

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/Aug/2019 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	93.517	1730.616	1) Gujrat	12.518	124.273
2) Hydro	13.209	186.058	2) Madhya Pradesh	3.748	141.101
3) Gas	6.383	168.712	3) Chattisgarh	1.290	52.630
Total MSPGCL	113.109	2085.386	4) Maharashtra	130.959	2042.730
B) 1) APLM	55.122	1169.595	5) Goa (Amona)	-0.396	-11.000
2) JSWEL	21.007	474.285	Total	148.119	2349.734
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.258	477.239
4) RPL(AMT)	21.258	141.382	b) Mumbai Drawl	28.548	588.176
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	18.752	273.972
6) Other IPP	2.727	52.248	Include PX	8.268	-31.520
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.258	475.545
C) 1) TPCL Thermal	15.248	230.430	Include PX	8.062	117.418
2) TPCL Hydro	5.423	128.673	Standby	0.000	1.694
3) TPCL Gas	3.668	59.171	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.800	209.171	1) MSEDCL	367.919	6739.817
D) STATE			2) Mumbai Discoms	63.687	1215.622
1) Thermal	219.679	4007.727	TOTAL STATE	431.606	7955.439
(A1+C1+C4+(B1-B6))					
2) Hydro	18.632	314.731			
(A2+C2)					
3) Gas	10.051	227.883			
(A3+B7+C3)					
4) Wind	29.786	969.048			
6) SOLAR	5.339	86.315			
TOTAL STATE	283.487	5605.704			

* 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	3951	3679	3803	3965
MSPGCL Hydro	1386	335	1408	128
MSPGCL Gas	246	241	312	265
MSPGCL Total Generation	5583	4255	5523	4358
Central Sector Receipt	7107	8036	5688	4949
WIND	1050	1108	1436	1096
CPP / IPP Thermal	3708	3723	4287	4586
CPP / IPP Gas	0	0	0	0
SOLAR	510	674	0	0
Exchange with Mumbai	-1360	-1720	-1089	-936
MSEDCL DEMAND MET	16598	16076	15845	14053
Load Shedding	0	0	0	0
MSEDCL DEMAND	16598	16076	15845	14053
TPCL GENERATION	1133	1015	1310	713
AEML GENERATION	494	432	495	374
MUMBAI DEMAND	2987	3167	2894	2023
STATE DEMAND MET	19586	19243	18739	16076
STATE DEMAND	19586	19243	18739	16076
Frequency (Hz)	50.03	50.05	49.99	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 16.02 Hrs	49.75 Hz at 00.08 Hrs	49.99	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 21/Aug/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.52	2.52	155	0
Unit 7	1.07	1.07	115	0
Unit 8	6.67	78.20	304	227
Unit 9	2.10	2.10	248	0
Unit 10	6.22	106.67	300	225
Total	18.58	190.55		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	171.19	0	0
Unit 5	10.28	186.14	470	335
Total	10.28	357.33		
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	0.01	0.01	11	0
Unit 8	0.00	0.00	0	0
Total	0.01	0.01		
Chandrapur				
Unit 3	2.93	48.55	130	111
Unit 4	2.43	50.32	111	87
Unit 5	7.42	131.01	350	250
Unit 6	7.74	141.23	351	300
Unit 7	0.00	0.00	0	0
Unit 8	4.89	97.12	340	110
Unit 9	4.78	137.53	334	137
Total	30.19	605.76		
Paras				
Unit 3	5.79	88.99	256	220
Unit 4	4.04	73.92	188	155
Total	9.83	162.91		
Khaparkheda				
Unit 1	2.24	46.62	110	75
Unit 2	0.00	34.18	0	0
Unit 3	3.56	66.82	160	128
Unit 4	4.00	34.25	180	150
Unit 5	8.47	170.57	403	320
Total	18.26	352.44		
Nasik				
Unit 3	2.71	12.96	129	85
Unit 4	3.64	46.54	183	128
Unit 5	0.00	2.11	0	0
Total	6.36	61.62		
Uran				
All Units	6.38	168.71	379	230
Total	6.38	168.71		
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)	0.00	0.00	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.00		
Koyna				
Stage 1-2	3.47	48.16	505	40
Stage 4	5.01	32.21	755	0
Stage 3	2.04	39.39	168	0
Total	10.52	119.76		
Hydro				
KDPH	0.00	14.38	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.91	14.99	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.32	8.71	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	8.05	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.80	12.54	34	32
GHATGHAR	0.32	7.63	125	0
Total	2.69	66.30		
Wind				
Total	29.79	969.05	0	0
Total	29.79	969.05		
CPP				
APML(Mus)	55.12	1169.60	0	0
JSWEL(Mus)	21.01	474.28	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	21.26	141.38	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.73	52.25	0	0
Total	100.11	1837.51		
SOLAR				
Total	5.34	86.32	0	0
Total	5.34	86.32		
Tata				
Trombay 5	10.17	131.71	480	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.24	36.05	95	80
Trombay 7B	1.43	23.12	61	55
Trombay 8	5.08	98.72	222	197
TATA Hydro	5.42	128.67	459	22
Total	24.34	418.27		
AEML				
DTPS U-1&2	10.80	209.17	497	373
Total	10.80	209.17		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	93.52	1730.62	MSPGCL Total	113.11	2085.39
			MSPGCL Thml+Gas	99.90	1899.33	Koyna 1,2 & 4 Total	8.48	80.37
			MSPGCL Hydro	13.21	186.06	State Total	283.49	5605.70

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 21/Aug/2019

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	4057	352	242	4651	880	4614	0	0	5213	5090	-966	14269	0	14269	2320	16589	49.86
2	3928	161	245	4334	966	4484	0	0	5081	5369	-943	14210	0	14210	2134	16344	49.97
3	3965	128	265	4358	1096	4586	0	0	5017	4949	-936	14053	0	14053	2023	16076	49.98
4	4005	134	246	4385	1145	4638	0	0	4990	4930	-878	14220	0	14220	1944	16164	50.01
5	4043	128	246	4417	1150	4632	0	0	4991	5108	-839	14468	0	14468	1919	16386	50.00
6	4098	269	247	4614	1191	4678	0	0	5427	5615	-717	15382	0	15382	2044	17426	50.01
7	4024	1176	265	5465	996	4542	0	28	5995	6209	-710	16530	0	16530	2185	18716	49.95
8	4038	1475	246	5759	1008	4025	0	168	6279	6639	-788	16811	0	16811	2354	19165	49.95
9	3990	1272	246	5508	964	3993	0	350	6631	6982	-1124	16673	0	16673	2657	19330	50.03
10	3951	1386	246	5583	1050	3708	0	510	6741	7107	-1360	16598	0	16598	2987	19586	50.03
11	3817	599	262	4678	979	3664	0	626	7586	7432	-1575	15804	0	15804	3188	18992	50.03
12	3746	390	243	4379	1141	3697	0	664	7963	7828	-1636	16073	0	16073	3248	19321	49.99
13	3679	335	241	4255	1108	3723	0	674	7997	8036	-1720	16076	0	16076	3167	19243	50.05
14	3702	290	253	4245	1242	3843	0	617	7442	7407	-1748	15606	0	15606	3021	18627	50.01
15	3759	327	230	4316	1573	3934	0	642	7095	6823	-1620	15668	0	15668	3060	18728	49.96
16	3798	227	277	4302	2068	3795	0	569	6846	6487	-1543	15678	0	15678	3078	18756	50.00
17	3856	227	310	4393	2171	3730	0	357	6303	6361	-1660	15352	0	15352	3046	18398	50.00
18	3809	225	377	4411	1800	4103	0	125	5955	5927	-1494	14872	0	14872	2989	17861	49.98
19	3793	487	379	4659	1582	4260	0	9	5606	5642	-1201	14952	0	14952	2912	17864	49.97
20	3803	1408	312	5523	1436	4287	0	0	5609	5688	-1089	15845	0	15845	2894	18739	49.99
21	3816	1013	259	5088	1386	4296	0	0	5557	5579	-1039	15310	0	15310	2792	18102	50.02
22	3977	488	248	4713	1078	4289	0	0	5518	5840	-1020	14900	0	14900	2651	17551	50.01
23	3974	475	249	4698	920	4282	0	0	5506	5609	-983	14526	0	14526	2572	17098	50.00
24	3889	237	249	4375	856	4310	0	0	5466	5462	-959	14044	0	14044	2502	16546	50.03
MUs	93.52	13.21	6.38	113.11	29.79	100.11	0.00	5.34	146.81	148.12	-28.55	367.92	0.00	367.92	63.69	431.61	49.99

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 21/Aug/2019

Position as on 6.30 Hrs of 22/Aug/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Parli Unit 8	250	04/06/2019	00.00		Continued.	Zero Schedule (converted to AOH from 25/06/2019)	
MSPGCL	Koyana STG- IV Unit - 1	250	18/07/2019	14.30		Continued.	Breaker Air Pressure Problem (Converted for Capital Overhaul from DT.24-07-2019 for 60Days)	
MSPGCL	Koradi Unit 9	660	19/07/2019	17.35	21/08/2019	08.09	Annual Overhaul	
IPP	RPL(AMT) U-2	270	25/07/2019	02.00		Continued.	Zero Schedule (Converted to AOH from 13.08.2019 at 00.00 Hrs)	
MSPGCL	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
IPP	Adani U-2	660	05/08/2019	00.13	22/08/2019	07.13	Annual Overhaul	
MSPGCL	Khaparkheda Unit 2	210	13/08/2019	15.01		Continued.	Flame Failure (Converted to AOH from 16-8-2019)	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Coal Shortage	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule. (water shortage from 25/06/2019)	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
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	Parli Unit 7	250	25/06/2019	09.45		Continued.	Water Shortage	
MSPGCL	Bhusawal Unit 3	210	28/06/2019	18.35		Continued.	Zero schedule.	
IPP	Dhariwal	300	01/07/2019	00.01		Continued.	NO SCHEDULE	
MSPGCL	Koradi Unit 6	210	27/07/2019	15.32	21/08/2019	02.09	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	27/07/2019	15:47	21/08/2019	11.01	Zero Schedule.	
MSPGCL	Nasik Unit 5	210	01/08/2019	22.45		Continued.	Zero Schedule.	
MSPGCL	Koyana Unit 10	80	05/08/2019	20.05		Continued.	Stator Earth Fault	
MSPGCL	Bhusawal Unit 4	500	20/08/2019	08.15		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	20/08/2019	09.25	21/08/2019	15.03	Gas shortage	
IPP	Adani U-4	660	21/08/2019	06.48	21/08/2019	11.12	PA Fan problem	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 21/Aug/2019

Position as on 6.30 Hrs of 22/Aug/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	JSW (J) U4	300	21/08/2019	07.20		Continued.	CONDENSER CLEANING WORK.	
IPP	RPL(AMT) U-1	270	21/08/2019	08.44		Continued.	BOTTOM AIR ERECTION SYSTEM PROBLEM.	
MSPGCL	Uran Unit 6	108	21/08/2019	19.35		Continued.	Gas shortage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 21/Aug/2019

Statement-VII

Position as on 6.30 Hrs of 22/Aug/2019

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 Khandwa II	InterState	17/08/2019	08.04		Continued.	HT	Over Voltage
Jaigad-New Koyna Ckt-I	IntraState	18/08/2019	22.06	21/08/2019	17.21	T	Replacement of insulator string Distance protection, D-27.34 KM, & B-E, IA B10.60 KAMP, Y-10.04KAMP.
Khadka-Aurangabad (Waluj)	IntraState	20/08/2019	21.49	21/08/2019	11.07	HT	Over Voltage
Warora -IEPL	IntraState	21/08/2019	08.16	21/08/2019	19.34	PO	Routine Maintenance Work
Akola - Bhusawal	IntraState	21/08/2019	11.14	21/08/2019	16.10	PO	LA JUMPER REPLACEMENT WORK
Girwali - Lonikand 1	IntraState	21/08/2019	12.04	21/08/2019	20.24	PO	WORK OF CONVERSION SSN TO DSN.
Khadka-Aurangabad (Waluj)	IntraState	21/08/2019	18.24		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.
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 are Damaged.
400/220kv 500MVA ICT-1 @ TAPTITANDA	IntraState	21/08/2019	09.39	21/08/2019	20.12	PO	IPS TUBE COATING WORK.
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	21/08/2019	16.30	21/08/2019	18.57	PO	BUCHOLZ TRIPPED.
167MVA 400/220 SPARE ICT @ Parali (Girwali)	IntraState	21/08/2019	17.21		Continued.	PO	TO RE-CONNECT THE EARTHING CABLE OF 220KV LA.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	No Schedule
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
Solapur(PG)- Jeur	InterState	21/08/2019	11.17	21/08/2019	17.33	PO	Annual Maintenance Work
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Miraj - Tilwani	IntraState	09/08/2019	05.27		Continued.	T	Dist.Protection(Tower Bending Location no.28,29)
Pedhambe - Oni	IntraState	20/08/2019	08.10	21/08/2019	17.50	PO	Routine Maintenance Work(Trip at 01.06hr Dt.21.08.2019) R PH Earth Fault Declared Faulty.
Trombay - Kalwa	IntraState	20/08/2019	21.34	21/08/2019	00.42	PO	For Bus section outage.
Trombay MSETCL Tie 2	IntraState	20/08/2019	21.41	21/08/2019	01.06	PO	For Bus section outage.
Abhijeet-Wardha-I	IntraState	21/08/2019	08.10	21/08/2019	15.27	PO	FOR SHIFTING AND CHARGING OF LINE THROUGH ERS CROSSING NHAI 361 ROAD.
Kalmeshwar-Pandhurna	IntraState	21/08/2019	08.57	21/08/2019	20.18	PO	Routine Maintenance Work
Badnera-Akola li	IntraState	21/08/2019	09.02	21/08/2019	19.50	PO	CT TAN DELTA AND CRM.
Bableshtar - Alephata ckt I	IntraState	21/08/2019	09.32	21/08/2019	23.40	PO	DIGNOSTIC TESTING WORK.
Mudshingi-Wathar	IntraState	21/08/2019	10.00	21/08/2019	13.15	PO	Routine Maintenance Work
Nagothane-Wadkhal-I	IntraState	21/08/2019	10.02		Continued.	PO	Attending Hot Spot
Abhijeet-Wardha-li	IntraState	21/08/2019	10.29	21/08/2019	15.26	PO	TOWER SHIFTING ON ERS NATIONAL HIGHWAY CROSSING.
PANDHARPUR BHALVANI	IntraState	21/08/2019	10.40	21/08/2019	13.00	PO	Routine Maintenance Work
Parli New Tps - Beed Ckt 2	IntraState	21/08/2019	10.42	21/08/2019	19.50	PO	FAULTY STRING REPLACEMENT WORK.
Parli New Tps - Beed Ckt 1	IntraState	21/08/2019	10.43	21/08/2019	19.54	PO	FAULTY STRING REPLACEMENT WORK.
Khaparkheda-Ambazari-li	IntraState	21/08/2019	11.55	21/08/2019	18.21	PO	FOR REPL OF DISC RELAY AT AMBAZARI S/S.

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 21/Aug/2019

Statement-VII

Position as on 6.30 Hrs of 22/Aug/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Butibori - Purti	IntraState	21/08/2019	12.23	21/08/2019	16.24	PO	REPLACEMENT OF FAULTY RELAY.