	309	270
Total	7.00	45.23		
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)	0.09	1.12	20	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.09	1.12		
Koyna				
Stage 1-2	4.53	36.16	410	45
Stage 4	0.38	24.30	153	0
Stage 3	0.63	13.23	160	0
Total	5.53	73.69		
Hydro				
KDPH	0.88	6.20	37	36
VTRNA	0.97	6.73	61	0
TILLARI	0.42	3.16	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.08	1.21	40	0
RNGR+BHTSA	0.29	1.99	12	11
BHANDARDRA	0.00	0.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.47	2.55	20	19
GHATGHAR	0.00	0.63	0	0
Total	3.10	23.09		
Wind				
Total	18.88	122.27	0	0
Total	18.88	122.27		
CPP				
APML(Mus)	76.98	525.06	0	0
JSWEL(Mus)	20.81	162.91	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	9.71	80.94	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	12.87	96.26	0	0
Total	120.36	865.17		
SOLAR				
Total	7.07	49.16	0	0
Total	7.07	49.16		
Tata				
Trombay 5	7.80	61.89	461	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.34	18.19	117	64
Trombay 7B	1.44	10.61	66	50
Trombay 8	4.88	35.04	223	199
TATA Hydro	0.51	23.02	111	2
Total	16.97	148.75		
AEML				
DTPS U-1&2	10.27	68.99	501	372
Total	10.27	68.99		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	143.34	1025.57	MSPGCL Total	158.97	1167.59
			MSPGCL Thml+Gas	150.33	1070.81	Koyna 1,2 & 4 Total	4.91	60.46
			MSPGCL Hydro	8.64	96.78	State Total	332.53	2421.92

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 07/Apr/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	5910	179	306	6395	1205	5264	0	0	5408	5592	-1331	17125	0	17125	2397	19522	50.10
2	5772	237	296	6305	1174	4920	0	0	5741	5648	-1197	16850	0	16850	2241	19091	50.21
3	5806	178	306	6290	1020	4912	0	0	5681	5728	-1094	16856	0	16856	2098	18954	50.05
4	5709	113	296	6118	1117	4869	0	0	5728	5851	-997	16958	0	16958	1986	18944	50.04
5	5665	238	307	6210	806	4829	0	0	5697	5584	-962	16467	0	16467	1950	18417	50.05
6	5971	203	298	6472	925	5172	0	6	5540	5535	-830	17280	0	17280	1965	19245	50.03
7	6001	356	309	6666	670	5222	0	29	6035	5891	-742	17736	0	17736	1956	19692	50.00
8	6093	252	298	6643	535	5207	0	205	5978	5811	-655	17746	0	17746	1954	19700	50.00
9	5949	248	303	6500	598	5105	0	473	6031	6011	-868	17819	0	17819	2028	19847	50.05
10	5738	483	289	6510	538	5049	0	669	6095	5952	-1099	17619	0	17619	2112	19731	50.02
11	5892	278	284	6454	630	5010	0	856	6250	6107	-1184	17873	0	17873	2218	20091	50.03
12	6099	613	281	6993	553	4960	0	913	6211	6102	-1250	18271	0	18271	2311	20582	49.97
13	6126	430	270	6826	615	4948	0	976	6174	6029	-1313	18081	0	18081	2377	20458	49.98
14	5991	299	280	6570	640	4893	0	921	6135	6068	-1295	17797	0	17797	2367	20164	49.97
15	6001	574	281	6856	725	4883	0	834	6154	6141	-1281	18158	0	18158	2354	20512	49.95
16	6217	483	280	6980	703	4962	0	615	6150	6082	-1246	18096	0	18096	2332	20428	50.01
17	6241	508	283	7032	690	4957	0	392	5967	5911	-1173	17809	0	17809	2292	20101	50.06
18	6005	264	285	6554	719	4848	0	165	5941	5632	-1086	16832	0	16832	2300	19132	50.02
19	5836	173	286	6295	708	4642	0	17	5782	5753	-1223	16192	0	16192	2437	18629	49.91
20	6086	538	288	6912	727	4960	0	0	5551	5629	-1169	17059	0	17059	2474	19533	50.00
21	6191	253	290	6734	742	5190	0	0	5602	5317	-1169	16814	0	16814	2473	19287	50.04
22	5942	529	289	6760	974	5186	0	0	5049	5368	-1180	17108	0	17108	2486	19594	49.93
23	5944	693	290	6927	924	5189	0	0	5048	5030	-1271	16799	0	16799	2548	19347	49.92
24	6152	516	302	6970	940	5184	0	0	5068	5201	-1310	16985	0	16985	2515	19500	50.01
MUs	143.34	8.64	7.00	158.97	18.88	120.36	0.00	7.07	139.02	137.97	-26.92	416.33	0.00	416.33	54.17	470.50	50.01

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 07/Apr/2019

Position as on 6.30 Hrs of 08/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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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	Khaparkheda Unit 2	210	07/04/2019	03.20		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 07/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 08/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 II	InterState	03/04/2019	18.27	08/04/2019	06.21	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	05/04/2019	17.01		Continued.	HT	Over Voltage
Nagothane - Dabhol I	IntraState	07/04/2019	08.55	07/04/2019	18.36	PO	LE Scheme for Insulator String replacement
Kala Kudus Ckt-II	IntraState	08/04/2019	03.16		Continued.	T	Distance Protection Zone 1 B Phase
Kala Kudus Ckt-I	IntraState	08/04/2019	03.18	08/04/2019	06.56	T	Distance Protection Zone 1 Y phase
Padghe - Kalwa- I	IntraState	08/04/2019	05.05	08/04/2019	07.09	T	Distance Protection
Kalwa - Talegaon(PG)	IntraState	08/04/2019	06.58		Continued.	T	Distance Protection
Padghe - Kalwa-II	IntraState	08/04/2019	07.14		Continued.	T	Distance Protection
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
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	07/04/2019	06.58	08/04/2019	00.11	PO	Erection of Cross Arm and Stringing work
Boiser(M)-Boiser(PG) -III	InterState	07/04/2019	07.28	08/04/2019	00.43	PO	Erection of Cross Arm and Stringing work
Borivali - Tarapur	InterState	08/04/2019	01.10		Continued.	T	Bus Bar Protection Operated at Borivali due to REL GIS Bus Coupler CT Problem
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.
Uran - Kharghar I	IntraState	06/04/2019	10.22		Continued.	PO	Re-orientation work of line
Nalasopara-Boisar	IntraState	07/04/2019	00.30	07/04/2019	12.50	EO	R phase Jumper Hot Spot(Taken on TBC)
Boisar Versova Line	IntraState	07/04/2019	06.16	08/04/2019	00.50	HT	Outage on Boisar PG CKT 1&3
Boisar(M) - Ghodbunder	IntraState	07/04/2019	06.19	08/04/2019	00.54	HT	Outage on Boisar PG CKT 1&3
Boisar-Viraj	IntraState	07/04/2019	06.25	08/04/2019	00.48	HT	Outage on Boisar PG CKT 1&3
Chalisgaon -Babhaleshwar	IntraState	07/04/2019	07.15	07/04/2019	07.50	PO	To attend Isolator Jaw Problem
Salsette - Sahara	IntraState	07/04/2019	07.40	07/04/2019	22.52	PO	Conductor Stringing
Trombay Carnac 5	IntraState	07/04/2019	10.49	07/04/2019	13.06	PO	Tree Trimming
Deepnagar Bambhori	IntraState	07/04/2019	21.50	07/04/2019	23.53	PO	Line Maintenance work
REL Borivali MSETCL Borivali Line-2	IntraState	08/04/2019	01.10		Continued.	T	Bus Bar Protection Operated at Borivali due to REL GIS Bus Coupler CT Problem
Gorai MSETCL Borivali Line-2	IntraState	08/04/2019	01.10		Continued.	T	Bus Bar Protection Operated at Borivali due to REL GIS Bus Coupler CT Problem
GIS Bhandup - Borivali	IntraState	08/04/2019	01.10		Continued.	T	Bus Bar Protection Operated at Borivali due to REL GIS Bus Coupler CT Problem

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 07/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 08/Apr/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kharghar-Borivali ckt II	IntraState	08/04/2019	01.10	08/04/2019	06.30	T	Bus Bar Protection Operated at Borivali due to REL GIS Bus Coupler CT Problem
Kalwa - Borivali	IntraState	08/04/2019	01.10	08/04/2019	03.27	T	Bus Bar Protection Operated
Tata Borivli MSETCL Borivli 4	IntraState	08/04/2019	01.10		Continued.	T	Bus Bar Protection Operated at Borivali due to REL GIS Bus Coupler CT Problem
Nalasopara-Boisar	IntraState	08/04/2019	04.40		Continued.	T	Distance Protection R Phase to E/F
Boisar(M) - Ghodbunder	IntraState	08/04/2019	05.46		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.
220/110 Kv 200 MVA ICT-III @Kolhapur-II (Mudshingi)	IntraState	05/04/2019	10.03		Continued.	PO	Quarterly Maintainance Work
220/132 KV ICT-2 @Nagar	IntraState	05/04/2019	10.45		Continued.	PO	oil Filtration.
Carnac : 220 / 110 / 33 315 MVA ICT 5	IntraState	07/04/2019	10.51	07/04/2019	12.20	PO	Routine Maintenance Work
220/132 Kv 200 Mva Bb Ict 2 @Chikhali	IntraState	07/04/2019	14.35	07/04/2019	15.30	T	Tripped on PDR
220/100 Kv 200 MVA ICT-I @Borivali	IntraState	08/04/2019	01.10		Continued.	T	Bus Bar Protection Operated at Borivali due to REL GIS Bus Coupler CT Problem
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	07/03/2019	15.40		Continued.	HT	Hand trip Form Pench end for system requirment.
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.
110 KV LINE Outages/Trippings							
Tata Borivli MSETCL Borivli 2	IntraState	08/04/2019	01.10		Continued.	T	Bus Bar Protection Operated at Borivali due to REL GIS Bus Coupler CT Problem

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage