

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Jul/2019 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	119.140	119.140	1) Gujrat	-4.571	-4.571
2) Hydro	2.876	2.876	2) Madhya Pradesh	5.460	5.460
3) Gas	8.144	8.144	3) Chattisgarh	4.160	4.160
Total MSPGCL	130.160	130.160	4) Maharashtra	92.034	92.034
B) 1) APML	51.350	51.350	5) Goa (Amona)	-0.902	-0.902
2) JSWEL	20.841	20.841	Total	96.181	96.181
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.092	23.092
4) RPL(AMT)	3.657	3.657	b) Mumbai Drawl	27.255	27.255
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	4.453	4.453
6) Other IPP	2.554	2.554	Include PX	-8.140	-8.140
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.092	23.092
C) 1) TPCL Thermal	12.129	12.129	Include PX	9.718	9.718
2) TPCL Hydro	4.614	4.614	Standby	0.000	0.000
3) TPCL Gas	2.921	2.921	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.199	9.199	1) MSEDCL	320.564	320.564
D) STATE			2) Mumbai Discoms	56.116	56.116
1) Thermal	218.870	218.870	TOTAL STATE	376.680	376.680
(A1+C1+C4+(B1-B6))					
2) Hydro	7.490	7.490			
(A2+C2)					
3) Gas	11.065	11.065			
(A3+B7+C3)					
4) Wind	39.396	39.396			
6) SOLAR	3.680	3.680			
TOTAL STATE	280.501	280.501			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4641	4711	5620	4630
MSPGCL Hydro	50	75	260	30
MSPGCL Gas	344	352	342	329
MSPGCL Total Generation	5035	5138	6222	4989
Central Sector Receipt	4946	4506	4183	2819
WIND	1775	1960	1731	1714
CPP / IPP Thermal	3332	3107	3471	2997
CPP / IPP Gas	0	0	0	0
SOLAR	356	501	0	0
Exchange with Mumbai	-1516	-1614	-1179	-757
MSEDCL DEMAND MET	13928	13598	14428	11762
Load Shedding	0	0	0	0
MSEDCL DEMAND	13928	13598	14428	11762
TPCL GENERATION	955	908	957	613
AEML GENERATION	372	372	373	372
MUMBAI DEMAND	2843	2894	2509	1742
STATE DEMAND MET	16771	16492	16937	13504
STATE DEMAND	16771	16492	16937	13504
Frequency (Hz)	50.03	50.00	49.96	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 21.54 Hrs	49.8 Hz at 14.13 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 01/Jul/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.27	3.27	145	115
Unit 7	1.89	1.89	140	0
Unit 8	5.94	5.94	300	200
Unit 9	7.37	7.37	315	300
Unit 10	0.00	0.00	0	0
Total	18.46	18.46		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.45	9.45	500	360
Unit 5	9.38	9.38	500	360
Total	18.84	18.84		
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	0.00	0.00	0	0
Unit 4	3.88	3.88	170	153
Unit 5	7.85	7.85	350	305
Unit 6	7.85	7.85	365	295
Unit 7	7.80	7.80	370	283
Unit 8	8.18	8.18	485	264
Unit 9	8.25	8.25	470	260
Total	43.80	43.80		
Paras				
Unit 3	5.09	5.09	246	197
Unit 4	4.09	4.09	200	150
Total	9.18	9.18		
Khaparkheda				
Unit 1	3.28	3.28	155	120
Unit 2	3.31	3.31	150	61
Unit 3	3.74	3.74	165	150
Unit 4	3.60	3.60	160	135
Unit 5	3.31	3.31	378	0
Total	17.23	17.23		
Nasik				
Unit 3	3.97	3.97	190	159
Unit 4	3.92	3.92	167	160
Unit 5	3.74	3.74	168	150
Total	11.62	11.62		
Uran				
All Units	8.14	8.14	358	225
Total	8.14	8.14		
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	0.00	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.00		
Koyna				
Stage 1-2	1.10	1.10	210	30
Stage 4	0.00	0.00	0	0
Stage 3	0.58	0.58	80	0
Total	1.69	1.69		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.39	0.39	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.00	0	0
GHATGHAR	0.80	0.80	250	0
Total	1.19	1.19		
Wind				
Total	39.40	39.40	0	0
Total	39.40	39.40		
CPP				
APML(Mus)	51.35	51.35	0	0
JSWEL(Mus)	20.84	20.84	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	3.66	3.66	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.55	2.55	0	0
Total	78.40	78.40		
SOLAR				
Total	3.68	3.68	0	0
Total	3.68	3.68		
Tata				
Trombay 5	7.61	7.61	454	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.68	1.68	114	57
Trombay 7B	1.24	1.24	66	47
Trombay 8	4.52	4.52	214	133
TATA Hydro	4.61	4.61	387	8
Total	19.66	19.66		
AEML				
DTPS U-1&2	9.20	9.20	495	371
Total	9.20	9.20		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	119.14	119.14	MSPGCL Total	130.16	130.16
			MSPGCL Thml+Gas	127.28	127.28	Koyna 1,2 & 4 Total	1.10	1.10
			MSPGCL Hydro	2.88	2.88	State Total	280.50	280.50

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/Jul/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	4732	35	349	5116	1441	3449	0	0	3297	3255	-936	12325	0	12325	1967	14292	49.97
2	4748	30	339	5117	1996	3264	0	0	3287	2916	-831	12462	0	12462	1829	14291	50.00
3	4630	30	329	4989	1714	2997	0	0	2645	2819	-757	11762	0	11762	1742	13504	49.98
4	4473	120	347	4940	1644	2997	0	0	2874	3032	-722	11891	0	11891	1704	13595	50.01
5	4442	30	337	4809	1592	2974	0	0	3509	3330	-710	11995	0	11995	1692	13687	49.99
6	4484	85	349	4918	1397	3059	0	0	4110	4179	-822	12731	0	12731	1806	14537	49.98
7	4636	290	329	5255	1346	3353	0	23	4580	4913	-916	13974	0	13974	1940	15914	49.91
8	4858	110	357	5325	1312	3633	0	103	4734	4590	-1057	13906	0	13906	2114	16020	50.07
9	4699	115	358	5172	1286	3721	0	245	4957	4892	-1245	14071	0	14071	2396	16467	50.04
10	4614	63	357	5034	1465	3640	0	327	5159	4977	-1397	14046	0	14046	2671	16717	50.02
11	4641	50	344	5035	1775	3332	0	356	5204	4946	-1516	13928	0	13928	2843	16771	50.03
12	4665	70	351	5086	1807	3182	0	462	4953	4867	-1630	13774	0	13774	2926	16700	50.03
13	4711	75	352	5138	1960	3107	0	501	4848	4506	-1614	13598	0	13598	2894	16492	50.00
14	4801	80	350	5231	1886	2988	0	488	4323	4087	-1485	13195	0	13195	2790	15985	49.99
15	5053	85	332	5470	1910	2950	0	481	4219	4246	-1460	13597	0	13597	2770	16367	49.97
16	5074	70	355	5499	1804	2964	0	316	4479	4356	-1373	13566	0	13566	2719	16285	50.01
17	5143	75	351	5569	1971	2977	0	235	4299	4273	-1289	13736	0	13736	2661	16397	50.00
18	5195	70	343	5608	1911	2893	0	116	4356	4236	-1258	13506	0	13506	2608	16114	50.01
19	5219	80	351	5650	1903	2997	0	27	4620	4733	-1254	14056	0	14056	2560	16616	49.97
20	5620	260	342	6222	1731	3471	0	0	4513	4183	-1179	14428	0	14428	2509	16937	49.96
21	5713	370	352	6435	1541	3670	0	0	4096	3715	-1094	14267	0	14267	2414	16681	49.98
22	5734	360	341	6435	1262	3730	0	0	3481	3086	-857	13656	0	13656	2319	15975	50.06
23	5705	264	304	6273	1338	3617	0	0	3258	2867	-856	13239	0	13239	2207	15446	50.01
24	5550	59	225	5834	1404	3437	0	0	3171	3177	-997	12855	0	12855	2037	14892	50.01
MUs	119.14	2.88	8.14	130.16	39.40	78.40	0.00	3.68	98.97	96.18	-27.26	320.56	0.00	320.56	56.12	376.68	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 01/Jul/2019

Position as on 6.30 Hrs of 02/Jul/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	
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	
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.(water shortage from 25/06/2019)	
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	Parli Unit 8	250	04/06/2019	00.00		Continued.	Zero Schedule (converted to AOH from 25/06/2019)	
MSPGCL	Koyana Unit 5	80	17/06/2019	08.20		Continued.	needle stuck up problem.	
MSPGCL	Koyana Unit 6	80	17/06/2019	08.40		Continued.	needle stuck up problem.	
IPP	Adani U-4	660	19/06/2019	16.09		Continued.	MS Drain Bonnet Leakage.	
MSPGCL	Parli Unit 7	250	25/06/2019	09.45		Continued.	Water Shortage	
MSPGCL	Khaparkheda Unit 5	500	27/06/2019	23.17	01/07/2019	12.58	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 3	210	28/06/2019	18.35		Continued.	Zero schedule.	
MSPGCL	Koradi Unit 7	210	28/06/2019	22.50	01/07/2019	07.55	Boiler Tube Leakage	
IPP	RPL(AMT) U-2	270	29/06/2019	00.00		Continued.	Zero schedule.	
IPP	RPL(AMT) U-5	270	29/06/2019	03.00		Continued.	Zero Schedule.	
MSPGCL	Chandrapur Unit 3	210	29/06/2019	16.23	02/07/2019	04.40	Boiler Tube Leakage	
MSPGCL	Koradi Unit 10	660	30/06/2019	11.54		Continued.	Air heater problem	
IPP	RPL(AMT) U-1	270	30/06/2019	16.00		Continued.	Zero Schedule	
IPP	RPL(AMT) U-3	270	01/07/2019	00.00		Continued.	ZERO SCHEDULE.	
IPP	Dhariwal	300	01/07/2019	00.01		Continued.	NO SCHEDULE	
IPP	RPL(AMT) U-4	270	01/07/2019	17.45		Continued.	Zero schedule.	
MSPGCL	Uran Unit 5	108	01/07/2019	22.38	02/07/2019	06.32	BARING VIBRATION HIGH.	
MSPGCL	Khaparkheda Unit 2	210	01/07/2019	23.28		Continued.	BOILER VALIDITY EXTENSION WORK.	
MSPGCL	Koradi Unit 9	660	02/07/2019	03.00		Continued.	Air heater problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Jul/2019

Statement-VII

Position as on 6.30 Hrs of 02/Jul/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	27/06/2019	19.16		Continued.	HT	Over Voltage
Chandrapur-II - Warora - I	InterState	01/07/2019	10.47		Continued.	EO	01/Jul/2019 RFC 18.35 Flashover string Replacement Work.
Padghe - Nagothane - I	IntraState	29/06/2019	01.37		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	29/06/2019	16.33		Continued.	HT	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	30/06/2019	04.00		Continued.	T	Over Voltage
Jaigad-New Koyna Ckt-I	IntraState	30/06/2019	12.39	01/07/2019	08.22	PO	CVT Replacement work at Jaigad End
Lonikand I - Koyna stage-IV	IntraState	30/06/2019	23.45	01/07/2019	08.17	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	01/07/2019	09.54		Continued.	PO	01/Jul/2019 RFC.16.40 CVT Replacement Work.
Lonikand 1 - Chakan	IntraState	01/07/2019	11.26	01/07/2019	13.49	EO	Attending Hot Spot At 89c R-PH PG Isolator's IPS Tube Clamp nut Bolt.
Akola II - RPL(Rattanindia) Ckt-II	IntraState	01/07/2019	21.50		Continued.	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	01/07/2019	21.52		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	01/07/2019	22.42		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.
400/220/33 Kv 315 MVA ICT II @Chandrapur GCR	IntraState	24/06/2019	14.14		Continued.	PO	Oil Filtration Work due to High PPM.
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 BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Balapur-Akola I	IntraState	20/06/2019	12.15		Continued.	PO	New Tower Erection Work And Stringing Work At Railway Crossing.
Balapur-Akola li	IntraState	20/06/2019	12.15		Continued.	PO	New Tower Erection Work And Stringing Work At Railway Crossing.
Miraj-Ichalkaranji I	IntraState	24/06/2019	12:14		Continued.	T	Tower Collapse.
Chandrapur GCR - Warora - I	IntraState	24/06/2019	14.01		Continued.	HT	Outage on Chandrapur ICT 2.
Chandrapur GCR - Wani	IntraState	29/06/2019	19.39		Continued.	HT	Outage on Chandrapur ICT 2.
Mudshingi-Belewadi	IntraState	01/07/2019	10.25	01/07/2019	12.30	PO	Quarterly Maintainance Work
Sonkhar - Trombay	IntraState	01/07/2019	10.43	01/07/2019	11.00	T	Distance Protection,B-PH.14.8KA,Z-1.55.14KM.
Kalwa - Mulund 2	IntraState	01/07/2019	12.25	01/07/2019	12.37	EO	CT shorting Work.
Uran - Kharghar I	IntraState	01/07/2019	16.25		Continued.	PO	Y PH Conductor Broken Indication At Uran End.
Dhule - Malegaon	IntraState	01/07/2019	19.53	01/07/2019	20.27	T	Distance Protection,Malegaon End.Z1.RPH.2.9KA.34.8KM.
Hinjawadi I- Chinchwad	IntraState	01/07/2019	21.29	02/07/2019	00.09	T	BUS BAR OPERATED B PHASE HV CT flashover OF TRANSFARMER NO.2.
Chinchwad1- Chinchwad2 ckt-1	IntraState	01/07/2019	21.29	02/07/2019	00.09	T	BUS BAR OPERATED B PHASE HV CT flashover OF TRANSFARMER NO.2.
220 KV ICT Outages/Trippings							
220/22kV 100MVA T/F-I @ Nalasopara	IntraState	30/06/2019	02.50		Continued.	T	Diff operated, bucholz tripped, CTR Operated.

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 01/Jul/2019

Statement-VII

Position as on 6.30 Hrs of 02/Jul/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/22-22 Kv 100 Mva Ptr 2 @Parvati	IntraState	01/07/2019	14.15	01/07/2019	14.55	PO	Removal Of Hanging Wire From Gantry To CT.
132 KV LINE Outages/Trippings							
Amalner - Nardhana	IntraState	23/06/2019	20.02		Continued.	T	DISTANCE PROTECTION NRD-- > Y, PHASE, IY=8.33KA, IB=8.309KA, 45.86KM 5 NO TOWERS COLLAPSED TOWER NO 9 TO 13 FROM AMALNER