

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/Aug/2019 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	98.520	2412.585	1) Gujrat	12.910	204.731
2) Hydro	23.387	244.888	2) Madhya Pradesh	4.109	167.207
3) Gas	6.176	211.526	3) Chattisgarh	1.250	62.340
Total MSPGCL	128.083	2868.999	4) Maharashtra	122.146	2888.648
B) 1) APMIL	63.281	1642.434	5) Goa (Amona)	-0.308	-13.992
2) JSWEL	16.648	599.550	Total	140.107	3308.934
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.977	643.319
4) RPL(AMT)	25.550	281.827	b) Mumbai Drawl	27.450	797.744
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	7.593	353.838
6) Other IPP	3.004	72.502	Include PX	-1.509	-14.510
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.977	641.625
C) 1) TPCL Thermal	16.147	325.225	Include PX	9.740	167.938
2) TPCL Hydro	6.150	161.614	Standby	0.000	1.694
3) TPCL Gas	2.640	79.100	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.427	278.267	1) MSEDCL	375.529	9297.269
D) STATE			2) Mumbai Discoms	63.814	1641.952
1) Thermal	234.577	5612.390	TOTAL STATE	439.343	10939.221
(A1+C1+C4+(B1-B6))					
2) Hydro	29.537	406.502			
(A2+C2)					
3) Gas	8.816	290.626			
(A3+B7+C3)					
4) Wind	20.806	1197.136			
6) SOLAR	5.500	123.631			
TOTAL STATE	299.236	7630.285			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4202	4159	4141	3944
MSPGCL Hydro	1209	1281	1630	203
MSPGCL Gas	249	260	250	250
MSPGCL Total Generation	5660	5700	6021	4397
Central Sector Receipt	6307	6252	6173	4831
WIND	902	822	1062	812
CPP / IPP Thermal	4566	4426	4446	4611
CPP / IPP Gas	0	0	0	0
SOLAR	557	589	0	0
Exchange with Mumbai	-1260	-1411	-1192	-818
MSEDCL DEMAND MET	16732	16378	16510	13833
Load Shedding	0	0	0	0
MSEDCL DEMAND	16732	16378	16510	13833
TPCL GENERATION	1233	1198	1229	716
AEML GENERATION	496	497	495	386
MUMBAI DEMAND	2989	3106	2916	1920
STATE DEMAND MET	19721	19484	19426	15753
STATE DEMAND	19721	19484	19426	15753
Frequency (Hz)	50.02	49.93	49.93	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 16.02 Hrs	49.72 Hz at 19.12 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 28/Aug/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.24	20.17	125	75
Unit 7	0.00	10.79	0	0
Unit 8	0.00	94.67	0	0
Unit 9	8.66	48.91	405	290
Unit 10	6.29	149.52	332	228
Total	17.20	324.06		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.27	224.98	500	425
Unit 5	0.00	210.80	0	0
Total	11.27	435.79		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.10	7.00	231	197
Unit 7	5.38	30.17	249	187
Unit 8	0.00	0.00	0	0
Total	10.49	37.16		
Chandrapur				
Unit 3	0.00	51.54	0	0
Unit 4	3.72	68.30	161	133
Unit 5	7.61	182.58	340	261
Unit 6	7.28	190.72	334	224
Unit 7	0.00	0.00	0	0
Unit 8	5.21	138.43	240	172
Unit 9	4.68	176.21	220	170
Total	28.50	807.77		
Paras				
Unit 3	4.65	120.29	238	140
Unit 4	0.00	85.18	0	0
Total	4.65	205.47		
Khaparkheda				
Unit 1	2.23	62.85	120	70
Unit 2	0.00	34.18	0	0
Unit 3	3.28	90.90	150	125
Unit 4	4.02	61.20	175	150
Unit 5	7.98	228.75	400	270
Total	17.50	477.87		
Nasik				
Unit 3	2.63	32.21	125	99
Unit 4	3.17	70.64	148	104
Unit 5	3.10	21.61	155	90
Total	8.91	124.47		
Uran				
All Units	6.18	211.53	272	249
Total	6.18	211.53		
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	0.43	33	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	0.43		
Koyna				
Stage 1-2	7.04	69.20	570	60
Stage 4	10.59	48.08	754	0
Stage 3	3.60	48.70	240	0
Total	21.23	165.98		
Hydro				
KDPH	0.00	14.38	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.41	15.76	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.46	11.45	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	10.47	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.53	17.87	23	22
GHATGHAR	0.41	8.98	125	0
Total	2.15	78.90		
Wind				
Total	20.81	1197.14	0	0
Total	20.81	1197.14		
CPP				
APML(Mus)	63.28	1642.43	0	0
JSWEL(Mus)	16.65	599.55	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	25.55	281.83	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	3.00	72.50	0	0
Total	108.48	2596.31		
SOLAR				
Total	5.50	123.63	0	0
Total	5.50	123.63		
Tata				
Trombay 5	10.94	192.10	482	351
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.46	47.36	62	60
Trombay 7B	1.18	31.74	50	48
Trombay 8	5.20	133.12	224	197
TATA Hydro	6.15	161.61	459	12
Total	24.94	565.94		
AEML				
DTPS U-1&2	11.43	278.27	498	374
Total	11.43	278.27		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	98.52	2412.58	MSPGCL Total	128.08	2869.00
			MSPGCL Thml+Gas	104.70	2624.11	Koyna 1,2 & 4 Total	17.64	117.28
			MSPGCL Hydro	23.39	244.89	State Total	299.24	7630.28

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 28/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	3830	288	260	4378	1008	4591	0	0	5187	5285	-1243	14019	0	14019	2287	16306	49.94
2	3903	143	262	4308	947	4599	0	0	4979	5289	-1030	14113	0	14113	2110	16223	50.00
3	3978	98	262	4338	920	4598	0	0	4918	5151	-911	14096	0	14096	1988	16084	50.01
4	3944	203	250	4397	812	4611	0	0	4893	4831	-818	13833	0	13833	1920	15753	50.00
5	3936	102	262	4300	695	4690	0	0	5056	5191	-636	14240	0	14240	1918	16158	50.03
6	4074	719	252	5045	685	4689	0	0	5288	5593	-707	15305	0	15305	2007	17312	50.01
7	4061	1652	261	5974	638	4599	0	30	5532	6185	-830	16596	0	16596	2153	18749	49.93
8	4019	1682	253	5954	611	4582	0	227	5614	6280	-885	16769	0	16769	2334	19103	49.97
9	4097	1677	271	6045	787	4576	0	415	5772	6079	-1085	16817	0	16817	2648	19465	49.97
10	4202	1209	249	5660	902	4566	0	557	6254	6307	-1260	16732	0	16732	2989	19721	50.02
11	4174	885	260	5319	805	4575	0	667	6628	6599	-1605	16360	0	16360	3173	19533	50.02
12	4174	748	251	5173	794	4578	0	716	6787	6722	-1717	16266	0	16266	3229	19495	50.01
13	4175	841	260	5276	818	4493	0	689	6654	6654	-1631	16299	0	16299	3170	19469	49.97
14	4136	962	250	5348	710	4416	0	660	6227	6279	-1433	15980	0	15980	3069	19049	49.99
15	4159	1281	260	5700	822	4426	0	589	5945	6252	-1411	16378	0	16378	3106	19484	49.93
16	4221	1567	249	6037	916	4409	0	462	6044	5810	-1350	16284	0	16284	3115	19399	50.01
17	4245	1342	260	5847	846	4422	0	331	5984	6084	-1365	16165	0	16165	3093	19258	50.04
18	4216	1265	249	5730	816	4437	0	141	5799	5906	-1371	15659	0	15659	3029	18688	49.98
19	4171	1337	261	5769	933	4440	0	16	5620	5870	-1224	15804	0	15804	2939	18743	50.00
20	4141	1630	250	6021	1062	4446	0	0	5676	6173	-1192	16510	0	16510	2916	19426	49.93
21	4236	1036	260	5532	1049	4434	0	0	5538	5737	-1066	15686	0	15686	2807	18493	49.99
22	4229	1059	272	5560	1192	4429	0	0	5294	5396	-929	15648	0	15648	2685	18333	50.02
23	4082	949	251	5282	1022	4437	0	0	5215	5291	-871	15161	0	15161	2605	17766	50.01
24	4117	712	261	5090	1016	4440	0	0	4980	5143	-880	14809	0	14809	2524	17333	50.00
MUs	98.52	23.39	6.18	128.08	20.81	108.48	0.00	5.50	135.88	140.11	-27.45	375.53	0.00	375.53	63.81	439.34	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 28/Aug/2019

Position as on 6.30 Hrs of 29/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 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.	
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	Ghatghar Unit-1	125	13/08/2019	21.30		Continued.	Water Leakage	
IPP	JSW (J) U4	300	21/08/2019	07.20		Continued.	CONDENSER CLEANING WORK.	
MSPGCL	Uran Unit 6	108	21/08/2019	19.35		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 3	210	23/08/2019	08.20	29/08/2019	02.29	Differential Expanssion High	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	COAL FLOW PROBLEM DUE TO WET COAL.	
MSPGCL	Khaparkhedha Unit 4	210	29/08/2019	00.26	29/08/2019	04.23	Furnace Pressure High	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 28/Aug/2019

Statement-VII

Position as on 6.30 Hrs of 29/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 I	InterState	26/08/2019	09.04		Continued.	HT	Over Voltage
Chandrapur Bhadravati III	InterState	27/08/2019	19.23	28/08/2019	20.04	T	DT RECIVED AT CHANDRAPUR END, PLCC CARD FAULTY AT BHADRAVATI END, REPLACED THE SAME.
Padghe - Kalwa-II	IntraState	27/08/2019	11.40	28/08/2019	20.38	PO	SHIFTED TBC AT PADGHA HOT SPOT WORK.
Khadka-Aurangabad (Waluj)	IntraState	27/08/2019	14.49		Continued.	HT	Over Voltage
Bus Coupler @ New Koyna	IntraState	28/08/2019	14.57	28/08/2019	16.38	PO	ATTENDING BREAKER OIL PRSSURE PROBLEM.
Chandrapur - Khaperkheda	IntraState	28/08/2019	19.22	28/08/2019	19.48	HT	SHIFTING OF BUS.
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.
400/220/33kv, 500 Mva Ict-2 @Kharkheda	IntraState	28/08/2019	10.33	28/08/2019	18.05	PO	TO ATTEND Y-PHASE FIRE TRIP ALARAM INDICATION ON CTR.
400/220/33 kv 315 MVA ICT-I @Chandrapur GCR	IntraState	28/08/2019	17.56	28/08/2019	18.19	HT	SHIFTING ON BUS.
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(MS) - Boisar (PG) II	InterState	28/08/2019	15.29	28/08/2019	17.30	PO	SHIFTING ON TBC FOR ATTENDING DC LEAKAGE PROBLEM OF OWN CB.
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)
Trombay - Kalwa	IntraState	26/08/2019	09.10		Continued.	PO	On TBC For CB Mechanism Overhauling Work.(Continued Upto 28.8.2019)
Nagothane-Wadkhal-I	IntraState	26/08/2019	11.26	28/08/2019	18.26	EO	SAG Repair Work.
Vasai Kamba	IntraState	27/08/2019	10.55		Continued.	PO	SHIFTED ON TBC MAIN BKR OVERHAULING.
Maisal-Jath I	IntraState	28/08/2019	08.55	28/08/2019	17.30	PO	BNAY CONDUCTOR STRENGTHENING & DIGNOSTIC TESTING WORK.
Eklahara(Gcr)(Nasik)- Bableshtar-I	IntraState	28/08/2019	09.00	28/08/2019	18.49	PO	SINGLE TO TWIN JUMP CONVERSION WORK.
chandrapur-Tadali	IntraState	28/08/2019	09.00	28/08/2019	12.50	PO	Line Maintenance work
Jejuri (400 Kv)-Jejuri ckt-I	IntraState	28/08/2019	09.16	28/08/2019	11.30	PO	DIGNOSTIC TESTING WORK.
Karad -Mudshingi Ckt- IV	IntraState	28/08/2019	10.30	28/08/2019	12.56	PO	Quarterly Maintenance Work
Jejuri (400 Kv)-Jejuri ckt-II	IntraState	28/08/2019	11.33	28/08/2019	12.29	PO	DIGNOSTIC TESTING WORK.
Wardha-Yeotmal	IntraState	28/08/2019	12.37	28/08/2019	19.20	PO	220KV MAIN BUS SEC-1 UNDER OUTAGE AT YEOTMAL.
Dondaicha(220)-Amalner(220)	IntraState	28/08/2019	15.45	28/08/2019	18.40	PO	Attending Hot Spot
220 KV ICT Outages/Trippings							
220/132 KV 100MVA ICT @ Bhandara	IntraState	26/08/2019	10.05		Continued.	PO	CB O/H Work.
200 MVA 220/132 KV ICT - 2 @VIRODA	IntraState	28/08/2019	11.14	28/08/2019	14.42	PO	ATTENDING NITROGEN INJECTION FIRE PREVENTION SYSTEM.
220/132 Kv 100 Mva Ict 1 @South Solapur (Kumbhari)	IntraState	28/08/2019	12.10	28/08/2019	15.10	PO	DIGNOSTIC TESTING WORK.

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 28/Aug/2019

Statement-VII

Position as on 6.30 Hrs of 29/Aug/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 100mva lct 2 @South Solapur (Kumbhari)	IntraState	28/08/2019	16.10	28/08/2019	17.40	PO	DIGNOSTIC TESTING WORK.
220/100 Kv 100 Mva Cgl lct 1 @Taloja	IntraState	28/08/2019	16.35	28/08/2019	17.05	HT	EMERGENCY DUE TO WATER COMING FROM RADIATOR. LOAD SHIFTED ON ICT-2.

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