

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Jul/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	98.694	749.018	1) Gujrat	5.950	36.871
2) Hydro	6.365	58.076	2) Madhya Pradesh	11.960	78.959
3) Gas	2.772	23.659	3) Chattisgarh	5.560	40.410
Total MSPGCL	107.831	830.753	4) Maharashtra	116.644	933.021
B) 1) APMIL	28.231	221.295	5) Goa (Amona)	-0.330	-1.892
2) JSWEL	16.961	136.478	Total	139.784	1087.369
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.880	204.950
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	25.956	197.597
5) WPCL	7.435	40.031	c) MSEDCL Bilateral *	40.710	264.934
6) Other IPP	7.267	56.025	Include PX	8.246	47.115
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.880	204.950
C) 1) TPCL Thermal	7.200	61.072	Include PX	14.531	132.777
2) TPCL Hydro	4.566	35.199	Standby	0.000	0.000
3) TPCL Gas	4.182	31.747	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.527	37.972	1) MSEDCL	319.285	2541.284
D) STATE			2) Mumbai Discoms	46.431	363.587
1) Thermal	170.315	1301.891	TOTAL STATE	365.716	2904.871
(A1+C1+C4+(B1-B6))					
2) Hydro	10.931	93.275			
(A2+C2)					
3) Gas	6.954	55.406			
(A3+B7+C3)					
4) Wind	31.699	322.978			
6) SOLAR	6.033	43.952			
TOTAL STATE	225.932	1817.502			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 2 Hrs
MSPGCL Thermal	4219	3974	4311	4046
MSPGCL Hydro	376	220	343	150
MSPGCL Gas	115	115	116	115
MSPGCL Total Generation	4710	4309	4770	4311
Central Sector Receipt	6892	5864	5708	5158
WIND	1005	2149	1431	1094
CPP / IPP Thermal	2628	2418	2640	2166
CPP / IPP Gas	0	0	0	0
SOLAR	644	524	0	0
Exchange with Mumbai	-1174	-1236	-1023	-984
MSEDCL DEMAND MET	14705	14028	13526	11745
Load Shedding	0	0	0	0
MSEDCL DEMAND	14705	14028	13526	11745
TPCL GENERATION	740	748	759	520
AEML GENERATION	188	188	189	188
MUMBAI DEMAND	2102	2172	1971	1692
STATE DEMAND MET	16807	16200	15497	13437
STATE DEMAND	16807	16200	15497	13437
Frequency (Hz)	50.02	50.01	49.96	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 13.01 Hrs	49.76 Hz at 22.12 Hrs	49.98	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 08/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	11.28	83.71	536	457
Unit 10	10.66	80.27	463	410
Total	21.94	163.98		
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	0.87	18.72	166	0
Unit 4	3.77	27.78	160	143
Unit 5	8.47	71.78	380	300
Unit 6	8.94	49.15	420	355
Unit 7	8.87	73.29	396	360
Unit 8	9.08	76.40	435	360
Unit 9	9.33	48.20	460	354
Total	49.34	365.32		
Paras				
Unit 3	4.22	36.80	200	120
Unit 4	4.51	38.78	212	120
Total	8.73	75.58		
Khaparkheda				
Unit 1	3.80	28.24	165	155
Unit 2	0.00	0.00	0	0
Unit 3	1.74	28.60	160	0
Unit 4	4.02	32.75	190	160
Unit 5	9.13	54.55	440	360
Total	18.69	144.13		
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	2.77	23.66	118	114
Total	2.77	23.66		
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)	0.20	0.74	47	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.20	0.74		
Koyna				
Stage 1-2	2.18	22.40	350	40
Stage 4	0.00	7.69	0	0
Stage 3	1.51	11.67	160	0
Total	3.69	41.76		
Hydro				
KDPH	0.62	5.38	31	0
VTRNA	0.00	0.00	0	0
TILLARI	1.31	6.24	62	40
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.40	2.43	40	0
RNGR+BHTSA	0.00	0.63	0	0
BHANDARDRA	0.11	0.37	20	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.23	1.27	18	7
GHATGHAR	0.00	0.00	0	0
Total	2.67	16.31		
Wind				
Total	31.70	322.98	0	0
Total	31.70	322.98		
CPP				
APML(Mus)	28.23	221.30	0	0
JSWEL(Mus)	16.96	136.48	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.44	40.03	0	0
Other(Mus)	7.27	56.02	0	0
Total	59.89	453.83		
SOLAR				
Total	6.03	43.95	0	0
Total	6.03	43.95		
Tata				
Trombay 5	7.20	61.07	302	297
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.65	19.94	117	95
Trombay 7B	1.53	11.80	66	59
Trombay 8	0.00	0.00	0	0
TATA Hydro	4.57	35.20	340	18
Total	15.95	128.02		
AEML				
DTPS U-1&2	4.53	37.97	190	188
Total	4.53	37.97		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	98.69	749.02	MSPGCL Total	107.83	830.75
			MSPGCL Thml+Gas	101.47	772.68	Koyna 1,2 & 4 Total	2.18	30.10
			MSPGCL Hydro	6.36	58.08	State Total	225.93	1817.50

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/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	4014	128	115	4257	1176	2346	0	0	5481	5289	-1056	12012	0	12012	1785	13797	50.00
2	4046	150	115	4311	1094	2166	0	0	5065	5158	-984	11745	0	11745	1692	13437	49.96
3	4070	430	114	4614	997	2184	0	0	4769	5110	-916	11989	0	11989	1624	13613	49.96
4	4069	267	116	4452	1061	2478	0	0	4543	4782	-878	11895	0	11895	1577	13472	49.99
5	4060	148	115	4323	1217	2643	0	0	5133	5070	-890	12363	0	12363	1552	13915	50.00
6	4066	135	115	4316	1124	2638	0	0	5790	5760	-900	12938	0	12938	1581	14519	49.99
7	4083	150	116	4349	1031	2547	0	40	6804	6883	-876	13974	0	13974	1591	15565	49.93
8	4010	170	116	4296	896	2513	0	221	6993	7126	-945	14107	0	14107	1687	15794	49.98
9	4138	387	116	4641	892	2552	0	480	6704	6929	-1035	14459	0	14459	1881	16340	50.00
10	4219	376	115	4710	1005	2628	0	644	6567	6892	-1174	14705	0	14705	2102	16807	50.02
11	4110	375	114	4599	1153	2610	0	638	6593	6434	-1270	14164	0	14164	2244	16408	50.04
12	3922	289	114	4325	1265	2536	0	765	6576	6696	-1295	14292	0	14292	2307	16599	49.99
13	3926	275	114	4315	1404	2525	0	701	6309	6186	-1315	13816	0	13816	2288	16104	50.03
14	3896	204	114	4214	1774	2386	0	773	6192	5957	-1298	13806	0	13806	2251	16057	50.05
15	3965	230	116	4311	1851	2167	0	657	6010	6204	-1274	13916	0	13916	2237	16153	50.02
16	3974	220	115	4309	2149	2418	0	524	5760	5864	-1236	14028	0	14028	2172	16200	50.01
17	3980	190	117	4287	2041	2474	0	351	5525	5383	-1162	13374	0	13374	2079	15453	50.00
18	3975	214	117	4306	2021	2241	0	195	5480	5186	-1116	12833	0	12833	1986	14819	50.02
19	4096	304	115	4515	1790	2253	0	44	5224	5528	-1018	13112	0	13112	1924	15036	49.91
20	4311	343	116	4770	1431	2640	0	0	5473	5708	-1023	13526	0	13526	1971	15497	49.96
21	4442	394	117	4953	1251	2688	0	0	5629	5653	-1104	13441	0	13441	2005	15446	49.93
22	4496	298	116	4910	1166	2742	0	0	5515	5553	-1050	13321	0	13321	1973	15294	49.92
23	4441	364	116	4921	1019	2743	0	0	5304	5129	-1071	12741	0	12741	1987	14728	49.89
24	4385	324	118	4827	891	2776	0	0	5161	5304	-1070	12728	0	12728	1935	14663	50.00
MUs	98.69	6.37	2.77	107.83	31.70	59.89	0.00	6.03	138.60	139.78	-25.96	319.29	0.00	319.29	46.43	365.72	49.98

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 08/Jul/2020

Position as on 6.30 Hrs of 09/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 08/Jul/2020

Position as on 6.30 Hrs of 09/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 3	210	05/07/2020	20.43	08/07/2020	14.23	Furnace Pressure High	
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 08/Jul/2020

Statement-VII

Position as on 6.30 Hrs of 09/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
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
N.Koyna-Karad -Ckt I	IntraState	07/07/2020	10.40	08/07/2020	09.12	EO	TBC CB hydraulic oil pump leakage.
Dhule- Bableshtar - I	IntraState	07/07/2020	18.14		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	07/07/2020	23.28	08/07/2020	09.19	HT	Over Voltage
Solapur - Parli(PG) I	IntraState	08/07/2020	09.17	08/07/2020	13.41	PO	Reactor Backup Relay Testing & Bay Maintenance.
Koradi III(Adani)-Koradi II ckt 2	IntraState	08/07/2020	09.19	08/07/2020	18.52	PO	Line Hardware Fixing and Tightening Work.
Nagothane - Dabhol I	IntraState	08/07/2020	10.15		Continued.	PO	Routine Maintenance Work. (RFC -DT.08.07.2020.22:01hrs)
Lonikand I - Koyna stage-IV	IntraState	08/07/2020	23.31		Continued.	HT	Over Voltage
Koradi-Bhusawal	IntraState	09/07/2020	00.03		Continued.	T	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	08/07/2020	10.09	T	PRV operated
400/15.75kv 240MVA GT-VII @ Koradi	IntraState	08/07/2020	10.14	08/07/2020	14.45	PO	CVT Testing.
400/220/33 Kv 315 MVA ICT-II @Aurangabad (Waluj)	IntraState	08/07/2020	10.21	08/07/2020	19.18	PO	WTI OTI Replacement Work.
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	08/07/2020	20.41	T	Distance Protection
Mahalakshmi Amona	InterState	08/07/2020	10.30	08/07/2020	17.48	PO	Quarterly Maintenance Work
Solapur (Pg) South Solapur I	InterState	08/07/2020	12.12	08/07/2020	15.04	PO	Quarterly Maintenance Work
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Sonkhar - Trombay	IntraState	06/07/2020	12.45	08/07/2020	17.31	T	Distance Protection
Jejuri-Phursungi ckt-2	IntraState	08/07/2020	09.32	08/07/2020	16.20	EO	String Replacement Work.
Lonand-Baramati	IntraState	08/07/2020	09.45	08/07/2020	12.12	PO	Replacement of Flashover Suspension String at LOC No.96.
Lamboti(solapur)-Karkamb	IntraState	08/07/2020	10.29	08/07/2020	16.20	PO	Quarterly Maintenance Work
Osmanabad - Barshi	IntraState	08/07/2020	12.23	08/07/2020	21.14	PO	Routine Relay Testing Work.
220KV Sawangi- Bhokardan	IntraState	08/07/2020	18.55	08/07/2020	19.11	T	Distance Protection
Sawantwadi-Bidri	IntraState	08/07/2020	21.10		Continued.	HT	Over Voltage

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 08/Jul/2020

Statement-VII

Position as on 6.30 Hrs of 09/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.
220/100 kV 200 MVA ICT-II @Kalwa	IntraState	08/07/2020	11.30	08/07/2020	16.12	PO	DT Leakage In CTR Panel.
220/100 Kv 200 Mva Vijai Ict 3 @Padghe	IntraState	08/07/2020	12.30	08/07/2020	12.38	EO	Shifting ICT 3 From B-Bus to A- Bus for Load.