

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/Aug/2019 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	97.081	1541.821	1) Gujrat	8.347	101.148
2) Hydro	7.964	153.690	2) Madhya Pradesh	5.293	132.264
3) Gas	6.304	157.131	3) Chattisgarh	2.670	48.390
Total MSPGCL	111.349	1852.642	4) Maharashtra	128.853	1787.528
B) 1) APLM	60.905	1052.317	5) Goa (Amona)	-0.396	-10.164
2) JSWEL	24.251	429.542	Total	144.767	2059.166
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.274	425.286
4) RPL(AMT)	17.605	100.344	b) Mumbai Drawl	28.349	531.002
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	20.720	238.515
6) Other IPP	3.333	46.689	Include PX	5.901	-43.913
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.274	423.593
C) 1) TPCL Thermal	15.253	199.341	Include PX	9.146	100.853
2) TPCL Hydro	6.343	118.084	Standby	0.000	1.694
3) TPCL Gas	1.628	52.753	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.189	187.176	1) MSEDCL	361.626	6001.759
D) STATE			2) Mumbai Discoms	62.763	1088.355
1) Thermal	229.617	3557.230	TOTAL STATE	424.389	7090.114
(A1+C1+C4+(B1-B6))					
2) Hydro	14.307	271.774			
(A2+C2)					
3) Gas	7.932	209.884			
(A3+B7+C3)					
4) Wind	21.352	916.797			
6) SOLAR	6.413	75.264			
TOTAL STATE	279.621	5030.949			

* 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 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4109	4206	4068	3858
MSPGCL Hydro	296	151	646	129
MSPGCL Gas	261	271	272	258
MSPGCL Total Generation	4666	4628	4986	4245
Central Sector Receipt	6990	6885	5818	5003
WIND	652	822	1402	751
CPP / IPP Thermal	4323	4442	4546	4244
CPP / IPP Gas	0	0	0	0
SOLAR	793	596	0	0
Exchange with Mumbai	-1625	-1500	-1068	-892
MSEDCL DEMAND MET	15799	15873	15684	13351
Load Shedding	0	0	0	0
MSEDCL DEMAND	15799	15873	15684	13351
TPCL GENERATION	1102	1087	1288	657
AEML GENERATION	496	497	495	373
MUMBAI DEMAND	3223	3084	2851	1922
STATE DEMAND MET	19022	18957	18535	15273
STATE DEMAND	19022	18957	18535	15273
Frequency (Hz)	50.02	50.03	49.83	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 13.05 Hrs	49.66 Hz at 19.10 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 19/Aug/2019

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	7.47	65.28	330	283
Unit 9	0.00	0.00	0	0
Unit 10	7.65	94.39	355	280
Total	15.12	159.67		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.27	167.95	430	330
Unit 5	8.68	165.97	425	290
Total	17.95	333.92		
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	3.40	42.11	156	120
Unit 4	3.25	44.58	151	115
Unit 5	7.35	115.45	360	270
Unit 6	7.68	125.32	395	280
Unit 7	0.00	0.00	0	0
Unit 8	4.64	85.38	321	0
Unit 9	7.95	126.17	385	233
Total	34.26	539.00		
Paras				
Unit 3	4.37	77.93	233	159
Unit 4	2.90	65.78	130	92
Total	7.27	143.71		
Khaparkheda				
Unit 1	2.60	41.75	130	95
Unit 2	0.00	34.18	0	0
Unit 3	3.40	60.29	150	127
Unit 4	3.56	26.54	152	140
Unit 5	8.50	153.99	440	305
Total	18.07	316.75		
Nasik				
Unit 3	0.00	8.18	0	0
Unit 4	4.41	38.47	195	147
Unit 5	0.00	2.11	0	0
Total	4.41	48.77		
Uran				
All Units	6.30	157.13	277	234
Total	6.30	157.13		
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	2.39	38.95	445	40
Stage 4	2.00	19.17	500	0
Stage 3	1.03	34.35	142	0
Total	5.42	92.47		
Hydro				
KDPH	0.32	14.38	37	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	13.64	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.43	8.01	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	7.37	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.93	10.89	40	38
GHATGHAR	0.52	6.93	125	0
Total	2.54	61.22		
Wind				
Total	21.35	916.80	0	0
Total	21.35	916.80		
CPP				
APML(Mus)	60.90	1052.32	0	0
JSWEL(Mus)	24.25	429.54	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	17.60	100.34	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	3.33	46.69	0	0
Total	106.09	1628.89		
SOLAR				
Total	6.41	75.26	0	0
Total	6.41	75.26		
Tata				
Trombay 5	10.19	110.83	480	282
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.23	32.22	116	0
Trombay 7B	0.40	20.53	67	0
Trombay 8	5.06	88.51	218	197
TATA Hydro	6.34	118.08	423	128
Total	23.22	370.18		
AEML				
DTPS U-1&2	11.19	187.18	497	373
Total	11.19	187.18		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	97.08	1541.82	MSPGCL Total	111.35	1852.64
			MSPGCL Thml+Gas	103.38	1698.95	Koyna 1,2 & 4 Total	4.39	58.12
			MSPGCL Hydro	7.96	153.69	State Total	279.62	5030.95

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 19/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	3896	129	234	4259	619	4355	0	0	5411	5421	-1105	13549	0	13549	2210	15759	50.07
2	3844	129	244	4217	734	4228	0	0	5253	5099	-966	13312	0	13312	2030	15342	50.01
3	3858	129	258	4245	751	4244	0	0	5166	5003	-892	13351	0	13351	1922	15273	50.01
4	3883	134	251	4268	810	4231	0	0	5134	5036	-852	13493	0	13493	1851	15344	49.93
5	3849	344	277	4470	803	4286	0	0	5087	5136	-835	13860	0	13860	1833	15693	49.87
6	4040	754	277	5071	780	4509	0	0	5244	5339	-797	14902	0	14902	1960	16862	49.98
7	4108	1103	277	5488	710	4582	0	32	5799	6101	-842	16071	0	16071	2142	18213	49.97
8	4102	824	268	5194	640	4567	0	212	6303	6324	-1018	15919	0	15919	2331	18250	50.07
9	4204	647	275	5126	684	4566	0	422	6396	6298	-1198	15898	0	15898	2662	18560	50.03
10	4166	302	274	4742	623	4503	0	660	6505	6627	-1426	15729	0	15729	2974	18703	50.01
11	4144	277	272	4693	530	4475	0	777	6699	6819	-1559	15735	0	15735	3149	18884	50.04
12	4109	296	261	4666	652	4323	0	793	7115	6990	-1625	15799	0	15799	3223	19022	50.02
13	4136	262	269	4667	616	4132	0	837	6954	7022	-1506	15768	0	15768	3139	18907	49.96
14	4176	257	269	4702	683	4150	0	802	6640	6707	-1507	15537	0	15537	3040	18577	50.04
15	4183	213	260	4656	727	4289	0	737	6899	6912	-1496	15825	0	15825	3081	18906	50.00
16	4206	151	271	4628	822	4442	0	596	6806	6885	-1500	15873	0	15873	3084	18957	50.03
17	4146	179	272	4597	1092	4436	0	361	6631	6543	-1428	15601	0	15601	3049	18650	49.99
18	4080	174	272	4526	1234	4448	0	163	6380	6149	-1362	15158	0	15158	2979	18137	49.99
19	4116	243	261	4620	1574	4498	0	21	5998	5777	-1207	15283	0	15283	2872	18155	49.95
20	4068	646	272	4986	1402	4546	0	0	5889	5818	-1068	15684	0	15684	2851	18535	49.83
21	3986	418	268	4672	1334	4646	0	0	5900	5782	-1017	15417	0	15417	2760	18177	49.96
22	3875	154	242	4271	1271	4559	0	0	5867	5795	-1029	14867	0	14867	2657	17524	50.01
23	3949	105	241	4295	1190	4532	0	0	5811	5707	-1044	14680	0	14680	2541	17221	49.95
24	3957	94	239	4290	1071	4547	0	0	5658	5477	-1070	14315	0	14315	2422	16737	49.95
MUs	97.08	7.96	6.30	111.35	21.35	106.09	0.00	6.41	145.55	144.77	-28.35	361.63	0.00	361.63	62.76	424.39	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 19/Aug/2019

Position as on 6.30 Hrs of 20/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	Koyna 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		Continued.	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		Continued.	Annual Overhaul	
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 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	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		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	27/07/2019	15:47		Continued.	Zero Schedule.	
MSPGCL	Nasik Unit 5	210	01/08/2019	22.45		Continued.	Zero Schedule.	
MSPGCL	Nasik Unit 3	210	05/08/2019	09.15	20/08/2019	02.12	Zero Schedule.	
MSPGCL	Koyna Unit 10	80	05/08/2019	20.05		Continued.	Stator Earth Fault	
MSPGCL	Khaparkheda Unit 2	210	13/08/2019	15.01		Continued.	Flame Failure	
MSPGCL	Chandrapur Unit-8	500	14/08/2019	22.06	19/08/2019	04.38	Boiler Tube Leakage	
TPC-G	Trombay 7B	60	15/08/2019	18.55	19/08/2019	16.49	Gas pressure Low	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 19/Aug/2019

Position as on 6.30 Hrs of 20/Aug/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
TPC-G	Trombay 7A	120	15/08/2019	22.57	19/08/2019	11.30	Gas pressure Low	
MSPGCL	Uran Unit B0	120	16/08/2019	23.17		Continued.	Gas shortage	
MSPGCL	Uran Unit 8	108	16/08/2019	23.17		Continued.	Gas shortage	
IPP	RPL(AMT) U-5	270	18/08/2019	13.50		Continued.	Electrical Fault Rotor Earth Fault Protection Operated.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 19/Aug/2019

Statement-VII

Position as on 6.30 Hrs of 20/Aug/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi III - Tirora - I	IntraState	19/08/2019	09.52		Continued.	T	SF6 GAS Leakage At Trioda End.
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
Dhule Sar'Sarovar II	InterState	18/08/2019	15.46	19/08/2019	16.01	T	Distance Protection, Y-PH, 3.8KA, 90KM From Dhule.
Chandrapur-II - Nanded ckt II	IntraState	18/08/2019	09.02	19/08/2019	08.31	PO	Replacement of broken spacers cum vibration damper.
Khadka-Aurangabad (Waluj)	IntraState	18/08/2019	16.50	19/08/2019	08.13	HT	Over Voltage
Jaigad-New Koyna Ckt-I	IntraState	18/08/2019	22.06		Continued.	T	Replacement of insulator string Distance protection, D-27.34 KM, & B-E, IA B10.60 KAMP, Y-10.04KAMP.
Koradi III(Adani)-Korad II Ckt-I	IntraState	19/08/2019	18.50	19/08/2019	19.50	PO	ABT METER Replacement Work.
Khadka-Aurangabad (Waluj)	IntraState	19/08/2019	20.00		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.
400/220/33 Kv 600 MVA ICT 4 @Padghe	IntraState	12/08/2019	04.52		Continued.	T	LV Side Y-Ph LA Burst.
400/220 Kv 315 Mva Ict 1 @Chakan	IntraState	19/08/2019	01.10	19/08/2019	02.48	T	186 operated 220KV Volkswagen Line CT Flash Over LA - 199 MW.
400/220 Kv 315 MVA ICT-II @Chakan	IntraState	19/08/2019	01.10	19/08/2019	04.31	T	Back Up Relay 220KV Volkswagen Line CT Flash Over.
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.
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	Distance Protection
Padgha-Temghar-II	IntraState	12/08/2019	11.12		Continued.	HT	To Divert The Load of Padgha ICT.
Padgha - Temghar I	IntraState	14/08/2019	18.03		Continued.	HT	Control Padgha ICT Loading.
Chakan (400kv)-Volskwagon	IntraState	19/08/2019	01.10	19/08/2019	06.53	T	220KV Volkswagen Line CT Flash Over.
Chakan-Chinchwad	IntraState	19/08/2019	01.10	19/08/2019	03.58	T	220KV Volkswagen Line CT Flash Over.
Chakan-Mahindra Vehicle	IntraState	19/08/2019	01.10	19/08/2019	04.46	T	220KV Volkswagen Line CT Flash Over.
Bridgestone - Chakan II	IntraState	19/08/2019	05.30	19/08/2019	06.54	PO	Charging Of Chakan Phase-2 & Volkswagen S/S.
Halkarni-Olam(Agro)	IntraState	19/08/2019	05.45	19/08/2019	06.34	T	Distance Protection
Oni Kharepatan Line	IntraState	19/08/2019	10.00	19/08/2019	19.52	PO	Replacement Of LA.
Abhijeet-Wardha-II	IntraState	19/08/2019	10.28		Continued.	PO	Shifting and charging of line through ERS.
Abhijeet-Wardha-I	IntraState	19/08/2019	10.33	19/08/2019	20.12	PO	Shifting and charging of line through ERS.
Uran - Kharghar I	IntraState	19/08/2019	10.50	19/08/2019	15.31	PO	Tightening Of Jumper.
Ambazari-Kalmeshwar	IntraState	19/08/2019	12.14	19/08/2019	13.16	PO	REPL of faulty auto reclose switch.
Khaparkheda-Ambazari-I	IntraState	19/08/2019	13.24	19/08/2019	14.27	PO	Testing Work
Topworth - Kharghar	IntraState	19/08/2019	14.36	19/08/2019	19.39	EO	To attend Hot Spot On R PH Line Side CT Stud.
220 KV ICT Outages/Trippings							

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 19/Aug/2019

Statement-VII

Position as on 6.30 Hrs of 20/Aug/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/22 Kv 50 Mva Ptr 3 @Chakan	IntraState	19/08/2019	01.10	19/08/2019	04.51	T	220KV Volkswagen Line CT Flash Over.
220/22 KV 50MVA T/F-I @ Chakan II	IntraState	19/08/2019	01.10	19/08/2019	05.24	T	220KV Volkswagen Line CT Flash Over.
220/132 kv 200MVA ICT II @ Akola	IntraState	19/08/2019	09.30	19/08/2019	16.38	PO	Oil filtration work.
220/132kv 200 Mva Aditya Vidyut Ict 2 @Kanhan	IntraState	19/08/2019	10.57	19/08/2019	11.56	PO	Replacement of broken plastic cover wrapped to buchholz, PRV of ICT-2 & general maintenance.