

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 20/Aug/2020 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	78.142	1957.584	1) Gujrat	1.310	8.743
2) Hydro	11.580	154.664	2) Madhya Pradesh	7.829	122.034
3) Gas	2.732	89.373	3) Chattisgarh	5.260	91.090
Total MSPGCL	92.454	2201.621	4) Maharashtra	117.183	2157.308
B) 1) APLM	30.100	547.367	5) Goa (Amona)	-1.789	-34.123
2) JSWEL	16.156	316.665	Total	129.793	2345.052
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.038	490.800
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.290	484.005
5) WPCL	2.646	105.759	c) MSEDCL Bilateral *	38.648	601.897
6) Other IPP	7.907	156.495	Include PX	9.444	76.890
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.038	490.800
C) 1) TPCL Thermal	8.591	154.819	Include PX	14.018	290.303
2) TPCL Hydro	7.170	71.208	Standby	0.000	0.000
3) TPCL Gas	2.688	80.713	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.169	96.217	1) MSEDCL	305.555	6204.990
D) STATE			2) Mumbai Discoms	45.913	886.963
1) Thermal	148.711	3334.906	TOTAL STATE	351.468	7091.953
(A1+C1+C4+(B1-B6))					
2) Hydro	18.750	225.872			
(A2+C2)					
3) Gas	5.420	170.086			
(A3+B7+C3)					
4) Wind	45.649	932.769			
6) SOLAR	3.140	83.267			
TOTAL STATE	221.670	4746.900			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	3380	3033	3357	3106
MSPGCL Hydro	556	263	1880	163
MSPGCL Gas	30	90	130	279
MSPGCL Total Generation	3966	3386	5367	3548
Central Sector Receipt	6992	5950	5298	4380
WIND	1928	2037	2033	1958
CPP / IPP Thermal	2467	2331	2526	1966
CPP / IPP Gas	0	0	0	0
SOLAR	290	479	0	0
Exchange with Mumbai	-1025	-1311	-853	-769
MSEDCL DEMAND MET	14618	12872	14371	11083
Load Shedding	0	0	0	0
MSEDCL DEMAND	14618	12872	14371	11083
TPCL GENERATION	872	776	942	599
AEML GENERATION	252	189	252	190
MUMBAI DEMAND	2149	2276	2047	1558
STATE DEMAND MET	16767	15148	16418	12641
STATE DEMAND	16767	15148	16418	12641
Frequency (Hz)	50.00	50.04	49.98	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 13:03 Hrs	49.78 Hz at 16:11 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 20/Aug/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	139.54	0	0
Unit 9	0.00	129.48	0	0
Unit 10	0.00	59.72	0	0
Total	0.00	328.74		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	75.70	0	0
Unit 5	9.48	140.55	435	355
Total	9.48	216.25		
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	29.00	0	0
Unit 4	1.82	69.99	160	0
Unit 5	8.02	169.60	360	305
Unit 6	8.28	136.44	365	290
Unit 7	0.00	44.52	0	0
Unit 8	10.16	152.56	455	360
Unit 9	9.93	189.64	450	350
Total	38.20	791.76		
Paras				
Unit 3	3.46	82.60	186	100
Unit 4	3.57	82.41	205	117
Total	7.03	165.01		
Khaparkheda				
Unit 1	2.96	64.92	145	100
Unit 2	3.96	65.72	180	150
Unit 3	3.33	62.00	160	130
Unit 4	3.27	73.72	155	128
Unit 5	9.92	189.46	450	360
Total	23.44	455.82		
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	2.73	89.37	280	0
Total	2.73	89.37		
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)	1.20	19.29	52	50

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.20	19.29		
Koyna				
Stage 1-2	3.14	50.34	520	40
Stage 4	2.29	17.22	1000	0
Stage 3	2.32	38.74	320	0
Total	7.76	106.30		
Hydro				
KDPH	0.86	4.69	36	35
VTRNA	0.00	0.00	0	0
TILLARI	0.61	14.44	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.45	7.49	40	0
RNGR+BHTSA	0.00	0.41	0	0
BHANDARDRA	0.34	4.63	15	14
ELDARY	0.51	2.91	22	20
SMLHY_PTN	1.05	13.81	44	43
GHATGHAR	0.00	0.00	0	0
Total	3.82	48.37		
Wind				
Total	45.65	932.77	0	0
Total	45.65	932.77		
CPP				
APML(Mus)	30.10	547.37	0	0
JSWEL(Mus)	16.16	316.66	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.65	105.76	0	0
Other(Mus)	7.91	156.50	0	0
Total	56.81	1126.29		
SOLAR				
Total	3.14	83.27	0	0
Total	3.14	83.27		
Tata				
Trombay 5	8.59	154.82	435	285
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.53	50.61	77	54
Trombay 7B	1.16	30.11	55	43
Trombay 8	0.00	0.00	0	0
TATA Hydro	7.17	71.21	387	133
Total	18.45	306.74		
AEML				
DTPS U-1&2	5.17	96.22	252	188
Total	5.17	96.22		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	78.14	1957.58	MSPGCL Total	92.45	2201.62
			MSPGCL Thml+Gas	80.87	2046.96	Koyna 1,2 & 4 Total	5.43	67.56
			MSPGCL Hydro	11.58	154.66	State Total	221.67	4746.90

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 20/Aug/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	3378	221	280	3879	1564	2349	0	0	4526	4557	-919	11430	0	11430	1733	13163	50.02
2	3212	154	269	3635	1769	2219	0	0	4606	4258	-819	11062	0	11062	1643	12705	50.02
3	3106	163	279	3548	1958	1966	0	0	4475	4380	-769	11083	0	11083	1558	12641	50.00
4	3179	179	145	3503	1878	1941	0	0	4338	4581	-740	11163	0	11163	1496	12659	49.98
5	3285	249	0	3534	1954	2210	0	0	4465	4739	-732	11705	0	11705	1488	13193	49.99
6	3296	214	0	3510	1943	2428	0	0	5060	5253	-727	12407	0	12407	1534	13941	50.02
7	3384	249	0	3633	1989	2457	0	15	5980	5954	-632	13416	0	13416	1585	15001	49.98
8	3371	254	0	3625	1892	2443	0	91	6826	6466	-765	13752	0	13752	1726	15478	49.96
9	3379	396	30	3805	1961	2453	0	183	7024	7014	-922	14494	0	14494	1933	16427	49.98
10	3380	556	30	3966	1928	2467	0	290	6893	6992	-1025	14618	0	14618	2149	16767	50.00
11	3335	528	50	3913	2080	2455	0	423	6726	6324	-1127	14068	0	14068	2290	16358	50.00
12	3293	318	80	3691	2056	2428	0	454	6368	6095	-1284	13440	0	13440	2306	15746	49.99
13	3033	263	90	3386	2037	2331	0	479	6046	5950	-1311	12872	0	12872	2276	15148	50.04
14	3004	250	80	3334	2082	2320	0	340	5652	5510	-1246	12340	0	12340	2206	14546	50.03
15	3159	265	130	3554	2141	2336	0	377	5381	5536	-1187	12757	0	12757	2157	14914	49.95
16	3199	303	150	3652	2045	2319	0	259	5536	5417	-1169	12523	0	12523	2124	14647	49.95
17	3234	396	130	3760	1953	2382	0	150	5464	5277	-1106	12416	0	12416	2065	14481	49.88
18	3286	472	130	3888	1908	2413	0	67	5782	5804	-1044	13036	0	13036	2042	15078	49.95
19	3377	1167	150	4694	1745	2446	0	12	5598	5496	-848	13545	0	13545	2013	15558	49.89
20	3357	1880	130	5367	2033	2526	0	0	5099	5298	-853	14371	0	14371	2047	16418	49.98
21	3280	1417	140	4837	1894	2506	0	0	4746	4737	-785	13189	0	13189	1974	15163	50.02
22	3250	829	140	4219	1728	2523	0	0	4887	4838	-762	12546	0	12546	1917	14463	50.01
23	3163	547	130	3840	1639	2459	0	0	4916	4813	-748	12003	0	12003	1850	13853	49.96
24	3202	310	169	3681	1472	2432	0	0	4814	4504	-770	11319	0	11319	1796	13115	49.97
MUs	78.14	11.58	2.73	92.45	45.65	56.81	0.00	3.14	131.21	129.79	-22.29	305.56	0.00	305.56	45.91	351.46	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 20/Aug/2020

Position as on 6.30 Hrs of 21/Aug/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
IPP	JSW (J) U4	300	20/08/2020	15.57		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)	
TPC_G	Trombay 8	250	11/04/2020	16.55		Continued.	Zero Schedule.	
IPP	JSW (J) U3	300	30/04/2020	15.13	20/08/2020	12.49	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	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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 20/Aug/2020

Position as on 6.30 Hrs of 21/Aug/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	
AEML	AEML Unit 1	250	27/06/2020	23.55		Continued.	Zero schedule.	
MSPGCL	Chandrapur Unit 7	500	06/08/2020	03.33		Continued.	Sparkling in generator R phase winding.	
MSPGCL	Chandrapur Unit 3	210	11/08/2020	10.00		Continued.	PA Fan problem	
CPP	SWPGL U-3	135	12/08/2020	00.45		Continued.	Zero Schedule by MSEDCL	
CPP	SWPGL U-4	135	12/08/2020	00.45		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Koradi Unit 10	660	13/08/2020	00.08		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 9	660	14/08/2020	12.28		Continued.	Zero schedule.	
MSPGCL	Koradi Unit-8	660	14/08/2020	13.07		Continued.	Zero schedule.	
MSPGCL	Bhusawal Unit 4	500	15/08/2020	02.21		Continued.	Zero Schedule	
MSPGCL	Uran Unit 6	108	20/08/2020	03.37	20/08/2020	08.24	R-Phase LA Burst	
MSPGCL	Uran Unit A0	120	20/08/2020	03.37	20/08/2020	14.07	R-Phase LA Burst U-5.	
MSPGCL	Uran Unit 5	108	20/08/2020	03.37	20/08/2020	23.47	R-Phase LA Burst	
MSPGCL	Chandrapur Unit 4	210	20/08/2020	13.19	21/08/2020	06.08	Turbine Problem	
MSPGCL	Uran Unit A0	120	21/08/2020	01.05	21/08/2020	04.39	Boiler protection	
MSPGCL	Uran Unit 6	108	21/08/2020	01.05	21/08/2020	05.07	CEP tripped	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 20/Aug/2020

Statement-VII

Position as on 6.30 Hrs of 21/Aug/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	30/07/2020	12.45		Continued.	HT	Over Voltage
Padghe - Boisar (PG)	InterState	15/08/2020	04.02		Continued.	T	Over Voltage
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	11/06/2020	10.40		Continued.	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	31/07/2020	19.27		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	07/08/2020	16.19		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	07/08/2020	23.23		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	13/08/2020	10.59		Continued.	EO	To attend CB problem
Koradi-Bhusawal	IntraState	14/08/2020	01.09		Continued.	T	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	15/08/2020	00.40		Continued.	T	Over Voltage
Akola II - RPL(Rattaniindia) Ckt I	IntraState	15/08/2020	11.39		Continued.	T	Over Voltage
Padghe - Kalwa- I	IntraState	19/08/2020	21.21	20/08/2020	08.21	HT	Over Voltage
karad -kolhapur-I	IntraState	19/08/2020	22.13		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	19/08/2020	22.14	20/08/2020	09.33	HT	Over Voltage
Lonikand 1 - Talegaon(Pgcil)	IntraState	20/08/2020	09.55	20/08/2020	21.03	PO	Line Maintenance work
Padghe - Kalwa- I	IntraState	20/08/2020	21.15		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	20/08/2020	22.19		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.
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/08/2020	09.58		Continued.	PO	Replacement Of Existing 315 MVA ICT By 3*167 MVA ICT.
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	19/08/2020	22.21		Continued.	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)
Kharghar-Borivali ckt II	IntraState	11/08/2020	08.45		Continued.	T	Cable Faulty
Theur-Phursungi	IntraState	14/08/2020	09.46		Continued.	HT	Outage arrangement HTLS work.
Theur- Magar Patta City	IntraState	14/08/2020	10.27		Continued.	HT	Outage arrangement HTLS work.
Lonikand1 (400 Kv)-Theur I	IntraState	14/08/2020	10.38		Continued.	PO	Replacement of Existing 0.4 DEER Conductor, hardware & Insulator to HTLS Conductor.
Ongc Uran - Jnpt	IntraState	14/08/2020	12.07		Continued.	PO	Removal of existing earthwire and string OPGW.
220 KV VIRODA - AMALNER	IntraState	20/08/2020	05.09	20/08/2020	06.05	T	Distance Protection
Pophli Pedhmbe Line- 1	IntraState	20/08/2020	08.50	20/08/2020	14.25	PO	To attend R Phase MB Isolator to Breaker damaged conductor
Lonikand2 - Bhosari1	IntraState	20/08/2020	09.27	20/08/2020	18.48	PO	Restranging work
Bhigwan-Baramat lagro	IntraState	20/08/2020	10.15	20/08/2020	12.00	EO	Replacement of Flashover string
Dasturi-Kandalgaon Line	IntraState	20/08/2020	10.52	20/08/2020	17.00	PO	Replacement of damaged jumper of Gantry to R Phase Wave Trap of line
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	20/08/2020	13.05		Continued.	PO	Erection of Tower due to Railway crossing
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	20/08/2020	13.06		Continued.	PO	Erection of Tower due to Railway crossing
Apta - Kalwa1	IntraState	20/08/2020	14.44	20/08/2020	16.22	EO	To attend Hot Spot

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 20/Aug/2020

Statement-VII

Position as on 6.30 Hrs of 21/Aug/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Mahad - Pedambe	IntraState	20/08/2020	15.05	20/08/2020	17.15	PO	CT Oil Top Jumper replacement