

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Aug/2019 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	97.875	1828.491	1) Gujrat	12.089	136.362
2) Hydro	7.673	193.731	2) Madhya Pradesh	3.498	144.599
3) Gas	6.142	174.854	3) Chattisgarh	1.410	54.040
Total MSPGCL	111.690	2197.076	4) Maharashtra	127.847	2170.577
B) 1) APML	63.019	1232.614	5) Goa (Amona)	-0.396	-11.396
2) JSWEL	19.036	493.321	Total	144.448	2494.182
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.733	501.972
4) RPL(AMT)	16.541	157.923	b) Mumbai Drawl	31.111	619.287
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	18.729	292.701
6) Other IPP	2.856	55.104	Include PX	9.178	-22.343
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.733	500.278
C) 1) TPCL Thermal	13.869	244.299	Include PX	4.154	121.572
2) TPCL Hydro	5.025	133.698	Standby	0.000	1.694
3) TPCL Gas	3.257	62.428	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.936	219.107	1) MSEDCL	363.519	7103.336
D) STATE			2) Mumbai Discoms	63.197	1278.819
1) Thermal	223.132	4230.859	TOTAL STATE	426.716	8382.155
(A1+C1+C4+(B1-B6))					
2) Hydro	12.698	327.429			
(A2+C2)					
3) Gas	9.399	237.282			
(A3+B7+C3)					
4) Wind	31.071	1000.119			
6) SOLAR	5.969	92.284			
TOTAL STATE	282.269	5887.973			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4066	4265	4417	3679
MSPGCL Hydro	517	88	247	150
MSPGCL Gas	250	265	257	260
MSPGCL Total Generation	4833	4618	4921	4089
Central Sector Receipt	6985	6446	5721	5067
WIND	1101	2046	1741	949
CPP / IPP Thermal	4348	4055	4604	4182
CPP / IPP Gas	0	0	0	0
SOLAR	528	566	0	0
Exchange with Mumbai	-1430	-1796	-1288	-819
MSEDCL DEMAND MET	16365	15935	15700	13468
Load Shedding	0	0	0	0
MSEDCL DEMAND	16365	15935	15700	13468
TPCL GENERATION	1033	887	1138	732
AEML GENERATION	494	372	431	383
MUMBAI DEMAND	2957	3055	2857	1934
STATE DEMAND MET	19322	18990	18556	15402
STATE DEMAND	19322	18990	18556	15402
Frequency (Hz)	50.02	50.00	50.02	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 13.06 Hrs	49.81 Hz at 22.30 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 22/Aug/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.02	5.55	140	90
Unit 7	2.50	3.57	125	75
Unit 8	4.95	83.14	305	95
Unit 9	6.10	8.20	289	210
Unit 10	6.06	112.73	320	190
Total	22.63	213.18		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	171.19	0	0
Unit 5	8.88	195.02	435	335
Total	8.88	366.21		
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	3.97	3.98	245	29
Unit 8	0.00	0.00	0	0
Total	3.97	3.98		
Chandrapur				
Unit 3	2.73	51.28	142	53
Unit 4	2.07	52.40	125	0
Unit 5	7.80	138.80	360	290
Unit 6	7.75	148.99	364	285
Unit 7	0.00	0.00	0	0
Unit 8	5.65	102.77	300	123
Unit 9	5.23	142.76	283	140
Total	31.24	637.00		
Paras				
Unit 3	4.16	93.15	245	114
Unit 4	3.48	77.39	187	106
Total	7.63	170.54		
Khaparkheda				
Unit 1	1.78	48.40	110	55
Unit 2	0.00	34.18	0	0
Unit 3	3.47	70.29	153	135
Unit 4	3.54	37.78	170	100
Unit 5	8.68	179.25	400	300
Total	17.46	369.90		
Nasik				
Unit 3	2.20	15.17	120	0
Unit 4	3.54	50.08	160	127
Unit 5	0.32	2.43	62	0
Total	6.06	67.68		
Uran				
All Units	6.14	174.85	269	246
Total	6.14	174.85		
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)	0.01	0.02	7	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.01	0.02		
Koyna				
Stage 1-2	2.52	50.68	500	40
Stage 4	2.43	34.64	701	0
Stage 3	1.31	40.70	160	0
Total	6.26	126.01		
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.	0.25	8.96	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	8.40	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.82	13.36	35	34
GHATGHAR	0.00	7.63	0	0
Total	1.42	67.72		
Wind				
Total	31.07	1000.12	0	0
Total	31.07	1000.12		
CPP				
APML(Mus)	63.02	1232.61	0	0
JSWEL(Mus)	19.04	493.32	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	16.54	157.92	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.86	55.10	0	0
Total	101.45	1938.96		
SOLAR				
Total	5.97	92.28	0	0
Total	5.97	92.28		
Tata				
Trombay 5	8.92	140.63	477	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.92	37.97	94	69
Trombay 7B	1.34	24.46	60	53
Trombay 8	4.95	103.67	219	195
TATA Hydro	5.02	133.70	440	38
Total	22.15	440.42		
AEML				
DTPS U-1&2	9.94	219.11	497	371
Total	9.94	219.11		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	97.88	1828.49	MSPGCL Total	111.69	2197.08
			MSPGCL Thml+Gas	104.02	2003.34	Koyna 1,2 & 4 Total	4.95	85.32
			MSPGCL Hydro	7.67	193.73	State Total	282.27	5887.97

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 22/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	3887	143	259	4289	958	4279	0	0	5428	5264	-865	13925	0	13925	2337	16262	49.95
2	3861	90	259	4210	1005	4168	0	0	5294	5261	-853	13791	0	13791	2143	15934	50.01
3	3837	205	248	4290	923	4168	0	0	5200	5375	-869	13886	0	13886	2009	15896	49.97
4	3679	150	260	4089	949	4182	0	0	5172	5067	-819	13468	0	13468	1934	15402	49.94
5	3741	260	248	4249	1034	4175	0	0	5167	5019	-611	13866	0	13866	1926	15792	49.93
6	3912	772	260	4944	1048	4146	0	0	5576	5523	-650	15010	0	15010	2018	17028	49.97
7	3911	1290	269	5470	1049	4184	0	32	6141	6401	-737	16398	0	16398	2166	18564	49.94
8	4022	1314	250	5586	876	4206	0	192	6284	6429	-863	16426	0	16426	2348	18774	50.04
9	4066	635	260	4961	921	4315	0	430	6618	6845	-1202	16270	0	16270	2676	18946	50.03
10	4066	517	250	4833	1101	4348	0	528	6922	6985	-1430	16365	0	16365	2957	19322	50.02
11	4036	298	261	4595	1137	4390	0	700	7135	7053	-1783	16093	0	16093	3124	19217	50.03
12	4038	276	248	4562	1242	4297	0	753	7354	7126	-1975	16005	0	16005	3176	19181	50.04
13	4158	88	267	4513	1172	3993	0	752	7141	7241	-1852	15819	0	15819	3115	18934	49.98
14	4212	88	256	4556	1288	4166	0	761	6598	6305	-1714	15362	0	15362	3003	18366	50.00
15	4273	93	247	4613	1523	4218	0	716	6783	6459	-1751	15778	0	15778	3039	18817	49.99
16	4265	88	265	4618	2046	4055	0	566	6840	6446	-1796	15935	0	15935	3055	18990	50.00
17	4368	88	247	4703	1679	4111	0	361	6312	6026	-1808	15072	0	15072	3039	18111	49.99
18	4370	88	246	4704	1945	4075	0	153	5733	5509	-1615	14771	0	14771	2964	17735	50.00
19	4370	98	259	4727	1948	4121	0	25	5761	5593	-1441	14973	0	14973	2868	17841	50.04
20	4417	247	257	4921	1741	4604	0	0	5792	5721	-1288	15700	0	15700	2857	18556	50.02
21	4275	186	249	4710	1596	4483	0	0	5765	5658	-1363	15084	0	15084	2760	17844	50.00
22	4228	213	269	4710	1328	4116	0	0	5663	5908	-1278	14784	0	14784	2630	17414	50.02
23	4057	268	248	4573	1304	4252	0	0	5554	5771	-1273	14627	0	14627	2557	17184	49.98
24	3826	178	260	4264	1258	4401	0	0	5505	5463	-1275	14111	0	14111	2497	16608	50.00
MUs	97.88	7.67	6.14	111.69	31.07	101.45	0.00	5.97	145.74	144.45	-31.11	363.52	0.00	363.52	63.20	426.72	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 22/Aug/2019

Position as on 6.30 Hrs of 23/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	
IPP	Adani U-2	660	05/08/2019	00.13	22/08/2019	07.36	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	Bhusawal Unit 3	210	28/06/2019	18.35		Continued.	Zero schedule.	
IPP	Dhariwal	300	01/07/2019	00.01		Continued.	NO SCHEDULE	
MSPGCL	Nasik Unit 5	210	01/08/2019	22.45	22/08/2019	17.35	Zero 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		Continued.	BOTTOM AIR ERECTION SYSTEM PROBLEM.	
MSPGCL	Uran Unit 6	108	21/08/2019	19.35		Continued.	Gas shortage	
MSPGCL	Nasik Unit 3	210	22/08/2019	02.15	22/08/2019	05.00	Flame Failure	
MSPGCL	Chandrapur Unit 4	210	22/08/2019	19.12		Continued.	Drum level low	
MSPGCL	Parli Unit 7	250	23/08/2019	05.00		Continued.	Drum level low	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 22/Aug/2019

Statement-VII

Position as on 6.30 Hrs of 23/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
Khadka-Aurangabad (Waluj)	IntraState	21/08/2019	18.24	22/08/2019	10.34	HT	Over Voltage
Koradi 2-IEPL	IntraState	22/08/2019	08.57	22/08/2019	18.35	PO	Routine Maintenance Work
Girwali- Lonikand 2	IntraState	22/08/2019	09.19	22/08/2019	17.47	PO	Routine Maintenance Work
Khadka-Aurangabad (Waluj)	IntraState	22/08/2019	18.01		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-1 @Deepnagar	IntraState	22/08/2019	09.18	22/08/2019	21.10	PO	CT Clamp Replacement Work.
400/220KV 500MVA ICT-II@Tapitanda	IntraState	22/08/2019	09.34	22/08/2019	19.59	PO	Routine Maintenance Work
400/220/33kv 315MVA ICT-I @Lonikand	IntraState	22/08/2019	10.46	22/08/2019	21.40	PO	LTS Scheme Modification Work.
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	22/08/2019	23.18	23/08/2019	00.02	T	NDR Operated
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		Continued.	EO	To Attend Hot Spot And CT Replacement.
New Koyna - Pedambe	IntraState	22/08/2019	10.09	22/08/2019	20.39	PO	Testing Work
Eklahare (Gcr)(Nashik) - Airoli Know Park	IntraState	22/08/2019	10.31	22/08/2019	15.31	EO	Attending Hot Spot
Dhule-Chalisagaon	IntraState	22/08/2019	12.36	22/08/2019	13.08	T	Bus Bar Operated.
Baramati - Kurkumbh	IntraState	22/08/2019	14.40	22/08/2019	18.50	PO	Diagnostic Testing Work.
Roma-Bhavegar	IntraState	22/08/2019	16.28	22/08/2019	17.00	PO	Line Maintenance work
220 KV ICT Outages/Trippings							
220/132 Kv 200 MVA ICT I @Dhule	IntraState	22/08/2019	12.36	22/08/2019	13.14	T	Bus Bar Protection Operated
220/132 Kv 200MVA ICT II @Dhule	IntraState	22/08/2019	12.36	22/08/2019	13.15	T	Bus Bar Protection Operated

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