

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 31/Mar/2019 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	142.793	4119.178	1) Gujrat	0.157	61.148
2) Hydro	9.492	297.979	2) Madhya Pradesh	17.997	547.496
3) Gas	6.890	205.969	3) Chattisgarh	4.380	163.290
Total MSPGCL	159.175	4623.126	4) Maharashtra	114.442	3581.992
B) 1) APLM	69.067	2206.437	5) Goa (Amona)	-0.440	-12.694
2) JSWEL	21.726	690.438	Total	136.536	4341.232
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.959	659.509
4) RPL(AMT)	9.491	138.396	b) Mumbai Drawl	27.607	706.724
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	19.755	501.025
6) Other IPP	12.331	395.118	Include PX	-1.599	-55.639
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.959	659.509
C) 1) TPCL Thermal	12.316	423.750	Include PX	16.303	355.304
2) TPCL Hydro	2.129	144.877	Standby	0.000	0.000
3) TPCL Gas	4.350	133.000	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.949	303.120	1) MSEDCL	406.689	12303.289
D) STATE			2) Mumbai Discoms	55.351	1711.473
1) Thermal	276.673	8276.437	TOTAL STATE	462.040	14014.762
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	11.621	442.856			
3) Gas (A3+B7+C3)	11.240	338.969			
4) Wind	19.219	395.789			
6) SOLAR	6.751	219.477			
TOTAL STATE	325.504	9673.528			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6462	6225	5320	6002
MSPGCL Hydro	576	410	762	424
MSPGCL Gas	271	282	286	292
MSPGCL Total Generation	7309	6917	6368	6718
Central Sector Receipt	6021	6099	5658	5454
WIND	428	652	1186	413
CPP / IPP Thermal	4844	4775	4469	4522
CPP / IPP Gas	0	0	0	0
SOLAR	862	949	0	0
Exchange with Mumbai	-1255	-1274	-1239	-976
MSEDCL DEMAND MET	18209	18118	16442	16131
Load Shedding	0	0	0	0
MSEDCL DEMAND	18209	18118	16442	16131
TPCL GENERATION	847	841	835	695
AEML GENERATION	372	374	374	371
MUMBAI DEMAND	2474	2489	2448	2042
STATE DEMAND MET	20683	20607	18890	18173
STATE DEMAND	20683	20607	18890	18173
Frequency (Hz)	50.00	50.02	50.07	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 18.01 Hrs	49.87 Hz at 05.13 Hrs	50.03	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 31/Mar/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.81	115.71	180	145
Unit 7	0.00	0.00	0	0
Unit 8	7.71	289.81	373	230
Unit 9	4.83	282.24	331	0
Unit 10	8.61	300.14	401	285
Total	24.96	987.91		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.06	265.44	495	350
Unit 5	9.18	311.88	500	350
Total	18.24	577.33		
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	5.03	87.95	244	199
Total	5.03	87.95		
Chandrapur				
Unit 3	4.42	123.02	197	163
Unit 4	4.27	132.40	190	162
Unit 5	9.52	278.64	430	365
Unit 6	0.00	0.00	0	0
Unit 7	10.00	151.42	447	360
Unit 8	10.79	335.21	490	365
Unit 9	10.81	326.12	485	370
Total	49.82	1346.79		
Paras				
Unit 3	4.16	4.33	235	91
Unit 4	5.82	178.51	255	205
Total	9.98	182.84		
Khaparkheda				
Unit 1	3.84	117.78	180	120
Unit 2	3.92	115.26	170	160
Unit 3	4.21	118.14	190	160
Unit 4	4.20	116.54	190	160
Unit 5	10.78	323.41	480	380
Total	26.96	791.14		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.95	130.39	191	160
Unit 5	3.85	14.83	189	105
Total	7.80	145.22		
Uran				
All Units	6.89	205.97	304	271
Total	6.89	205.97		
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)	0.06	2.73	19	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	2.73		
Koyna				
Stage 1-2	3.50	104.09	400	40
Stage 4	1.14	35.24	397	0
Stage 3	1.14	31.09	146	0
Total	5.78	170.42		
Hydro				
KDPH	0.89	25.90	37	37
VTRNA	0.93	28.45	60	0
TILLARI	0.66	12.74	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.29	8.09	40	0
RNGR+BHTSA	0.27	8.99	12	11
BHANDARDRA	0.27	11.94	34	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.39	15.87	17	16
GHATGHAR	0.00	15.58	0	0
Total	3.71	127.56		
Wind				
Total	19.22	395.79	0	0
Total	19.22	395.79		
CPP				
APML(Mus)	69.07	2206.44	0	0
JSWEL(Mus)	21.73	690.44	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	9.49	138.40	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	12.33	395.12	0	0
Total	112.62	3430.39		
SOLAR				
Total	6.75	219.48	0	0
Total	6.75	219.48		
Tata				
Trombay 5	7.46	264.44	312	309
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.77	84.46	116	114
Trombay 7B	1.58	48.54	66	65
Trombay 8	4.85	159.31	204	199
TATA Hydro	2.13	144.88	164	0
Total	18.80	701.63		
AEML				
DTPS U-1&2	8.95	303.12	375	371
Total	8.95	303.12		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	142.79	4119.18	MSPGCL Total	159.18	4623.13
			MSPGCL Thml+Gas	149.68	4325.15	Koyna 1,2 & 4 Total	4.64	139.32
			MSPGCL Hydro	9.49	297.98	State Total	325.50	9673.53

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 31/Mar/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	6368	130	291	6789	483	5139	0	0	6380	6121	-1359	17173	0	17173	2441	19614	50.03
2	6108	129	290	6527	526	4795	0	0	6095	6007	-1186	16669	0	16669	2286	18955	50.01
3	6005	124	291	6420	427	4584	0	0	5934	5704	-1077	16058	0	16058	2143	18201	49.99
4	6002	424	292	6718	413	4522	0	0	5565	5454	-976	16131	0	16131	2042	18173	50.00
5	6098	254	302	6654	522	4710	0	0	5613	5464	-941	16409	0	16409	2008	18417	50.01
6	6115	143	293	6551	696	5055	0	0	5823	5925	-951	17276	0	17276	2021	19297	50.00
7	6523	204	293	7020	746	5196	0	16	5833	5676	-934	17720	0	17720	2021	19741	50.07
8	6523	172	304	6999	703	5153	0	154	5856	5707	-958	17758	0	17758	2044	19802	50.11
9	5655	550	290	6495	555	4723	0	410	5605	5610	-1009	16784	0	16784	2142	18926	50.03
10	6086	640	286	7012	390	4504	0	626	5839	5787	-1093	17226	0	17226	2276	19502	50.06
11	6262	544	284	7090	361	4555	0	821	6041	6092	-1193	17726	0	17726	2406	20132	50.02
12	6462	576	271	7309	428	4844	0	862	6083	6021	-1255	18209	0	18209	2474	20683	50.00
13	6225	410	282	6917	652	4775	0	949	6089	6099	-1274	18118	0	18118	2489	20607	50.02
14	5846	249	279	6374	838	4650	0	910	5929	5981	-1228	17525	0	17525	2423	19948	50.03
15	5892	388	280	6560	1094	4516	0	796	5597	5867	-1230	17603	0	17603	2424	20027	50.05
16	5847	410	271	6528	1101	4513	0	625	5811	5995	-1197	17565	0	17565	2416	19981	50.04
17	5737	305	281	6323	1224	4524	0	422	5775	5711	-1164	17040	0	17040	2376	19416	50.05
18	5492	336	284	6112	1493	4438	0	142	5368	5334	-1135	16384	0	16384	2337	18721	50.09
19	5345	311	284	5940	1353	4449	0	18	5179	5162	-1162	15760	0	15760	2321	18081	50.04
20	5320	762	286	6368	1186	4469	0	0	5185	5658	-1239	16442	0	16442	2448	18890	50.07
21	5642	964	288	6894	1052	4702	0	0	4844	4972	-1220	16400	0	16400	2451	18851	50.04
22	5821	274	288	6383	1024	4613	0	0	5300	5097	-1290	15827	0	15827	2436	18263	50.00
23	5491	520	289	6300	962	4467	0	0	5373	5636	-1242	16123	0	16123	2455	18578	49.98
24	5928	673	291	6892	990	4719	0	0	5161	5456	-1294	16763	0	16763	2471	19234	50.03
MUs	142.79	9.49	6.89	159.17	19.22	112.61	0.00	6.75	136.28	136.54	-27.61	406.69	0.00	406.69	55.35	462.04	50.03

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 31/Mar/2019

Position as on 6.30 Hrs of 01/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-2	270	27/12/2018	19.30		Continued.	Zero 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	Koyana Unit 5	80	31/03/2019	08.20		Continued.	CW Bus Work.	
MSPGCL	Koradi Unit 9	660	31/03/2019	15.13		Continued.	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 31/Mar/2019

Statement-VII

Position as on 6.30 Hrs of 01/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							
Koradi III - Akola II- ckt-II	IntraState	31/03/2019	08.43	31/03/2019	13.00	EO	To reconnect the Jumpers
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	27/03/2019	18.00		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	30/03/2019	18.27	31/03/2019	08.26	HT	Over Voltage
New Koyna - Dabhol-I	IntraState	31/03/2019	04.46	31/03/2019	05.34	T	Distance Protection Zone 1 R Phase
New Koyna - Dabhol-I	IntraState	31/03/2019	10.27	31/03/2019	19.31	EO	Replacement of Flashover Insulator String
Khadka-Aurangabad (Waluj)	IntraState	31/03/2019	16.53		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
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.
Bhosari 2 - Telco	IntraState	31/03/2019	00.38	31/03/2019	04.54	PO	Tan Delta Measurment of CTs
Salsette - Sahara	IntraState	31/03/2019	07.00	31/03/2019	19.43	PO	Conductor replacement
Sonkhar - Trombay	IntraState	31/03/2019	08.12	31/03/2019	11.37	EO	To attend Hot Spot
Kharghar-Borivali ckt II	IntraState	31/03/2019	10.42	31/03/2019	16.53	PO	OPGW stringing work in TBC
Ambazari-Amravati	IntraState	31/03/2019	11.56	31/03/2019	16.59	PO	For Tapping at 220 KV Karanja S/S
Ambazari-Amravati	IntraState	31/03/2019	17.46	31/03/2019	19.37	PO	To remove tapping of Karanja CKT
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Bucholz Trip.
220/132 Kv 100 Mva Cgl Ict 2 @Pusad	IntraState	30/03/2019	16.59	31/03/2019	14.10	PO	Isolator Alignment
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