

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Jul/2020 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	94.382	650.324	1) Gujrat	4.503	30.921
2) Hydro	9.947	51.711	2) Madhya Pradesh	9.983	66.999
3) Gas	2.820	20.887	3) Chattisgarh	4.570	34.850
Total MSPGCL	107.149	722.922	4) Maharashtra	109.860	816.377
B) 1) APML	26.762	193.064	5) Goa (Amona)	-0.132	-1.562
2) JSWEL	16.974	119.517	Total	128.784	947.585
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.256	179.070
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	25.278	171.641
5) WPCL	7.861	32.596	c) MSEDCL Bilateral *	36.409	224.224
6) Other IPP	7.525	48.758	Include PX	2.093	38.869
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.256	179.070
C) 1) TPCL Thermal	7.715	53.872	Include PX	15.657	118.246
2) TPCL Hydro	3.991	30.633	Standby	0.000	0.000
3) TPCL Gas	3.573	27.565	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.725	33.445	1) MSEDCL	314.581	2221.999
D) STATE			2) Mumbai Discoms	45.282	317.156
1) Thermal	165.944	1131.576	TOTAL STATE	359.863	2539.155
(A1+C1+C4+(B1-B6))					
2) Hydro	13.938	82.344			
(A2+C2)					
3) Gas	6.393	48.452			
(A3+B7+C3)					
4) Wind	39.934	291.279			
6) SOLAR	4.870	37.919			
TOTAL STATE	231.079	1591.570			

* 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 3 Hrs
MSPGCL Thermal	4049	3897	4140	3690
MSPGCL Hydro	504	465	399	85
MSPGCL Gas	118	129	116	118
MSPGCL Total Generation	4671	4491	4655	3893
Central Sector Receipt	6234	6050	5390	4320
WIND	1492	2093	1282	2361
CPP / IPP Thermal	2610	2536	2634	2111
CPP / IPP Gas	0	0	0	0
SOLAR	592	692	0	0
Exchange with Mumbai	-1218	-1358	-1034	-919
MSEDCL DEMAND MET	14381	14504	12927	11766
Load Shedding	0	0	0	0
MSEDCL DEMAND	14381	14504	12927	11766
TPCL GENERATION	804	726	695	490
AEML GENERATION	250	198	189	189
MUMBAI DEMAND	2272	2282	1918	1598
STATE DEMAND MET	16653	16786	14845	13364
STATE DEMAND	16653	16786	14845	13364
Frequency (Hz)	50.02	50.01	49.96	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 13.01 Hrs	49.8 Hz at 22.11 Hrs	49.99	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/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	11.18	72.43	495	430
Unit 10	10.61	69.61	460	410
Total	21.78	142.04		
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	0.00	17.84	0	0
Unit 4	3.62	24.01	156	140
Unit 5	8.74	63.32	395	345
Unit 6	9.31	40.21	440	360
Unit 7	8.95	64.42	390	348
Unit 8	9.44	67.33	435	340
Unit 9	2.74	38.87	404	0
Total	42.81	315.99		
Paras				
Unit 3	4.28	32.59	235	0
Unit 4	5.00	34.27	245	190
Total	9.29	66.85		
Khaparkheda				
Unit 1	3.59	24.44	160	140
Unit 2	0.00	0.00	0	0
Unit 3	3.77	26.86	175	145
Unit 4	4.04	28.73	185	160
Unit 5	9.10	45.42	410	350
Total	20.50	125.44		
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	20.89	129	105
Total	2.82	20.89		
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)	0.11	0.54	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.11	0.54		
Koyna				
Stage 1-2	3.68	20.22	460	45
Stage 4	1.99	7.69	382	0
Stage 3	2.32	10.16	240	0
Total	7.98	38.07		
Hydro				
KDPH	0.70	4.75	29	29
VTRNA	0.00	0.00	0	0
TILLARI	0.61	4.93	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.40	2.03	40	0
RNGR+BHTSA	0.00	0.63	0	0
BHANDARDRA	0.06	0.26	21	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.20	1.04	17	6
GHATGHAR	0.00	0.00	0	0
Total	1.96	13.64		
Wind				
Total	39.93	291.28	0	0
Total	39.93	291.28		
CPP				
APML(Mus)	26.76	193.06	0	0
JSWEL(Mus)	16.97	119.52	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.86	32.60	0	0
Other(Mus)	7.52	48.76	0	0
Total	59.12	393.94		
SOLAR				
Total	4.87	37.92	0	0
Total	4.87	37.92		
Tata				
Trombay 5	7.72	53.87	376	299
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.19	17.29	97	76
Trombay 7B	1.38	10.27	60	53
Trombay 8	0.00	0.00	0	0
TATA Hydro	3.99	30.63	287	17
Total	15.28	112.07		
AEML				
DTPS U-1&2	4.72	33.44	251	188
Total	4.72	33.44		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	94.38	650.32	MSPGCL Total	107.15	722.92
			MSPGCL Thml+Gas	97.20	671.21	Koyna 1,2 & 4 Total	5.66	27.91
			MSPGCL Hydro	9.95	51.71	State Total	231.08	1591.57

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 07/Jul/2020

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	3726	85	120	3931	2311	2133	0	0	4666	4754	-957	12172	0	12172	1726	13898	49.93
2	3669	85	120	3874	2359	2116	0	0	4526	4541	-926	11964	0	11964	1637	13601	50.01
3	3690	85	118	3893	2361	2111	0	0	4490	4320	-919	11766	0	11766	1598	13364	50.01
4	3686	85	118	3889	2076	2124	0	0	4388	4702	-901	11890	0	11890	1553	13443	49.99
5	3711	390	118	4219	1820	2264	0	0	4213	4663	-881	12085	0	12085	1526	13611	49.95
6	3855	443	118	4416	1525	2631	0	0	5007	5447	-889	13130	0	13130	1553	14683	49.98
7	3990	490	119	4599	1511	2720	0	41	5770	6089	-820	14140	0	14140	1570	15710	50.01
8	4004	633	119	4756	1411	2701	0	180	6091	6255	-841	14462	0	14462	1673	16135	50.00
9	4036	1000	118	5154	1153	2716	0	377	5951	6227	-947	14680	0	14680	1872	16552	49.98
10	4048	882	118	5048	1253	2630	0	484	6287	6129	-992	14552	0	14552	2057	16609	50.00
11	4023	491	120	4634	1209	2658	0	617	6305	6472	-1136	14454	0	14454	2185	16639	49.99
12	4049	504	118	4671	1492	2610	0	592	6360	6234	-1218	14381	0	14381	2272	16653	50.02
13	3897	465	129	4491	2093	2536	0	692	6446	6050	-1358	14504	0	14504	2282	16786	50.01
14	3735	506	120	4361	2164	2292	0	595	6350	5497	-1378	13531	0	13531	2214	15745	50.07
15	3787	533	117	4437	2192	2154	0	533	6019	5390	-1296	13410	0	13410	2123	15533	50.02
16	3820	511	115	4446	2181	2111	0	421	5318	4818	-1290	12687	0	12687	2052	14739	50.05
17	3896	446	115	4457	2315	2177	0	200	4894	4802	-1229	12722	0	12722	1993	14715	49.99
18	3966	374	105	4445	1732	2164	0	116	4433	4640	-1101	11996	0	11996	1922	13918	49.98
19	4000	495	127	4622	1479	2534	0	22	4364	5017	-1070	12604	0	12604	1892	14496	49.99
20	4140	399	116	4655	1282	2634	0	0	5276	5390	-1034	12927	0	12927	1918	14845	49.96
21	4260	260	116	4636	1003	2666	0	0	5339	5608	-1016	12897	0	12897	1938	14835	50.01
22	4121	226	116	4463	958	2783	0	0	5173	5414	-1002	12616	0	12616	1923	14539	49.98
23	4114	296	105	4515	908	2827	0	0	5151	5202	-1032	12420	0	12420	1919	14339	49.91
24	4159	263	115	4537	1146	2830	0	0	4921	5123	-1045	12591	0	12591	1884	14475	50.01
MUs	94.38	9.95	2.82	107.15	39.93	59.12	0.00	4.87	127.74	128.78	-25.28	314.58	0.00	314.58	45.28	359.86	49.99

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/Jul/2020

Position as on 6.30 Hrs of 08/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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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 B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit 7	108	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 07/Jul/2020

Position as on 6.30 Hrs of 08/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	Chandrapur Unit 9	500	04/07/2020	13.31	07/07/2020	14.05	Water valve Circulation not.	
MSPGCL	Chandrapur Unit 3	210	05/07/2020	20.43		Continued.	Furnace Pressure High	
MSPGCL	Paras Unit 3	250	07/07/2020	20.43	07/07/2020	23.10	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Jul/2020

Statement-VII

Position as on 6.30 Hrs of 08/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		Continued.	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
Dhule - Bableswhar - II	IntraState	29/06/2020	19.38	07/07/2020	00.35	HT	Over Voltage
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	02/07/2020	10.28	07/07/2020	21.29	EO	SF6 Gas Leakage.
Karad - Jaigad - II	IntraState	03/07/2020	20.35		Continued.	HT	Over Voltage
Koradi-Bhusawal	IntraState	04/07/2020	20.04	08/07/2020	06.42	T	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		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	06/07/2020	22.14	07/07/2020	09.23	HT	Over Voltage
Dhule- Bableswhar - I	IntraState	07/07/2020	00.27	07/07/2020	10.03	T	Over Voltage
New Koyna - Dabhol - II	IntraState	07/07/2020	09.40	07/07/2020	19.17	PO	Routine Maintenance Work
N.Koyna-Karad -Ckt I	IntraState	07/07/2020	10.40		Continued.	EO	TBC CB hydraulic oil pump leakage.
Kala Kudus Ckt-I	IntraState	07/07/2020	11.03	07/07/2020	15.01	PO	AMP works.Dia to be kept opened at both ends. CKT-2 to be kept in Non Auto mode.
Bableswhar- Aurangabad (Waluj)	IntraState	07/07/2020	11.06	07/07/2020	18.04	PO	Line Maintenance work
Dhule- Bableswhar - I	IntraState	07/07/2020	18.14		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	07/07/2020	23.28		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		Continued.	PO	LV Side Over Voltage.
400/220kv 315MVA ICT-III @ Kharghar	IntraState	07/07/2020	21.05		Continued.	T	PRV operated
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)
Borivali - Tarapur	InterState	05/07/2020	13.53		Continued.	T	Distance Protection
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
EKLAHRE (GCR)Nashik-Airoli Knowledge Park	IntraState	02/07/2020	08.19	07/07/2020	15.59	PO	Stringing of conductor between olt Tower to new CTT tower at both ends and connection of jumper to cable termination kit
Sonkhar - Trombay	IntraState	06/07/2020	12.45		Continued.	T	Distance Protection
Pedambe-Nerle	IntraState	07/07/2020	08.10	07/07/2020	15.42	PO	For attending badly damaged Y ph CT to gantry conductor.
Chakan-Bhosari	IntraState	07/07/2020	09.20	07/07/2020	14.06	PO	Attending Hot Spot
Mururd - Tuljapur	IntraState	07/07/2020	11.16	07/07/2020	17.18	PO	Quarterly Maintainance Work
Solapur(Bale) - Tuljapur	IntraState	07/07/2020	11.16	07/07/2020	17.18	PO	Quarterly Maintainance Work
220 KV ICT Outages/Trippings							
220/132 KV 100MVA ICT-I @	IntraState	13/06/2020	01.24		Continued.	T	Differential protection & main

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/Jul/2020

Statement-VII

Position as on 6.30 Hrs of 08/Jul/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Shivajinagar							Buchholz trip.