

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Aug/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	114.472	1326.624	1) Gujrat	1.243	7.001
2) Hydro	4.936	81.728	2) Madhya Pradesh	3.718	80.578
3) Gas	6.081	46.390	3) Chattisgarh	4.120	53.980
Total MSPGCL	125.489	1454.742	4) Maharashtra	93.684	1310.102
B) 1) APLM	24.097	328.727	5) Goa (Amona)	-1.746	-18.332
2) JSWEL	14.580	192.791	Total	101.019	1433.329
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.737	298.022
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	27.113	302.085
5) WPCL	2.419	86.007	c) MSEDCL Bilateral *	28.025	370.247
6) Other IPP	8.089	92.418	Include PX	1.110	39.346
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.737	298.022
C) 1) TPCL Thermal	7.248	92.953	Include PX	17.732	186.181
2) TPCL Hydro	1.756	27.228	Standby	0.000	0.000
3) TPCL Gas	4.350	51.834	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.536	57.581	1) MSEDCL	315.365	3848.810
D) STATE			2) Mumbai Discoms	45.003	531.676
1) Thermal	175.441	2177.101	TOTAL STATE	360.368	4380.486
(A1+C1+C4+(B1-B6))					
2) Hydro	6.692	108.956			
(A2+C2)					
3) Gas	10.431	98.224			
(A3+B7+C3)					
4) Wind	63.315	504.661			
6) SOLAR	3.470	58.220			
TOTAL STATE	259.349	2947.162			

* 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 4 Hrs
MSPGCL Thermal	4623	4817	4936	4619
MSPGCL Hydro	197	331	252	85
MSPGCL Gas	260	251	252	261
MSPGCL Total Generation	5080	5399	5440	4965
Central Sector Receipt	5731	4350	4250	3525
WIND	2736	2766	2971	2246
CPP / IPP Thermal	2114	1949	2453	1944
CPP / IPP Gas	0	0	0	0
SOLAR	404	455	0	0
Exchange with Mumbai	-1335	-1445	-1147	-858
MSEDCL DEMAND MET	14730	13474	13967	11822
Load Shedding	0	0	0	0
MSEDCL DEMAND	14730	13474	13967	11822
TPCL GENERATION	534	568	619	502
AEML GENERATION	189	189	189	189
MUMBAI DEMAND	2058	2202	1955	1549
STATE DEMAND MET	16788	15676	15922	13371
STATE DEMAND	16788	15676	15922	13371
Frequency (Hz)	50.02	49.97	50.05	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 10.35 Hrs	49.83 Hz at 16.52 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 12/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	10.57	123.55	465	373
Unit 9	8.36	115.22	403	290
Unit 10	8.98	59.70	440	303
Total	27.90	298.47		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.63	56.46	360	355
Unit 5	8.62	66.96	370	355
Total	17.25	123.43		
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	3.70	42.24	159	137
Unit 5	8.61	106.64	375	320
Unit 6	8.68	107.60	405	327
Unit 7	0.00	44.52	0	0
Unit 8	9.18	77.13	450	360
Unit 9	9.17	114.74	450	360
Total	39.34	521.87		
Paras				
Unit 3	4.12	53.54	186	165
Unit 4	4.51	52.40	199	171
Total	8.63	105.94		
Khaparkheda				
Unit 1	2.91	40.32	150	70
Unit 2	2.98	38.54	150	85
Unit 3	3.34	37.12	160	108
Unit 4	3.35	46.45	160	120
Unit 5	8.78	114.48	390	360
Total	21.35	276.92		
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	6.08	46.39	262	250
Total	6.08	46.39		
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)	0.99	10.64	44	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.99	10.64		
Koyna				
Stage 1-2	1.56	29.47	245	35
Stage 4	0.23	12.09	229	0
Stage 3	0.80	20.80	138	0
Total	2.59	62.36		
Hydro				
KDPH	0.00	0.70	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.65	7.43	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.33	3.94	40	0
RNGR+BHTSA	0.00	0.20	0	0
BHANDARDRA	0.11	1.05	16	0
ELDARY	0.35	0.35	20	12
SMLHY_PTN	0.91	5.69	38	37
GHATGHAR	0.00	0.00	0	0
Total	2.34	19.36		
Wind				
Total	63.32	504.66	0	0
Total	63.32	504.66		
CPP				
APML(Mus)	24.10	328.73	0	0
JSWEL(Mus)	14.58	192.79	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.42	86.01	0	0
Other(Mus)	8.09	92.42	0	0
Total	49.18	699.94		
SOLAR				
Total	3.47	58.22	0	0
Total	3.47	58.22		
Tata				
Trombay 5	7.25	92.95	313	281
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.77	32.97	117	106
Trombay 7B	1.58	18.86	67	64
Trombay 8	0.00	0.00	0	0
TATA Hydro	1.76	27.23	156	9
Total	13.35	172.02		
AEML				
DTPS U-1&2	4.54	57.58	190	188
Total	4.54	57.58		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	114.47	1326.62	MSPGCL Total	125.49	1454.74
			MSPGCL Thml+Gas	120.55	1373.01	Koyna 1,2 & 4 Total	1.79	41.56
			MSPGCL Hydro	4.94	81.73	State Total	259.35	2947.16

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/Aug/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	4672	155	250	5077	2243	2025	0	0	3655	3406	-985	11766	0	11766	1788	13554	50.03
2	4645	90	251	4986	2262	1942	0	0	3646	3561	-926	11825	0	11825	1687	13512	50.02
3	4633	95	251	4979	2257	1942	0	0	3553	3568	-924	11822	0	11822	1613	13435	50.01
4	4619	85	261	4965	2246	1944	0	0	3716	3525	-858	11822	0	11822	1549	13371	49.98
5	4637	100	251	4988	2157	1924	0	0	3840	3811	-834	12046	0	12046	1525	13571	49.98
6	4605	85	250	4940	2221	1971	0	0	4267	4469	-857	12744	0	12744	1549	14293	50.03
7	4732	165	251	5148	2325	2256	0	15	5161	5143	-850	14037	0	14037	1583	15620	50.01
8	4832	95	250	5177	2454	2324	0	125	5865	5602	-942	14740	0	14740	1691	16431	50.00
9	4681	129	250	5060	2505	2291	0	252	5832	5837	-1130	14815	0	14815	1860	16675	49.98
10	4623	197	260	5080	2736	2114	0	404	5801	5731	-1335	14730	0	14730	2058	16788	50.02
11	4679	271	250	5200	2745	1978	0	426	5502	5469	-1392	14426	0	14426	2205	16631	50.03
12	4734	342	251	5327	2818	1928	0	557	5236	4769	-1441	13958	0	13958	2247	16205	50.01
13	4817	331	251	5399	2766	1949	0	455	4730	4350	-1445	13474	0	13474	2202	15676	49.97
14	4745	211	251	5207	3060	1923	0	400	4310	3977	-1410	13157	0	13157	2132	15289	50.01
15	4806	185	262	5253	3075	1922	0	324	4126	3710	-1319	12965	0	12965	2068	15033	50.00
16	4858	190	251	5299	3308	1925	0	275	4262	3716	-1229	13294	0	13294	2001	15295	49.96
17	4830	297	251	5378	2945	1939	0	152	3831	3479	-1172	12721	0	12721	1960	14681	49.91
18	4691	596	262	5549	2903	1994	0	72	3886	4217	-1239	13496	0	13496	1924	15420	49.96
19	4740	208	261	5209	2849	2155	0	13	4681	4592	-1265	13553	0	13553	1936	15489	49.96
20	4936	252	252	5440	2971	2453	0	0	4672	4250	-1147	13967	0	13967	1955	15922	50.05
21	5033	188	251	5472	2854	2179	0	0	4459	3731	-1130	13106	0	13106	1935	15041	50.03
22	5029	303	251	5583	2690	2122	0	0	3590	3474	-1054	12815	0	12815	1884	14699	50.03
23	5039	189	261	5489	2511	1991	0	0	3397	3421	-1107	12305	0	12305	1839	14144	49.98
24	4856	177	251	5284	2414	1994	0	0	3325	3211	-1122	11781	0	11781	1812	13593	50.00
MUs	114.47	4.94	6.08	125.49	63.32	49.18	0.00	3.47	105.34	101.02	-27.11	315.37	0.00	315.37	45.00	360.37	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 12/Aug/2020

Position as on 6.30 Hrs of 13/Aug/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 Unit 3	70	16/07/2020	08.55		Continued.	Service Seal Leakage	
MSPGCL	Koyna STG-IV Unit-3	250	03/08/2020	09.27		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 7	500	12/08/2020	09.54	12/08/2020	16.33	Diagnostic testing work.	
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)	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 12/Aug/2020

Position as on 6.30 Hrs of 13/Aug/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	
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 Rphase 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	Chandrapur Unit 6	500	13/08/2020	01.00		Continued.	Due to GTR-6 oil filtration work.(BDV less & water content high)	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Aug/2020

Statement-VII

Position as on 6.30 Hrs of 13/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
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	11/06/2020	10.40		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	29/07/2020	18.11		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
karad -kolhapur-I	IntraState	11/08/2020	21.11		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	11/08/2020	21.28		Continued.	HT	Over Voltage
Akola II - RPL(Rattaniindia) Ckt I	IntraState	12/08/2020	01.28	12/08/2020	08.10	HT	Over Voltage
koaradi II - Wardha(PG)	IntraState	12/08/2020	15.51	12/08/2020	16.34	T	Tripped at Koradi-2 end only.
Padghe - Kalwa- I	IntraState	12/08/2020	20.07		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	12/08/2020	20.14		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	12/08/2020	23.33		Continued.	HT	Over Voltage
Chandrapur-II - Nanded ckt I	IntraState	13/08/2020	02.28		Continued.	T	Over Voltage
Kalwa - Talegaon(PG)	IntraState	13/08/2020	03.19		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.
400/220kv 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 III @ Jejuri	IntraState	12/08/2020	00.12	12/08/2020	06.47	HT	Over Voltage
400/220kv, 500 Mva ICT-1 @Deepnagar	IntraState	12/08/2020	09.24	12/08/2020	18.27	PO	CTR fire survival cable & fire detector replacement work by M/s CTR Pune engineer.
400/220 kv 500 MVA ICT III @ Jejuri	IntraState	13/08/2020	00.08		Continued.	HT	Over Voltage
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	13/08/2020	03.25		Continued.	HT	LV side hand trip for 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)
BADNERA - WARDHA (PG) (Deoli)	InterState	12/08/2020	11.26	12/08/2020	18.41	EO	Replacement of faulty disc insulators.
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
Pirangut - Hinjawadi 2	IntraState	12/08/2020	08.30	12/08/2020	10.30	PO	Tower Loc no 130 Rph polymer insulator replacement work due to flashover.
Khaparkheda-Ambazari-Ii	IntraState	12/08/2020	10.06	12/08/2020	11.48	PO	Attending Hot Spot
Sahara-Urse	IntraState	12/08/2020	10.51	12/08/2020	14.37	PO	Load management.
Urse - Talegaon (Ambi) Ckt 1	IntraState	12/08/2020	11.22	12/08/2020	14.35	EO	Replacement of faulty disc insulator strings at Loc.16.
Deoli(Pgcil)-Badnera	IntraState	12/08/2020	11.26	12/08/2020	18.41	PO	Routine Maintenance Work
Ambazari-Kalmeshwar	IntraState	12/08/2020	11.57	12/08/2020	14.16	PO	Attending Hot Spot
Boisar(M) - Ghodbunder I	IntraState	12/08/2020	15.07	12/08/2020	18.59	T	Distance Protection
Shivajinagar-Gangapur	IntraState	12/08/2020	17.09		Continued.	T	Distance Protection

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