

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Jul/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	95.307	95.307	1) Gujrat	8.610	8.610
2) Hydro	5.233	5.233	2) Madhya Pradesh	11.172	11.172
3) Gas	3.204	3.204	3) Chattisgarh	7.260	7.260
Total MSPGCL	103.744	103.744	4) Maharashtra	132.523	132.523
B) 1) APLM	28.043	28.043	5) Goa (Amona)	-0.418	-0.418
2) JSWEL	16.965	16.965	Total	159.147	159.147
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.932	26.932
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	27.906	27.906
5) WPCL	2.670	2.670	c) MSEDCL Bilateral *	34.451	34.451
6) Other IPP	6.941	6.941	Include PX	16.013	16.013
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.932	26.932
C) 1) TPCL Thermal	7.493	7.493	Include PX	20.440	20.440
2) TPCL Hydro	4.234	4.234	Standby	0.000	0.000
3) TPCL Gas	4.317	4.317	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.592	4.592	1) MSEDCL	321.597	321.597
D) STATE			2) Mumbai Discoms	48.542	48.542
1) Thermal	162.011	162.011	TOTAL STATE	370.139	370.139
(A1+C1+C4+(B1-B6))					
2) Hydro	9.467	9.467			
(A2+C2)					
3) Gas	7.521	7.521			
(A3+B7+C3)					
4) Wind	25.807	25.807			
6) SOLAR	6.186	6.186			
TOTAL STATE	210.992	210.992			

* 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 16 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3801	3946	4333	3874
MSPGCL Hydro	275	151	640	88
MSPGCL Gas	128	128	130	132
MSPGCL Total Generation	4204	4225	5103	4094
Central Sector Receipt	7557	6846	5729	5940
WIND	680	1344	1568	714
CPP / IPP Thermal	2189	2280	2293	2404
CPP / IPP Gas	0	0	0	0
SOLAR	780	511	0	0
Exchange with Mumbai	-1581	-1116	-885	-1043
MSEDCL DEMAND MET	13829	14090	13808	12109
Load Shedding	0	0	0	0
MSEDCL DEMAND	13829	14090	13808	12109
TPCL GENERATION	538	912	986	523
AEML GENERATION	189	189	222	189
MUMBAI DEMAND	2308	2217	2093	1755
STATE DEMAND MET	16137	16307	15901	13864
STATE DEMAND	16137	16307	15901	13864
Frequency (Hz)	49.95	50.01	49.98	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 08.00 Hrs	49.78 Hz at 01.08 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 01/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	11.03	11.03	495	430
Unit 10	10.09	10.09	480	350
Total	21.12	21.12		
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	4.09	4.09	185	163
Unit 4	3.88	3.88	166	160
Unit 5	9.01	9.01	400	365
Unit 6	9.16	9.16	425	349
Unit 7	8.93	8.93	400	360
Unit 8	9.37	9.37	440	360
Unit 9	9.40	9.40	455	357
Total	53.85	53.85		
Paras				
Unit 3	4.37	4.37	210	125
Unit 4	4.80	4.80	237	190
Total	9.17	9.17		
Khaparkheda				
Unit 1	3.70	3.70	160	135
Unit 2	0.00	0.00	0	0
Unit 3	3.40	3.40	175	100
Unit 4	4.07	4.07	190	160
Unit 5	0.00	0.00	0	0
Total	11.17	11.17		
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	3.20	3.20	143	127
Total	3.20	3.20		
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)	0.10	0.10	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.10	0.10		
Koyna				
Stage 1-2	2.02	2.02	305	40
Stage 4	0.19	0.19	192	0
Stage 3	0.85	0.85	148	0
Total	3.06	3.06		
Hydro				
KDPH	0.67	0.67	28	28
VTRNA	0.00	0.00	0	0
TILLARI	0.72	0.72	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.27	0.27	40	0
RNGR+BHTSA	0.25	0.25	11	10
BHANDARDRA	0.20	0.20	30	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.07	0.07	12	0
GHATGHAR	0.00	0.00	0	0
Total	2.17	2.17		
Wind				
Total	25.81	25.81	0	0
Total	25.81	25.81		
CPP				
APML(Mus)	28.04	28.04	0	0
JSWEL(Mus)	16.96	16.96	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.67	2.67	0	0
Other(Mus)	6.94	6.94	0	0
Total	54.62	54.62		
SOLAR				
Total	6.19	6.19	0	0
Total	6.19	6.19		
Tata				
Trombay 5	7.49	7.49	360	288
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	2.76	117	113
Trombay 7B	1.56	1.56	66	64
Trombay 8	0.00	0.00	0	0
TATA Hydro	4.23	4.23	447	24
Total	16.04	16.04		
AEML				
DTPS U-1&2	4.59	4.59	222	189
Total	4.59	4.59		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	95.31	95.31	MSPGCL Total	103.74	103.74
			MSPGCL Thml+Gas	98.51	98.51	Koyna 1,2 & 4 Total	2.22	2.22
			MSPGCL Hydro	5.23	5.23	State Total	210.99	210.99

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/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	3886	373	131	4390	796	2410	0	0	6140	6224	-1145	12675	0	12675	2079	14754	49.94
2	3868	283	131	4282	888	2434	0	0	6131	6055	-1161	12498	0	12498	1927	14425	49.93
3	3847	161	141	4149	830	2426	0	0	6142	5993	-1098	12300	0	12300	1825	14125	49.89
4	3874	88	132	4094	714	2404	0	0	6161	5940	-1043	12109	0	12109	1755	13864	49.97
5	4004	99	142	4245	694	2409	0	0	6126	6134	-1002	12480	0	12480	1706	14186	49.97
6	4202	96	133	4431	491	2439	0	0	6777	6726	-936	13151	0	13151	1704	14855	50.02
7	4186	129	132	4447	482	2411	0	39	7314	7330	-870	13839	0	13839	1680	15519	50.00
8	4192	154	141	4487	527	2397	0	213	7536	7355	-963	14016	0	14016	1752	15768	50.01
9	3988	186	131	4305	678	2322	0	446	7649	7491	-1117	14125	0	14125	1920	16045	50.01
10	3824	214	130	4168	843	2210	0	594	7516	7507	-1318	14004	0	14004	2115	16119	50.03
11	3777	220	138	4135	841	2137	0	766	7519	7449	-1481	13847	0	13847	2264	16111	49.97
12	3801	275	128	4204	680	2189	0	780	7550	7557	-1581	13829	0	13829	2308	16137	49.95
13	3873	191	127	4191	731	2280	0	813	7532	7392	-1558	13849	0	13849	2268	16117	50.01
14	3755	166	128	4049	764	2239	0	757	7536	7518	-1529	13798	0	13798	2231	16029	50.00
15	3833	186	138	4157	818	2245	0	734	7326	7251	-1319	13886	0	13886	2244	16130	49.97
16	3946	151	128	4225	1344	2280	0	511	7329	6846	-1116	14090	0	14090	2217	16307	50.01
17	3757	141	129	4027	1803	1944	0	352	7204	6883	-1108	13901	0	13901	2155	16056	50.03
18	3815	213	139	4167	1905	1916	0	142	6448	6364	-1224	13270	0	13270	2047	15317	50.05
19	3885	177	129	4191	1726	1912	0	39	6475	6236	-1161	12943	0	12943	1966	14909	50.02
20	3980	401	129	4510	1567	2025	0	0	6760	6460	-1102	13460	0	13460	2012	15472	49.94
21	4333	640	130	5103	1568	2293	0	0	6062	5729	-885	13808	0	13808	2093	15901	49.98
22	4331	236	142	4709	1654	2446	0	0	5761	5548	-955	13402	0	13402	2079	15481	49.96
23	4227	259	132	4618	1742	2466	0	0	5608	5523	-1096	13253	0	13253	2097	15350	49.94
24	4123	194	143	4460	1721	2385	0	0	5743	5636	-1138	13064	0	13064	2098	15162	49.97
MUs	95.31	5.23	3.20	103.74	25.81	54.62	0.00	6.19	162.34	159.15	-27.91	321.60	0.00	321.60	48.54	370.14	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 01/Jul/2020

Position as on 6.30 Hrs of 02/Jul/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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.	
CPP	SWPGL U-3	135	25/04/2020	00.08		Continued.	No 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 To Zero schedule w.e.f 03.06.2020 01.28)	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 01/Jul/2020

Position as on 6.30 Hrs of 02/Jul/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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.	
IPP	SWPGL U-2	135	29/06/2020	12.00		Continued.	ID Fan Problem	
MSPGCL	Khaparkheda Unit 5	500	30/06/2020	02.40		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 9	660	02/07/2020	01.13	02/07/2020	06.39	Generator transformer neutral bushing hot spot.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 01/Jul/2020

Statement-VII

Position as on 6.30 Hrs of 02/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
Kolhapur(M)-Kolhapur(GIS) ckt1	InterState	02/07/2020	06.20		Continued.	HT	Over Voltage Relay malfunction.
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
karad -kolhapur-II	IntraState	25/06/2020	19.26		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	26/06/2020	16.47		Continued.	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	29/06/2020	19.38		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	30/06/2020	18.54		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	01/07/2020	03.46	01/07/2020	10.23	T	Over Voltage
Chandrapur-Parali III	IntraState	01/07/2020	11.32		Continued.	EO	New CB commssioning work(RFC 20:40Hrs 01/07/2020)
Padghe - Kalwa- I	IntraState	02/07/2020	00.11		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-III @Kalwa	IntraState	30/06/2020	04.33	01/07/2020	10.28	HT	Over Voltage
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)
Halkarni-Mahalaxmi line	IntraState	01/07/2020	10.24	01/07/2020	15.53	EO	For Replacement of disc Insulator at loc.322.
Phursungi-Parvati	IntraState	01/07/2020	10.57	01/07/2020	14.30	EO	R PH CT Dropper Replacement.
220KV Sawangi- Bhokardan	IntraState	01/07/2020	11.58	01/07/2020	15.24	PO	Attending Hot Spot
Butibori - Purti	IntraState	01/07/2020	12.16	01/07/2020	14.43	PO	Distance relay Testing work at Purti end.
Phulambri-Bhokardan	IntraState	01/07/2020	15.34	01/07/2020	16.48	PO	Attending Hot Spot
Kandalgaon - Bhira	IntraState	01/07/2020	18.05	01/07/2020	18.50	T	Y PH PT Burst at Bhira end.
Sawantwadi-Bidri	IntraState	02/07/2020	00.00		Continued.	HT	Over Voltage
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.

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage