

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Aug/2019 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	107.885	2036.425	1) Gujrat	11.575	159.921
2) Hydro	3.750	202.925	2) Madhya Pradesh	3.459	150.808
3) Gas	6.026	186.931	3) Chattisgarh	0.860	55.410
Total MSPGCL	117.661	2426.281	4) Maharashtra	115.211	2407.431
B) 1) APML	66.732	1372.594	5) Goa (Amona)	-0.484	-12.342
2) JSWEL	16.977	528.766	Total	130.621	2761.228
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.706	547.483
4) RPL(AMT)	18.507	192.408	b) Mumbai Drawl	29.999	681.993
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	10.415	316.630
6) Other IPP	2.860	60.949	Include PX	1.834	-16.045
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.706	545.789
C) 1) TPCL Thermal	12.134	269.631	Include PX	6.010	131.431
2) TPCL Hydro	3.359	142.011	Standby	0.000	1.694
3) TPCL Gas	3.040	68.596	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.948	237.735	1) MSEDCL	366.481	7832.983
D) STATE			2) Mumbai Discoms	57.481	1399.967
1) Thermal	234.043	4698.508	TOTAL STATE	423.962	9232.950
(A1+C1+C4+(B1-B6))					
2) Hydro	7.109	344.936			
(A2+C2)					
3) Gas	9.066	255.527			
(A3+B7+C3)					
4) Wind	37.225	1067.793			
6) SOLAR	5.897	104.957			
TOTAL STATE	293.340	6471.721			

* 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	4442	4380	4642	4315
MSPGCL Hydro	350	309	313	87
MSPGCL Gas	247	247	248	242
MSPGCL Total Generation	5039	4936	5203	4644
Central Sector Receipt	6331	5925	5297	4647
WIND	1487	1381	1399	1626
CPP / IPP Thermal	4286	4605	4735	3951
CPP / IPP Gas	0	0	0	0
SOLAR	801	781	0	0
Exchange with Mumbai	-1589	-1537	-1212	-979
MSEDCL DEMAND MET	16355	16091	15422	13889
Load Shedding	0	0	0	0
MSEDCL DEMAND	16355	16091	15422	13889
TPCL GENERATION	825	837	960	636
AEML GENERATION	372	371	374	374
MUMBAI DEMAND	2786	2745	2546	1989
STATE DEMAND MET	19141	18836	17968	15878
STATE DEMAND	19141	18836	17968	15878
Frequency (Hz)	49.99	50.04	50.03	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 13.02 Hrs	49.82 Hz at 00.06 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 24/Aug/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.48	11.01	130	85
Unit 7	2.09	7.70	110	60
Unit 8	5.41	94.67	280	181
Unit 9	6.38	20.19	285	225
Unit 10	6.49	125.94	290	240
Total	22.86	259.52		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.17	185.84	420	310
Unit 5	6.98	210.74	375	0
Total	15.15	396.58		
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	3.84	10.92	176	140
Unit 8	0.00	0.00	0	0
Total	3.84	10.92		
Chandrapur				
Unit 3	0.00	51.54	0	0
Unit 4	1.56	53.95	127	0
Unit 5	7.58	153.68	335	270
Unit 6	6.78	162.19	320	224
Unit 7	0.00	0.00	0	0
Unit 8	7.32	114.05	370	200
Unit 9	7.24	153.73	366	175
Total	30.47	689.14		
Paras				
Unit 3	4.38	102.34	205	155
Unit 4	3.68	85.12	195	56
Total	8.06	187.46		
Khaparkheda				
Unit 1	2.36	53.50	110	80
Unit 2	0.00	34.18	0	0
Unit 3	3.68	77.70	170	136
Unit 4	3.76	45.56	170	145
Unit 5	8.36	196.36	400	320
Total	18.16	407.30		
Nasik				
Unit 3	2.99	20.76	143	106
Unit 4	3.34	56.82	159	116
Unit 5	3.01	7.93	152	95
Total	9.34	85.51		
Uran				
All Units	6.03	186.93	268	241
Total	6.03	186.93		
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)	0.06	0.07	40	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	0.07		
Koyna				
Stage 1-2	1.25	53.98	105	40
Stage 4	0.00	35.50	0	0
Stage 3	0.54	42.28	160	0
Total	1.79	131.76		
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.	0.32	9.66	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	9.08	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.79	14.93	34	33
GHATGHAR	0.50	8.14	125	0
Total	1.96	71.17		
Wind				
Total	37.22	1067.79	0	0
Total	37.22	1067.79		
CPP				
APML(Mus)	66.73	1372.59	0	0
JSWEL(Mus)	16.98	528.77	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	18.51	192.41	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.86	60.95	0	0
Total	105.08	2154.72		
SOLAR				
Total	5.90	104.96	0	0
Total	5.90	104.96		
Tata				
Trombay 5	7.33	156.27	317	294
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.76	41.54	103	55
Trombay 7B	1.28	27.05	63	47
Trombay 8	4.80	113.36	202	197
TATA Hydro	3.36	142.01	318	0
Total	18.53	480.24		
AEML				
DTPS U-1&2	8.95	237.74	375	371
Total	8.95	237.74		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	107.88	2036.42	MSPGCL Total	117.66	2426.28
			MSPGCL Thml+Gas	113.91	2223.36	Koyna 1,2 & 4 Total	1.25	89.48
			MSPGCL Hydro	3.75	202.92	State Total	293.34	6471.72

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 24/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	4351	157	241	4749	1310	4460	0	0	4716	4879	-1206	14192	0	14192	2364	16556	49.94
2	4333	87	252	4672	1482	4281	0	0	4957	4968	-1109	14294	0	14294	2203	16497	49.97
3	4330	87	241	4658	1561	4156	0	0	4696	4673	-1018	14030	0	14030	2075	16105	50.03
4	4315	87	242	4644	1626	3951	0	0	4502	4647	-979	13889	0	13889	1989	15878	50.00
5	4355	122	243	4720	1667	3922	0	0	4576	4678	-955	14032	0	14032	1963	15995	50.02
6	4366	92	256	4714	1773	4136	0	0	5617	5645	-984	15284	0	15284	2000	17284	50.01
7	4441	87	247	4775	1655	4521	0	27	6143	6338	-1013	16303	0	16303	2036	18339	50.01
8	4517	110	258	4885	1325	4753	0	183	6077	5698	-1098	15746	0	15746	2127	17873	50.03
9	4694	142	247	5083	1666	4764	0	423	5840	5739	-1282	16393	0	16393	2330	18723	50.05
10	4740	127	247	5114	1752	4399	0	631	5727	6092	-1476	16512	0	16512	2560	19072	50.02
11	4545	153	268	4966	1663	4186	0	788	5863	6143	-1607	16139	0	16139	2727	18866	50.04
12	4442	350	247	5039	1487	4286	0	801	6011	6331	-1589	16355	0	16355	2786	19141	49.99
13	4380	309	247	4936	1381	4605	0	781	5782	5925	-1537	16091	0	16091	2745	18836	50.04
14	4419	144	268	4831	1459	4713	0	762	5643	5643	-1461	15947	0	15947	2636	18583	50.05
15	4475	87	247	4809	1523	4629	0	657	5785	5955	-1406	16167	0	16167	2612	18779	49.97
16	4514	92	247	4853	1750	4621	0	434	5593	5657	-1433	15882	0	15882	2588	18470	49.99
17	4569	93	268	4930	1820	4388	0	281	5534	5581	-1397	15603	0	15603	2533	18136	50.02
18	4491	108	247	4846	1742	4116	0	118	5240	5320	-1321	14821	0	14821	2473	17294	49.95
19	4528	182	257	4967	1516	4324	0	11	5232	5213	-1216	14815	0	14815	2448	17263	49.97
20	4642	313	248	5203	1399	4735	0	0	5357	5297	-1212	15422	0	15422	2546	17968	50.03
21	4616	231	257	5104	1349	4489	0	0	5047	5360	-1165	15137	0	15137	2523	17660	50.04
22	4611	223	247	5081	1368	4184	0	0	5026	5164	-1128	14669	0	14669	2461	17130	50.03
23	4674	233	248	5155	1463	4190	0	0	5024	4905	-1138	14575	0	14575	2394	16969	50.04
24	4537	134	256	4927	1488	4267	0	0	4832	4770	-1269	14183	0	14183	2361	16544	49.99
MUs	107.88	3.75	6.03	117.66	37.23	105.08	0.00	5.90	128.82	130.62	-30.00	366.48	0.00	366.48	57.48	423.96	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 24/Aug/2019

Position as on 6.30 Hrs of 25/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	Khaparkhedha Unit 2	210	13/08/2019	15.01		Continued.	Flame Failure (Converted to AOH from 16-8-2019)	
MSPGCL	Koradi Unit-8	660	25/08/2019	00.01		Continued.	Annual Overhaul	
MSPGCL	Bhusawal Unit 5	500	25/08/2019	00.13		Continued.	Capital Overhaul	
MSPGCL	Paras Unit 4	250	25/08/2019	00.45		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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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	
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	24/08/2019	09.04	Reverse Power Protection.	
MSPGCL	Chandrapur Unit 3	210	23/08/2019	08.20		Continued.	Differential Expanssion High	
MSPGCL	Bhusawal Unit 5	500	24/08/2019	10.34	24/08/2019	12.50	Flame Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Aug/2019

Statement-VII

Position as on 6.30 Hrs of 25/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
Kalwa - Kharghar	IntraState	24/08/2019	07.16	24/08/2019	11.05	EO	For Removing Earth Wire
koaradi II - Wardha(PG)	IntraState	24/08/2019	08.45	24/08/2019	19.31	PO	Jumper Nut Bolt Tightening
Kharghar-Talegaon(PG)	IntraState	24/08/2019	12.30	24/08/2019	15.46	EO	To attend R Phase D Isolator Flange problem(shifted on TBC)
Khadka-Aurangabad (Waluj)	IntraState	24/08/2019	18.06		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, 500 MVA ICT-III @Babhleshwar	IntraState	24/08/2019	12.07	24/08/2019	16.55	PO	Testing Work
400/132 KV 200MVA ICT II @Bhusawal	IntraState	25/08/2019	09.39	25/08/2019	15.05	T	Tripped On PRV.
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.
Boiser(M)-Boiser(PG) -III	InterState	25/08/2019	07.34	25/08/2019	14.56	PO	Replacement of Damaged Conductor At LOC No-18.
Boisar(MS) - Boisar (PG) II	InterState	25/08/2019	15.59	25/08/2019	20.00	EO	Attending Hot Spot
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)
Mahad - Pedambe	IntraState	23/08/2019	11.32	25/08/2019	14.00	PO	Stringing 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
Parli 3 (Old Gcr)-Girwali Ckt 2	IntraState	24/08/2019	10.01	24/08/2019	12.27	PO	Testing Work
Chinchwad-Hinjewadi I	IntraState	24/08/2019	10.14	24/08/2019	17.13	PO	Half yearly maintenance work
Chalisgaon -Babhaleshwar	IntraState	24/08/2019	11.08	24/08/2019	12.45	PO	Fixing Aux Isolator Blades
Eklahara(Gcr)(Nasik)- Bableswhar 2	IntraState	25/08/2019	08.25	25/08/2019	19.58	PO	Single To Twin Jump Conversion Work.
Bhira Dharavi 7	IntraState	25/08/2019	09.50	25/08/2019	17.59	PO	Nima Airport Project Work.
Trombay Carnac 5	IntraState	25/08/2019	09.56	25/08/2019	16.55	PO	For ICT-5 NGT Replacement Work.
Trombay MSETCL Tie 2	IntraState	25/08/2019	10.15	25/08/2019	12.30	EO	Attending Hot Spot
Bridgestone - Chakan II	IntraState	25/08/2019	11.15	25/08/2019	13.27	PO	For Connection of R,Y,B Jump At LOC No-12.
Boisar Versova Line	IntraState	25/08/2019	15.56	25/08/2019	20.03	HT	Load Management.
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Emco Ict 2 @Raymond (Nasik 2)	IntraState	24/08/2019	09.56	24/08/2019	20.05	PO	Overhauling of OLTC
220/132 Kv 200 Mva Cgl Ict 1 @Raymond (Nasik 2)	IntraState	24/08/2019	09.56	24/08/2019	16.05	PO	Overhauling of OLTC
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	24/08/2019	10.26	24/08/2019	15.41	PO	To attend Fire Detector tripping
220/132 kv 200 MVA ICT- I @ Nanded	IntraState	24/08/2019	12.49	24/08/2019	17.12	PO	Control Cable replacement of HV&LV CT
Carnac : 220 / 110 / 33 315 MVA ICT 5	IntraState	25/08/2019	09.56	25/08/2019	17.00	PO	NGT Replacement Work.

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