

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Aug/2019 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	100.049	1928.540	1) Gujrat	11.984	148.346
2) Hydro	5.444	199.175	2) Madhya Pradesh	2.750	147.349
3) Gas	6.051	180.905	3) Chattisgarh	0.510	54.550
Total MSPGCL	111.544	2308.620	4) Maharashtra	121.643	2292.220
B) 1) APML	73.248	1305.862	5) Goa (Amona)	-0.462	-11.858
2) JSWEL	18.468	511.789	Total	136.425	2630.607
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.805	524.777
4) RPL(AMT)	15.978	173.901	b) Mumbai Drawl	32.707	651.994
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	13.513	306.214
6) Other IPP	2.985	58.089	Include PX	4.464	-17.879
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.805	523.083
C) 1) TPCL Thermal	13.198	257.497	Include PX	3.849	125.421
2) TPCL Hydro	4.954	138.652	Standby	0.000	1.694
3) TPCL Gas	3.128	65.556	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.680	228.787	1) MSEDCL	363.166	7466.502
D) STATE			2) Mumbai Discoms	63.667	1342.486
1) Thermal	233.606	4464.465	TOTAL STATE	426.833	8808.988
(A1+C1+C4+(B1-B6))					
2) Hydro	10.398	337.827			
(A2+C2)					
3) Gas	9.179	246.461			
(A3+B7+C3)					
4) Wind	30.449	1030.568			
6) SOLAR	6.776	99.060			
TOTAL STATE	290.408	6178.381			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4145	4186	4473	3887
MSPGCL Hydro	266	166	653	117
MSPGCL Gas	259	246	242	260
MSPGCL Total Generation	4670	4598	5368	4264
Central Sector Receipt	6463	6327	5824	4801
WIND	1230	1030	1173	1549
CPP / IPP Thermal	4668	4658	4605	4035
CPP / IPP Gas	0	0	0	0
SOLAR	842	896	0	0
Exchange with Mumbai	-1947	-1878	-1140	-926
MSEDCL DEMAND MET	15926	15631	15830	13723
Load Shedding	0	0	0	0
MSEDCL DEMAND	15926	15631	15830	13723
TPCL GENERATION	920	924	1278	629
AEML GENERATION	375	375	496	374
MUMBAI DEMAND	3242	3177	2914	1929
STATE DEMAND MET	19168	18808	18744	15652
STATE DEMAND	19168	18808	18744	15652
Frequency (Hz)	49.99	49.98	50.01	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 18:00 Hrs	49.84 Hz at 11:26 Hrs	50.01	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 23/Aug/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.98	8.53	145	95
Unit 7	2.04	5.61	100	50
Unit 8	6.12	89.26	328	168
Unit 9	5.61	13.81	287	165
Unit 10	6.72	119.45	310	240
Total	23.47	236.65		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	6.49	177.67	425	0
Unit 5	8.74	203.76	395	340
Total	15.22	381.43		
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	3.10	7.08	187	0
Unit 8	0.00	0.00	0	0
Total	3.10	7.08		
Chandrapur				
Unit 3	0.27	51.54	35	0
Unit 4	0.00	52.40	0	0
Unit 5	7.29	146.09	335	277
Unit 6	6.43	155.41	345	190
Unit 7	0.00	0.00	0	0
Unit 8	3.96	106.74	200	140
Unit 9	3.74	146.49	182	135
Total	21.68	658.68		
Paras				
Unit 3	4.81	97.96	239	167
Unit 4	4.04	81.44	200	135
Total	8.85	179.39		
Khaparkheda				
Unit 1	2.74	51.14	140	65
Unit 2	0.00	34.18	0	0
Unit 3	3.74	74.02	164	145
Unit 4	4.02	41.80	185	150
Unit 5	8.76	188.00	410	320
Total	19.24	389.14		
Nasik				
Unit 3	2.60	17.77	131	95
Unit 4	3.40	53.48	167	98
Unit 5	2.49	4.92	135	47
Total	8.48	76.16		
Uran				
All Units	6.05	180.90	262	241
Total	6.05	180.90		
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	0.02	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.02		
Koyna				
Stage 1-2	2.05	52.73	420	40
Stage 4	0.86	35.50	442	0
Stage 3	1.04	41.74	160	0
Total	3.95	129.97		
Hydro				
KDPH	0.00	14.38	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	14.99	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.37	9.34	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	8.74	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.78	14.14	33	32
GHATGHAR	0.00	7.63	0	0
Total	1.49	69.21		
Wind				
Total	30.45	1030.57	0	0
Total	30.45	1030.57		
CPP				
APML(Mus)	73.25	1305.86	0	0
JSWEL(Mus)	18.47	511.79	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	15.98	173.90	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.98	58.09	0	0
Total	110.68	2049.64		
SOLAR				
Total	6.78	99.06	0	0
Total	6.78	99.06		
Tata				
Trombay 5	8.30	148.94	477	310
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.82	39.79	94	67
Trombay 7B	1.31	25.77	61	52
Trombay 8	4.90	108.56	221	196
TATA Hydro	4.95	138.65	425	0
Total	21.28	461.70		
AEML				
DTPS U-1&2	9.68	228.79	496	372
Total	9.68	228.79		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	100.05	1928.54	MSPGCL Total	111.54	2308.62
			MSPGCL Thml+Gas	106.10	2109.44	Koyna 1,2 & 4 Total	2.91	88.23
			MSPGCL Hydro	5.44	199.18	State Total	290.41	6178.38

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 23/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	3675	100	249	4024	1419	4440	0	0	5338	5310	-1249	13944	0	13944	2324	16268	50.01
2	3785	87	262	4134	1499	4689	0	0	5035	4770	-1100	13992	0	13992	2138	16130	50.02
3	3868	142	250	4260	1564	4476	0	0	4863	4643	-1005	13938	0	13938	2020	15958	50.00
4	3887	117	260	4264	1549	4035	0	0	4529	4801	-926	13723	0	13723	1929	15652	49.98
5	3934	107	261	4302	1425	4191	0	0	4817	5079	-909	14088	0	14088	1911	15999	50.00
6	3968	214	250	4432	1419	4790	0	0	5445	5831	-1004	15468	0	15468	2014	17482	50.02
7	4094	695	261	5050	1269	5038	0	35	6029	5988	-996	16384	0	16384	2176	18560	50.00
8	4123	522	251	4896	1133	5005	0	226	6222	6063	-928	16395	0	16395	2350	18745	50.03
9	4132	233	261	4626	1357	4788	0	482	6309	6305	-1192	16366	0	16366	2621	18987	50.01
10	4127	216	261	4604	1337	4822	0	714	6270	6086	-1783	15780	0	15780	3011	18791	50.03
11	4146	123	259	4528	1408	4689	0	803	6266	6114	-1910	15632	0	15632	3170	18802	50.03
12	4145	266	259	4670	1230	4668	0	842	6130	6463	-1947	15926	0	15926	3242	19168	49.99
13	4186	166	246	4598	1030	4658	0	896	6277	6327	-1878	15631	0	15631	3177	18808	49.98
14	4147	189	257	4593	1117	4667	0	848	5857	5705	-1738	15192	0	15192	3036	18228	50.00
15	4197	171	256	4624	1384	4645	0	751	6020	6035	-1766	15673	0	15673	3077	18750	49.99
16	4290	216	257	4763	1228	4630	0	580	5953	5779	-1777	15203	0	15203	3100	18303	49.98
17	4320	281	242	4843	954	4592	0	404	5849	6145	-1759	15179	0	15179	3069	18248	49.98
18	4416	216	250	4882	1018	4449	0	176	5848	5583	-1481	14627	0	14627	3020	17647	50.04
19	4450	168	242	4860	960	4547	0	19	5709	5628	-1204	14810	0	14810	2942	17752	50.03
20	4473	653	242	5368	1173	4605	0	0	5580	5824	-1140	15830	0	15830	2914	18744	50.01
21	4508	171	241	4920	1165	4565	0	0	5674	5720	-1185	15185	0	15185	2782	17967	50.01
22	4507	127	241	4875	1330	4542	0	0	5533	5411	-1309	14849	0	14849	2651	17500	50.00
23	4335	137	252	4724	1260	4667	0	0	5333	5470	-1266	14855	0	14855	2531	17386	50.04
24	4336	127	241	4704	1221	4481	0	0	5154	5345	-1255	14496	0	14496	2462	16958	50.01
MUs	100.05	5.44	6.05	111.54	30.45	110.68	0.00	6.78	136.04	136.42	-32.71	363.17	0.00	363.17	63.67	426.83	50.01

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 23/Aug/2019

Position as on 6.30 Hrs of 24/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)	
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	
MSPGCL	Khaparkhedda 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	Bhusawal Unit 3	210	28/06/2019	18.35		Continued.	Zero schedule.	
IPP	Dhariwal	300	01/07/2019	00.01		Continued.	NO SCHEDULE	
MSPGCL	Koyna Unit 10	80	05/08/2019	20.05		Continued.	Stator Earth Fault	
MSPGCL	Bhusawal Unit 4	500	20/08/2019	08.15	23/08/2019	04.34	Boiler Tube Leakage	
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	24/08/2019	00.00	BOTTOM AIR ERECTION SYSTEM PROBLEM.	
MSPGCL	Uran Unit 6	108	21/08/2019	19.35		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 4	210	22/08/2019	19.12		Continued.	Reverse Power Protection.	
MSPGCL	Parli Unit 7	250	23/08/2019	05.00	23/08/2019	07.55	Drum level low	
MSPGCL	Chandrapur Unit 3	210	23/08/2019	08.20		Continued.	Diffrential Expanssion High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Aug/2019

Statement-VII

Position as on 6.30 Hrs of 24/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
Waluj Aurangabad(PG)- I	InterState	23/08/2019	11.32	23/08/2019	11.58	HT	HT for shifting
Khadka-Aurangabad (Waluj)	IntraState	22/08/2019	18.01	23/08/2019	09.26	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	23/08/2019	08.14	23/08/2019	17.17	T	Distance Protection
Bus Coupler @ Lonikand	IntraState	23/08/2019	13.02	23/08/2019	13.37	T	Bus coupler Tripped at Chakan
Lonikand 1 - Chakan	IntraState	23/08/2019	13.02	23/08/2019	14.05	T	Bus coupler Tripped at Chakan
Khadka-Aurangabad (Waluj)	IntraState	23/08/2019	18.27		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.
167MVA 400/220 SPARE ICT @ Parali (Girwali)	IntraState	21/08/2019	17.21		Continued.	PO	TO RE-CONNECT THE EARTHING CABLE OF 220KV LA.
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	22/08/2019	23.18	23/08/2019	00.02	T	NDR Operated
400/220 KV 500 MVA ICT- III @Aurangabad (Waluj)	IntraState	23/08/2019	09.30	23/08/2019	19.00	PO	Replacement work
400/132 Kv 200 Mva Ict 1 @Khadka	IntraState	23/08/2019	12.14	23/08/2019	17.22	HT	HT ON Bucholz
400/220 Kv 315 Mva Ict 1 @Chakan	IntraState	23/08/2019	13.02	23/08/2019	13.44	T	Bus coupler Tripped at Chakan
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	Dist.Protection(Tower Bending Location no.28,29)
Nagothane-Wadkhal-I	IntraState	21/08/2019	10.02	23/08/2019	17.42	EO	To Attend Hot Spot And CT Replacement.
Eklahare (Gcr)(Nashik) - Airoli Know Park	IntraState	23/08/2019	09.35	23/08/2019	16.52	PO	Damaged Conductor Replacement work
Padghe - Nalasopara	IntraState	23/08/2019	09.54	23/08/2019	14.15	PO	Annual Maintenance Work
Malegaon-Sayne	IntraState	23/08/2019	10.05	23/08/2019	16.30	PO	Diagnostic Testing Work
Mahape - TIFIL	IntraState	23/08/2019	10.37	23/08/2019	22.19	PO	Replacement work
Mahad - Pedambe	IntraState	23/08/2019	11.32		Continued.	PO	Stringing work
Padghe - Jindal	IntraState	23/08/2019	11.35	23/08/2019	13.32	EO	Attending Hot Spot
Aurangabad PG (Chitepimpalgaon)-Shedra I	IntraState	23/08/2019	12.13	23/08/2019	18.06	PO	Diagnostic Testing Work
Nagothane-Wadkhal II	IntraState	23/08/2019	18.04		Continued.	PO	Attending Hot Spot
Trombay - Kalwa	IntraState	23/08/2019	21.20	24/08/2019	02.14	PO	PT Jumper Replacement of Bus Section
220 KV ICT Outages/Trippings							
220/110 Kv 200 Mva Vel Ptr 1 @Kolhapur-Ii (Mudshingi)	IntraState	23/08/2019	10.00	23/08/2019	12.15	PO	Quarterly Maintainance Work
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	23/08/2019	10.12	23/08/2019	19.15	PO	Attending Hot Spot
220/132 Kv 200 MVA ICT II @Babhleshwar	IntraState	23/08/2019	14.00	23/08/2019	20.15	PO	Routine Maintenance Work

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