

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Aug/2020 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	72.958	1723.151	1) Gujrat	-0.285	4.408
2) Hydro	9.422	123.569	2) Madhya Pradesh	4.207	102.912
3) Gas	6.700	73.183	3) Chattisgarh	4.740	76.270
Total MSPGCL	89.080	1919.903	4) Maharashtra	114.131	1802.103
B) 1) APLM	26.738	459.388	5) Goa (Amona)	-2.007	-28.134
2) JSWEL	14.054	268.578	Total	120.786	1957.559
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.868	418.256
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.515	417.639
5) WPCL	2.469	98.032	c) MSEDCL Bilateral *	24.486	504.243
6) Other IPP	8.144	133.071	Include PX	7.266	47.435
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.868	418.256
C) 1) TPCL Thermal	7.691	130.192	Include PX	12.756	251.344
2) TPCL Hydro	6.566	49.643	Standby	0.000	0.000
3) TPCL Gas	3.656	70.911	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.875	81.191	1) MSEDCL	296.070	5288.727
D) STATE			2) Mumbai Discoms	45.303	749.572
1) Thermal	136.929	2893.603	TOTAL STATE	341.373	6038.299
(A1+C1+C4+(B1-B6))					
2) Hydro	15.988	173.212			
(A2+C2)					
3) Gas	10.356	144.094			
(A3+B7+C3)					
4) Wind	54.238	797.427			
6) SOLAR	3.076	72.408			
TOTAL STATE	220.587	4080.744			

* 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	3125	2795	3273	2892
MSPGCL Hydro	422	413	633	211
MSPGCL Gas	280	270	271	291
MSPGCL Total Generation	3827	3478	4177	3394
Central Sector Receipt	6727	5540	5047	3404
WIND	1956	2377	2579	2405
CPP / IPP Thermal	2376	1977	2457	1954
CPP / IPP Gas	0	0	0	0
SOLAR	263	519	0	0
Exchange with Mumbai	-949	-1228	-871	-745
MSEDCL DEMAND MET	14200	12663	13389	10412
Load Shedding	0	0	0	0
MSEDCL DEMAND	14200	12663	13389	10412
TPCL GENERATION	935	878	884	534
AEML GENERATION	251	189	251	190
MUMBAI DEMAND	2135	2295	2006	1469
STATE DEMAND MET	16335	14958	15395	11881
STATE DEMAND	16335	14958	15395	11881
Frequency (Hz)	50.00	49.98	49.97	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 22.02 Hrs	49.77 Hz at 17.49 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 17/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	9.53	112.21	470	355
Total	9.53	187.91		
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	3.59	61.04	160	125
Unit 5	7.54	147.04	354	275
Unit 6	2.94	110.81	353	0
Unit 7	0.00	44.52	0	0
Unit 8	9.27	123.76	455	332
Unit 9	8.86	160.93	400	350
Total	32.20	677.12		
Paras				
Unit 3	3.92	73.16	200	130
Unit 4	4.06	72.04	200	110
Total	7.98	145.20		
Khaparkheda				
Unit 1	3.28	54.62	155	125
Unit 2	3.66	53.79	165	140
Unit 3	3.01	52.11	150	100
Unit 4	3.92	63.07	180	150
Unit 5	9.39	160.60	450	360
Total	23.26	384.18		
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	6.70	73.18	291	269
Total	6.70	73.18		
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)	1.05	15.79	49	43

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.05	15.79		
Koyna				
Stage 1-2	2.34	41.82	475	40
Stage 4	0.00	12.44	0	0
Stage 3	2.62	32.54	160	0
Total	4.95	86.79		
Hydro				
KDPH	0.74	2.27	33	0
VTRNA	0.00	0.00	0	0
TILLARI	1.39	12.06	58	58
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.44	6.17	40	0
RNGR+BHTSA	0.00	0.20	0	0
BHANDARDRA	0.34	3.60	15	14
ELDARY	0.50	1.80	22	20
SMLHY_PTN	1.05	10.68	53	42
GHATGHAR	0.00	0.00	0	0
Total	4.47	36.78		
Wind				
Total	54.24	797.43	0	0
Total	54.24	797.43		
CPP				
APML(Mus)	26.74	459.39	0	0
JSWEL(Mus)	14.05	268.58	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.47	98.03	0	0
Other(Mus)	8.14	133.07	0	0
Total	51.40	959.07		
SOLAR				
Total	3.08	72.41	0	0
Total	3.08	72.41		
Tata				
Trombay 5	7.69	130.19	418	274
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.24	44.76	115	72
Trombay 7B	1.42	26.15	66	52
Trombay 8	0.00	0.00	0	0
TATA Hydro	6.57	49.64	387	105
Total	17.91	250.75		
AEML				
DTPS U-1&2	4.88	81.19	251	189
Total	4.88	81.19		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	72.96	1723.15	MSPGCL Total	89.08	1919.90
			MSPGCL Thml+Gas	79.66	1796.33	Koyna 1,2 & 4 Total	2.34	54.26
			MSPGCL Hydro	9.42	123.57	State Total	220.59	4080.74

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/Aug/2020

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	2900	235	281	3416	2584	1946	0	0	4169	3764	-892	10818	0	10818	1685	12503	49.99
2	2903	220	271	3394	2433	1940	0	0	3876	3585	-837	10515	0	10515	1591	12106	50.01
3	2886	233	280	3399	2437	1949	0	0	3387	3507	-759	10533	0	10533	1521	12054	49.98
4	2892	211	291	3394	2405	1954	0	0	3463	3404	-745	10412	0	10412	1469	11881	50.01
5	2833	221	280	3334	2203	1963	0	0	3956	4111	-749	10862	0	10862	1453	12315	49.98
6	2945	191	271	3407	2033	2069	0	0	4843	4948	-777	11680	0	11680	1492	13172	50.01
7	3089	313	280	3682	1873	2375	0	6	5811	5750	-826	12860	0	12860	1553	14413	50.00
8	3145	453	280	3878	1986	2408	0	62	6504	6330	-907	13757	0	13757	1690	15447	49.89
9	3190	422	280	3892	1917	2437	0	153	6674	6616	-855	14160	0	14160	1916	16076	49.93
10	3125	422	280	3827	1956	2376	0	263	6632	6727	-949	14200	0	14200	2135	16335	50.00
11	3060	547	269	3876	2118	2348	0	376	6363	6271	-1050	13939	0	13939	2287	16226	50.01
12	2965	413	280	3658	2296	2253	0	433	6371	5906	-1183	13363	0	13363	2341	15704	50.01
13	2795	413	270	3478	2377	1977	0	519	6082	5540	-1228	12663	0	12663	2295	14958	49.98
14	2831	414	280	3525	2341	1794	0	448	5470	5422	-1161	12369	0	12369	2220	14589	50.03
15	2985	452	290	3727	2455	1853	0	321	5001	5057	-1095	12318	0	12318	2161	14479	49.97
16	3045	408	270	3723	2528	1897	0	241	5304	5043	-1042	12390	0	12390	2095	14485	50.03
17	3022	418	281	3721	2552	1834	0	158	5523	5197	-989	12473	0	12473	2026	14499	50.01
18	2992	601	281	3874	2460	1842	0	82	5475	5592	-947	12903	0	12903	1988	14891	49.90
19	3169	813	289	4271	2299	2171	0	14	5467	5191	-913	13033	0	13033	1975	15008	49.90
20	3273	633	271	4177	2579	2457	0	0	5100	5047	-871	13389	0	13389	2006	15395	49.97
21	3293	383	280	3956	2422	2448	0	0	4784	4763	-933	12656	0	12656	1937	14593	49.98
22	3206	398	291	3895	2237	2467	0	0	4377	4440	-947	12092	0	12092	1882	13974	49.98
23	3251	314	282	3847	1952	2414	0	0	4208	4432	-930	11715	0	11715	1826	13541	50.01
24	3163	294	272	3729	1795	2233	0	0	4538	4143	-930	10970	0	10970	1759	12729	49.99
MUs	72.96	9.42	6.70	89.08	54.24	51.40	0.00	3.08	123.38	120.79	-22.52	296.07	0.00	296.07	45.30	341.37	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 17/Aug/2020

Position as on 6.30 Hrs of 18/Aug/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)	
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	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	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 17/Aug/2020

Position as on 6.30 Hrs of 18/Aug/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	Chandrapur Unit 6	500	13/08/2020	01.00	17/08/2020	13.29	Due to GTR-6 oil filtration work.(BDV less & water content high)	
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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Aug/2020

Statement-VII

Position as on 6.30 Hrs of 18/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.	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Dhule Sar'Sarovar II	InterState	30/07/2020	12.45			Continued.	Over Voltage
Padgha - Boisar (PG)	InterState	15/08/2020	04.02			Continued.	Over Voltage
Alkud-Solapur(PG)	InterState	17/08/2020	09.53	17/08/2020	18.52	PO	Line terminal equipment AMP work
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	11/06/2020	10.40			Continued.	Over Voltage
Dhule- Bableshwar - I	IntraState	31/07/2020	19.27			Continued.	Over Voltage
Bhusawal-Aurangabad	IntraState	07/08/2020	16.19			Continued.	Over Voltage
Padghe - Nagothane - II	IntraState	07/08/2020	23.23			Continued.	Over Voltage
Chandrapur-II - Nanded ckt I	IntraState	13/08/2020	02.28	17/08/2020	08.40	T	Over Voltage
Jaigad-Karad Ckt-II	IntraState	13/08/2020	10.59			Continued.	To attend CB problem
Koradi-Bhusawal	IntraState	14/08/2020	01.09			Continued.	Over Voltage
karad -kolhapur-I	IntraState	14/08/2020	21.04			Continued.	Over Voltage
Padghe - Kalwa- I	IntraState	14/08/2020	21.28			Continued.	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	15/08/2020	00.40			Continued.	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	15/08/2020	11.39			Continued.	Over Voltage
Babhaleshwar - Padghe-I	IntraState	16/08/2020	21.58			Continued.	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	16/08/2020	22.09			Continued.	Over Voltage
Kalwa - Talegaon(PG)	IntraState	17/08/2020	03.45	17/08/2020	08.02	T	Over Voltage
Kalwa - Talegaon(PG)	IntraState	18/08/2020	03.24			Continued.	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07			Continued.	Differential Protection,Declared Faulty.
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/08/2020	09.58			Continued.	Replacement Of Existing 315 MVA ICT By 3*167 MVA ICT.
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	14/08/2020	00.58			Continued.	H/T from LV side for Over Voltage
400/220/33kv 315MVA ICT-I @Lonikand	IntraState	16/08/2020	00.23	17/08/2020	07.01	HT	Over Voltage
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	17/08/2020	09.35			Continued.	Over Voltage
400/220 Kv 500 MVA ICT II @Jejuri	IntraState	18/08/2020	02.19			Continued.	Over Voltage
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12			Continued.	No Schedule.
Talandage - Chikodi	InterState	01/10/2019	17.10			Continued.	No Schedule.(close at Chikodi end only)
BOISAR BORIVALI	IntraState	24/07/2018	13.18			Continued.	To Control Line Loading(H/T from Boisar end)
Kharghar-Borivali ckt II	IntraState	11/08/2020	08.45			Continued.	Cable Faulty
Theur-Phursungi	IntraState	14/08/2020	09.46			Continued.	Outage arrangement HTLS work.
Theur- Magar Patta City	IntraState	14/08/2020	10.27			Continued.	Outage arrangement HTLS work.
Lonikand1 (400 Kv)-Theur I	IntraState	14/08/2020	10.38			Continued.	Replacement of Existing 0.4 DEER Conductor, hardware & Insulator to HTLS Conductor.
Ongc Uran - Jnpt	IntraState	14/08/2020	12.07			Continued.	Removal of existing earthwire and string OPGW.
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	16/08/2020	09.30			Continued.	Erection of new tower at loc.no. 8 for railway crossing between loc no.9 & 10.
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	16/08/2020	09.32			Continued.	Tower Erection work for railway crossing.
Koyna (Pophali) - Kdph	IntraState	17/08/2020	04.55	17/08/2020	18.35	T	Distance Protection,B PH La

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 17/Aug/2020

Statement-VII

Position as on 6.30 Hrs of 18/Aug/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Burst at KDPH end.
Chinchwad2 - TELCO	IntraState	17/08/2020	10.06	17/08/2020	14.05	PO	Line Signature work
Karad(400kv) - Ogalewadi Ckt 1	IntraState	17/08/2020	11.18	17/08/2020	15.50	PO	Replacement work
CHAKAN (400 KV)- Chinchwad2	IntraState	17/08/2020	14.30	17/08/2020	17.45	PO	Line Signature work