

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Jul/2020 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	108.174	857.192	1) Gujrat	4.896	41.767
2) Hydro	7.407	65.483	2) Madhya Pradesh	10.760	89.719
3) Gas	2.820	26.479	3) Chattisgarh	5.590	46.000
Total MSPGCL	118.401	949.154	4) Maharashtra	115.021	1048.042
B) 1) APML	29.334	250.629	5) Goa (Amona)	0.000	-1.892
2) JSWEL	17.509	153.987	Total	136.267	1223.636
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.034	229.984
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	26.395	223.992
5) WPCL	8.300	48.331	c) MSEDCL Bilateral *	27.125	292.059
6) Other IPP	7.491	63.516	Include PX	2.407	49.522
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.034	229.984
C) 1) TPCL Thermal	7.805	68.877	Include PX	16.863	149.640
2) TPCL Hydro	5.031	40.230	Standby	0.000	0.000
3) TPCL Gas	3.087	34.834	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.703	42.675	1) MSEDCL	319.251	2860.535
D) STATE			2) Mumbai Discoms	47.021	410.608
1) Thermal	183.316	1485.207	TOTAL STATE	366.272	3271.143
(A1+C1+C4+(B1-B6))					
2) Hydro	12.438	105.713			
(A2+C2)					
3) Gas	5.907	61.313			
(A3+B7+C3)					
4) Wind	22.876	345.854			
6) SOLAR	5.468	49.420			
TOTAL STATE	230.005	2047.507			

* 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 4 Hrs
MSPGCL Thermal	4785	4537	4840	4166
MSPGCL Hydro	649	361	293	133
MSPGCL Gas	115	114	120	117
MSPGCL Total Generation	5549	5012	5253	4416
Central Sector Receipt	6259	6716	5408	5107
WIND	561	522	1240	822
CPP / IPP Thermal	2639	2608	2674	2572
CPP / IPP Gas	0	0	0	0
SOLAR	572	661	0	0
Exchange with Mumbai	-1266	-1460	-1056	-876
MSEDCL DEMAND MET	14314	14059	13519	12041
Load Shedding	0	0	0	0
MSEDCL DEMAND	14314	14059	13519	12041
TPCL GENERATION	742	643	757	538
AEML GENERATION	250	190	190	189
MUMBAI DEMAND	2258	2293	2003	1603
STATE DEMAND MET	16572	16352	15522	13644
STATE DEMAND	16572	16352	15522	13644
Frequency (Hz)	50.02	50.03	49.96	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 06.01 Hrs	49.76 Hz at 09.14 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 09/Jul/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Unit 9	11.84	95.55	555	462
Unit 10	10.94	91.20	461	410
Total	22.78	186.75		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
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	4.06	22.78	175	163
Unit 4	3.85	31.62	162	160
Unit 5	9.10	80.89	430	364
Unit 6	9.30	58.45	420	360
Unit 7	9.03	82.32	390	360
Unit 8	10.02	86.43	465	360
Unit 9	9.72	57.93	450	353
Total	55.09	420.41		
Paras				
Unit 3	4.83	41.64	230	180
Unit 4	4.40	43.18	224	140
Total	9.23	84.82		
Khaparkheda				
Unit 1	3.58	31.81	160	115
Unit 2	0.00	0.00	0	0
Unit 3	2.73	31.33	185	0
Unit 4	4.18	36.92	190	161
Unit 5	10.59	65.14	465	365
Total	21.08	165.21		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Uran				
All Units	2.82	26.48	128	114
Total	2.82	26.48		
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)	0.18	0.92	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.18	0.92		
Koyna				
Stage 1-2	2.56	24.96	390	40
Stage 4	0.81	8.50	390	0
Stage 3	1.53	13.20	160	0
Total	4.90	46.66		
Hydro				
KDPH	0.74	6.12	31	31
VTRNA	0.00	0.00	0	0
TILLARI	1.05	7.29	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.40	2.83	40	0
RNGR+BHTSA	0.00	0.63	0	0
BHANDARDRA	0.08	0.45	19	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.23	1.50	19	7
GHATGHAR	0.00	0.00	0	0
Total	2.51	18.82		
Wind				
Total	22.88	345.85	0	0
Total	22.88	345.85		
CPP				
APML(Mus)	29.33	250.63	0	0
JSWEL(Mus)	17.51	153.99	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	8.30	48.33	0	0
Other(Mus)	7.49	63.52	0	0
Total	62.63	516.46		
SOLAR				
Total	5.47	49.42	0	0
Total	5.47	49.42		
Tata				
Trombay 5	7.80	68.88	385	295
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.82	21.76	117	61
Trombay 7B	1.27	13.07	66	47
Trombay 8	0.00	0.00	0	0
TATA Hydro	5.03	40.23	347	46
Total	15.92	143.94		
AEML				
DTPS U-1&2	4.70	42.68	250	188
Total	4.70	42.68		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	108.17	857.19	MSPGCL Total	118.40	949.15
			MSPGCL Thml+Gas	110.99	883.67	Koyna 1,2 & 4 Total	3.37	33.46
			MSPGCL Hydro	7.41	65.48	State Total	230.00	2047.51

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/Jul/2020

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	4444	169	117	4730	661	2751	0	0	5269	5435	-1109	12468	0	12468	1872	14340	50.01
2	4395	118	117	4630	722	2645	0	0	5172	5125	-1024	12098	0	12098	1757	13855	49.99
3	4241	128	128	4497	828	2551	0	0	5202	5233	-957	12152	0	12152	1675	13827	50.00
4	4166	133	117	4416	822	2572	0	0	5161	5107	-876	12041	0	12041	1603	13644	50.01
5	4275	133	117	4525	736	2588	0	0	5037	5255	-859	12245	0	12245	1585	13830	50.01
6	4487	450	116	5053	772	2653	0	0	5203	5430	-831	13077	0	13077	1616	14693	50.00
7	4520	694	117	5331	745	2607	0	32	6052	6217	-822	14110	0	14110	1614	15724	50.01
8	4562	288	117	4967	518	2634	0	167	6591	6592	-853	14025	0	14025	1712	15737	49.97
9	4616	413	115	5144	611	2635	0	413	6510	6839	-1067	14575	0	14575	1905	16480	49.97
10	4698	801	114	5613	580	2586	0	513	6185	6023	-1091	14224	0	14224	2120	16344	49.94
11	4785	649	115	5549	561	2639	0	572	6360	6259	-1266	14314	0	14314	2258	16572	50.02
12	4621	363	115	5099	428	2634	0	671	6655	6556	-1403	13985	0	13985	2292	16277	50.04
13	4537	361	114	5012	522	2608	0	661	6473	6716	-1460	14059	0	14059	2293	16352	50.03
14	4477	360	114	4951	840	2616	0	676	6182	6057	-1462	13678	0	13678	2232	15910	50.01
15	4362	281	114	4757	954	2580	0	662	6086	5864	-1404	13413	0	13413	2240	15653	49.95
16	4284	281	116	4681	1857	2583	0	527	5815	5654	-1248	14054	0	14054	2175	16229	50.01
17	4284	192	120	4596	2205	2431	0	354	5560	5104	-1173	13517	0	13517	2107	15624	50.04
18	4285	206	119	4610	1963	2183	0	179	5278	5304	-1128	13111	0	13111	2003	15114	49.97
19	4600	391	119	5110	1654	2555	0	41	4927	5158	-1098	13420	0	13420	1969	15389	49.99
20	4840	293	120	5253	1240	2674	0	0	5420	5408	-1056	13519	0	13519	2003	15522	49.96
21	4861	198	120	5179	1015	2782	0	0	5348	5251	-983	13244	0	13244	2010	15254	50.02
22	4823	172	119	5114	890	2779	0	0	5342	5298	-1067	13014	0	13014	1985	14999	49.99
23	4608	174	120	4902	878	2708	0	0	5127	5254	-1069	12673	0	12673	1996	14669	50.01
24	4403	159	120	4682	874	2640	0	0	5123	5128	-1089	12235	0	12235	1999	14234	50.01
MUs	108.17	7.41	2.82	118.40	22.88	62.63	0.00	5.47	136.08	136.27	-26.39	319.25	0.00	319.25	47.02	366.27	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 09/Jul/2020

Position as on 6.30 Hrs of 10/Jul/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koyna STG-IV Unit-2	250	02/07/2020	09.00		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
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	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 10.00 hrs)	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
MSPGCL	Ghatghar Unit-1	125	18/02/2020	00.25		Continued.	Severe Hunting In Hydro Conduit Across MIV	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Ghatghar Unit-2	125	09/03/2020	10:50		Continued.	Expansion joint leakage.	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 6	250	21/03/2020	17.31		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Nasik Unit 4	210	25/03/2020	19.45		Continued.	Reserve Shut Down.(Converted zero schedule from 25.03.2020)	
MSPGCL	Uran Unit 5	108	06/04/2020	13.23		Continued.	Gas shortage	
TPC_G	Trombay 8	250	11/04/2020	16.55		Continued.	Zero Schedule.	
IPP	JSW (J) U3	300	30/04/2020	15.13		Continued.	No Schedule	
MSPGCL	Parli Unit 7	250	12/05/2020	19.34		Continued.	Zero Schedule.	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Koradi Unit-8	660	31/05/2020	22.56		Continued.	Heavy steam Leakage in super heater.(Converted in	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 09/Jul/2020

Position as on 6.30 Hrs of 10/Jul/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							To Zero schedule w.e.f 03.06.2020 01.28)	
MSPGCL	Bhusawal Unit 4	500	01/06/2020	07.16		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 5	500	01/06/2020	12.21		Continued.	Zero schedule By MSEDCL	
MSPGCL	Parli Unit 8	250	01/06/2020	13.13		Continued.	Zero schedule By MSEDCL	
IPP	Adani U-1	660	03/06/2020	15.02		Continued.	Converted zero schedule from 03.06.2020	
IPP	Adani U-5	660	04/06/2020	12.29		Continued.	Zero Schedule.	
IPP	Adani U-4	660	12/06/2020	10.30		Continued.	Zero Schedule	
MSPGCL	Khaparkheda Unit 2	210	24/06/2020	11.34		Continued.	Generator Earth Fault	
AEML	AEML Unit 1	250	27/06/2020	23.55		Continued.	Zero schedule.	
MSPGCL	Khaparkheda Unit 3	210	08/07/2020	11.11	09/07/2020	06.12	Flame Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Jul/2020

Statement-VII

Position as on 6.30 Hrs of 10/Jul/2020

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	03/07/2020	13.54		Continued.	T	Distance Protection (RFC 23.10).
Chandrapur Bhadravati II	InterState	04/07/2020	21.02		Continued.	HT	Over Voltage
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	11/06/2020	10.40		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	18/06/2020	20.48	09/07/2020	10.05	HT	Over Voltage
Padghe - Nagothane - I	IntraState	25/06/2020	19.20		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	26/06/2020	16.47		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	03/07/2020	20.35		Continued.	HT	Over Voltage
Karad - Talandge Ckt 2	IntraState	04/07/2020	22.17		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	06/07/2020	21.51	09/07/2020	11.43	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	07/07/2020	18.14	09/07/2020	09.39	HT	Over Voltage
Nagothane - Dabhol I	IntraState	08/07/2020	10.15	09/07/2020	11.20	PO	Routine Maintenance Work. (RFC -DT.08.07.2020,22:01hrs)
Lonikand I - Koyna stage-IV	IntraState	08/07/2020	23.31	09/07/2020	18.31	HT	Over Voltage
Koradi-Bhusawal	IntraState	09/07/2020	00.03	09/07/2020	09.34	T	Over Voltage
Padghe - Kalwa- I	IntraState	09/07/2020	01.12		Continued.	T	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	09/07/2020	12.29.		Continued.	PO	Line Maintenance work (RFC 17.42)
Nagothane - Dabhol-II	IntraState	09/07/2020	12.41		Continued.	PO	Routine Maintenance Work (RFC 20.45).
Lonikand I - Koyna stage-IV	IntraState	09/07/2020	20.48		Continued.	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	09/07/2020	21.01		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 Kv 500 MVA ICT-IV @Kalwa	IntraState	05/07/2020	00.03	09/07/2020	12.19	PO	LV Side Over Voltage.
400/220 Kv 500 Mva ICT- I @Jejuri	IntraState	09/07/2020	01.38		Continued.	HT	To Control over voltage.
400/220 Kv 500 MVA ICT-III @Kalwa	IntraState	09/07/2020	01.45		Continued.	HT	To control over voltage.
400/220/33 Kv 500 MVA ICT-I @Lonikand 2	IntraState	09/07/2020	09.23	09/07/2020	14.17	PO	Half yearly maintenance work
400/220kv 315 Mva ICT II @Karad	IntraState	09/07/2020	22.20		Continued.	T	OLTC bucholz tripped.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Virur - Virurlytss1	IntraState	09/07/2020	08.45	09/07/2020	15.08	PO	Main & auxiliary bus & line isolator maintenance work by agency.
Baramati - Kurkumbh	IntraState	09/07/2020	09.40	09/07/2020	12.48	PO	Replacement of flashover DSN string at loc no 61 r-ph.
Khadka-Bhadli-1	IntraState	09/07/2020	09.45	09/07/2020	13.58	PO	Line Maintenance work
220 KV JALKOT - NANDED (KUMBHARGAON) CKT - 2	IntraState	09/07/2020	11.42	09/07/2020	14.52	PO	Line Maintenance work
Raymond - Washala	IntraState	09/07/2020	12.00	09/07/2020	14.59	EO	Compressor leakage at raymond end.
Sawantwadi-Bidri	IntraState	09/07/2020	20.10		Continued.	HT	Over Voltage
Karad(400kv) - Ogalewadi Ckt 1	IntraState	09/07/2020	22.20	09/07/2020	23.26	T	Distance Protection

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 09/Jul/2020

Statement-VII

Position as on 6.30 Hrs of 10/Jul/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 KV ICT Outages/Trippings							
220/132 kV 100MVA ICT-I @ Shivajinagar	IntraState	13/06/2020	01.24		Continued.	T	Differential protection & main Buchholz trip.
220/132 Kv 100 Mva Bhel Ict 2 @Padegaon	IntraState	08/07/2020	08.34	09/07/2020	00.07	PO	CT repl work.