

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/Aug/2018 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	95.075	2053.950	1) Gujrat	-3.448	-39.553
2) Hydro	6.702	126.954	2) Madhya Pradesh	5.254	145.827
3) Gas	5.912	103.568	3) Chattisgarh	4.580	89.550
Total MSPGCL	107.689	2284.472	4) Maharashtra Net	98.716	1953.591
B) 1) APML	52.973	1025.057	5) Goa (Amona)	-0.572	-12.760
2) JSWEL	11.206	283.745	Total	104.530	2136.655
3) VIPL	4.514	99.509	a) Mumbai Schedule	16.798	422.011
4) RPL(AMT)	10.384	464.451	b) Mumbai Drawl	22.011	508.915
5) WPCL	3.965	79.115	c) MSEDCL Bilateral *	18.023	365.487
6) PGPL	0.000	0.000	Include PX	-0.159	15.688
7) Other IPP	3.248	64.136	d) Mumbai Bilateral *	16.798	422.011
C) 1) TPCL Thermal	12.615	256.353	Include PX	3.891	134.656
2) TPCL Hydro	2.074	81.476	Include Standby	0.000	0.000
3) TPCL Gas	3.656	68.608	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.166	181.580	1) MSEDCL	332.695	6986.282
D) STATE			2) Mumbai Discoms	49.522	1096.933
1) Thermal	203.146	4507.896	TOTAL STATE	382.217	8083.215
(A1+C1+C4+(B1-B6))					
2) Hydro	8.776	208.430			
(A2+C2)					
3) Gas	9.568	172.176			
(A3+B6+C3)					
4) Wind	52.441	989.607			
6) SOLAR	3.756	68.450			
TOTAL STATE	277.687	5946.559			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4171	3906	4201	3750
MSPGCL Hydro	333	291	534	110
MSPGCL Gas	240	248	241	253
MSPGCL Total Generation	4744	4445	4976	4113
Central Sector Receipt	4917	4636	4718	3584
WIND	2119	2524	1967	2301
CPP / IPP Thermal	3823	3508	3819	3406
CPP / IPP Gas	0	0	0	0
SOLAR	236	528	0	0
Exchange with Mumbai	-707	-1212	-828	-766
MSEDCL DEMAND MET	15132	14429	14652	12638
Load Shedding	0	0	0	0
MSEDCL DEMAND	15132	14429	14652	12638
TPCL GENERATION	891	694	1074	617
R-INFRA GENERATION	416	375	377	374
MUMBAI DEMAND	2014	2281	2279	1757
STATE DEMAND MET	17146	16710	16931	14395
STATE DEMAND	17146	16710	16931	14395
Frequency (Hz)	49.99	50.04	49.95	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 15:04 Hrs	49.86 Hz at 18:12 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 19/Aug/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	3.92	0	0
Unit 8	7.32	160.74	332	241
Unit 9	8.39	174.46	420	316
Unit 10	0.00	0.00	0	0
Total	15.71	339.12		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	85.26	0	0
Unit 5	9.42	179.08	460	350
Total	9.42	264.33		
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	3.58	82.89	223	0
Unit 8	4.89	99.60	234	184
Total	8.46	182.49		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	2.69	61.22	157	0
Unit 5	7.28	158.52	345	260
Unit 6	7.56	94.22	350	280
Unit 7	7.81	162.49	403	242
Unit 8	5.71	150.19	260	205
Unit 9	0.00	82.86	0	0
Total	31.05	709.50		
Paras				
Unit 3	3.66	93.82	196	120
Unit 4	3.80	91.12	192	121
Total	7.46	184.94		
Khaparkheda				
Unit 1	0.00	33.37	0	0
Unit 2	2.99	62.11	140	90
Unit 3	3.66	38.83	162	137
Unit 4	3.46	68.80	156	136
Unit 5	8.88	94.33	400	360
Total	19.00	297.44		
Nasik				
Unit 3	3.97	49.22	182	157
Unit 4	0.00	26.91	0	0
Unit 5	0.00	0.00	0	0
Total	3.97	76.13		
Uran				
All Units	5.91	103.57	260	237
Total	5.91	103.57		
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)	0.04	1.32	19	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	1.32		
Koyna				
Stage 1-2	1.22	33.70	140	40
Stage 4	0.00	14.84	0	0
Stage 3	1.21	20.41	160	0
Total	2.42	68.96		
Hydro				
KDPH	0.82	12.32	34	34
VTRNA	1.02	5.77	61	0
TILLARI	0.80	13.71	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.42	7.86	80	0
RNGR+BHTSA	0.13	2.16	14	0
BHANDARDRA	0.34	6.45	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.55	9.37	31	20
GHATGHAR	0.21	0.34	125	0
Total	4.28	58.00		
Wind				
Total	52.44	989.61	0	0
Total	52.44	989.61		
CPP				
APML(Mus)	52.97	1025.06	0	0
JSWEL(Mus)	11.21	283.74	0	0
VIPL(Mus)	4.51	99.51	0	0
RPLAMT(Mus)	10.38	464.45	0	0
WPCL(Mus)	3.96	79.12	0	0
Other(Mus)	3.25	64.14	0	0
Total	86.29	2016.01		
SOLAR				
Total	3.76	68.45	0	0
Total	3.76	68.45		
Tata				
Trombay 5	7.58	156.88	419	295
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.22	42.73	116	64
Trombay 7B	1.44	25.87	67	51
Trombay 8	5.04	99.48	235	197
TATA Hydro	2.07	81.48	397	0
Total	18.34	406.44		
R-INFRA				
DTPS U-1&2	9.17	181.58	483	374
Total	9.17	181.58		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	95.08	2053.95	MSPGCL Total	107.69	2284.47
			MSPGCL Thml+Gas	100.99	2157.52	Koyna 1,2 & 4 Total	1.22	48.54
			MSPGCL Hydro	6.70	126.95	State Total	277.69	5946.56

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 19/Aug/2018

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	3786	171	252	4209	2226	3644	0	0	4240	3793	-981	12891	0	12891	1988	14879	50.02
2	3744	112	243	4099	2165	3396	0	0	4040	3910	-860	12710	0	12710	1850	14560	49.97
3	3750	110	253	4113	2301	3406	0	0	3931	3584	-766	12638	0	12638	1757	14395	49.97
4	3808	110	242	4160	2315	3398	0	0	3762	3670	-708	12835	0	12835	1699	14534	50.00
5	3831	120	252	4203	2209	3415	0	0	3857	3693	-695	12825	0	12825	1688	14513	49.97
6	4013	115	252	4380	2134	3694	0	1	4191	4233	-694	13748	0	13748	1762	15510	50.01
7	3999	180	243	4422	2080	3794	0	20	4716	4648	-580	14385	0	14385	1804	16189	50.02
8	4026	330	252	4608	1967	3785	0	110	4772	4913	-334	15049	0	15049	1890	16939	50.02
9	4171	333	240	4744	2119	3823	0	236	4832	4917	-707	15132	0	15132	2014	17146	49.99
10	4086	402	251	4739	1928	3846	0	355	4905	5034	-1047	14855	0	14855	2162	17017	50.00
11	4054	405	248	4707	1983	3734	0	475	4912	4890	-1164	14625	0	14625	2270	16895	49.96
12	4079	345	237	4661	2193	3660	0	500	4958	4550	-1191	14373	0	14373	2309	16682	49.99
13	3906	291	248	4445	2524	3508	0	528	4895	4636	-1212	14429	0	14429	2281	16710	50.04
14	3942	244	239	4425	2380	3443	0	411	4414	4351	-1147	13863	0	13863	2217	16080	50.04
15	3976	325	248	4549	2486	3448	0	366	4262	4408	-1097	14160	0	14160	2168	16328	50.02
16	3940	375	249	4564	2530	3407	0	360	4440	3980	-1057	13784	0	13784	2133	15917	50.05
17	3956	376	239	4571	2601	3248	0	264	4078	3868	-1007	13545	0	13545	2091	15636	50.00
18	3951	398	238	4587	2480	3196	0	115	3916	4094	-1011	13461	0	13461	2081	15542	49.97
19	4019	489	251	4759	2330	3426	0	15	4098	4580	-1051	14059	0	14059	2142	16201	50.00
20	4201	534	241	4976	1967	3819	0	0	4453	4718	-828	14652	0	14652	2279	16931	49.95
21	4190	296	260	4746	2016	3979	0	0	4442	4449	-742	14448	0	14448	2306	16754	50.03
22	3909	267	242	4418	1858	3822	0	0	4365	4809	-940	13967	0	13967	2285	16252	49.99
23	3886	187	241	4314	1835	3704	0	0	4318	4610	-1077	13386	0	13386	2219	15605	49.98
24	3852	187	251	4290	1814	3691	0	0	4329	4192	-1115	12872	0	12872	2127	14999	50.04
MUs	95.08	6.70	5.91	107.69	52.44	86.29	0.00	3.76	105.13	104.53	-22.01	332.70	0.00	332.70	49.52	382.22	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 19/Aug/2018

Position as on 6.30 Hrs of 20/Aug/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Parli Unit 6	250	23/07/2018	00:00		Continued.	Capital Overhaul	
MSPGCL	Koradi Unit 10	660	28/07/2018	01.09		Continued.	Annual Overhaul	
IPP	JSW (J) U2	300	28/07/2018	13.48		Continued.	Annual Overhaul	
IPP	Adani U-1	660	04/08/2018	00:00		Continued.	Annual Overhaul	
MSPGCL	Bhusawal Unit 4	500	10/08/2018	01.02		Continued.	Capital Overhaul	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown. (NO PPA FROM 01.04.2018)	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		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	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	IEPL Inter change	
MSPGCL	Uran Unit 6	108	09/06/2018	11.50		Continued.	GT winding short.	
MSPGCL	Ghatghar Unit-2	125	29/06/2018	01.12		Continued.	Stator Earth Fault	
IPP	IEPL Unit 1	270	11/07/2018	13.00		Continued.	poor coal receipt.	
MSPGCL	Nasik Unit 5	210	12/07/2018	00.00		Continued.	ZERO SCHEDULE.	
IPP	Dhariwal	300	13/07/2018	23.59		Continued.	Critical coal stock	
MSPGCL	Koradi Unit 6	210	16/07/2018	09.18		Continued.	R & M Work	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	VIPL U-2	300	27/07/2018	00.48		Continued.	Boiler Validity Extention	
MSPGCL	Koradi Unit 7	210	03/08/2018	15.54		Continued.	Poor Coal Receipt.	
MSPGCL	Nasik Unit 4	210	07/08/2018	15.35		Continued.	Coal Swapping.	
IPP	JSW (J) U1	300	09/08/2018	21.16		Continued.	CW DUCT LEAKAGE.	
MSPGCL	Khaparkheda Unit 1	210	11/08/2018	23.57		Continued.	Poor coal Receipt	
MSPGCL	Uran Unit B0	120	16/08/2018	02.05	19/08/2018	18.33	Sparking at B-0 R Phase Bushing.	
MSPGCL	Uran Unit 8	108	16/08/2018	02.05		Continued.	Sparking at B-0 R Phase Bushing.	
MSPGCL	Parli Unit 7	250	16/08/2018	23.45	19/08/2018	02.15	BOILER VALIDITY EXTENTION.	
IPP	RPL(AMT) U-4	270	17/08/2018	20.02		Continued.	zero schedule by MSEDCL.	
IPP	RPL(AMT) U-2	270	17/08/2018	23.00		Continued.	ZERO SCHEDULE BY MSEDCL.	
MSPGCL	Chandrapur Unit 9	500	18/08/2018	10.42		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 19/Aug/2018

Position as on 6.30 Hrs of 20/Aug/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-3	270	18/08/2018	11.35		Continued.	to leakage in cooling water system.	
MSPGCL	Chandrapur Unit 4	210	19/08/2018	20.36	20/08/2018	00.48	Drum level Very low Protection.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 19/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 20/Aug/2018

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 Sar'Sarovar I	InterState	16/08/2018	03.38		Continued.	T	Distance Protection
Dhule - Bableswhar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule- Bableswhar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Deepnagar - Aurangabad	IntraState	16/08/2018	06.46		Continued.	PO	LOC NO-54, R-PHASE STRING DECAPPED.(RFC at:13:16 dt:18/06/2018)
Karad-Jaigad - I	IntraState	18/08/2018	23.32		Continued.	HT	Over Voltage
Kharghar-Talegaon(PG)	IntraState	19/08/2018	11.59	19/08/2018	14.34	EO	Tree Cutting Work At Location No -9 & 10.
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	19/08/2018	16.53		Continued.	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.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Vita - Miraj	IntraState	16/06/2018	14.15		Continued.	PO	Construction Work.
Vita - Mhaishal	IntraState	16/06/2018	15.10		Continued.	PO	Construction Work.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To control line loading for availing outage on PG ckt 3.
Sonkhar - Trombay	IntraState	10/08/2018	08.49		Continued.	PO	Conductor Replacement Work.
Main Bus -II @Kolhapur(Talandage)	IntraState	18/08/2018	08.08		Continued.	PO	bus jump replacement & insulator string replacement.
Padgha - Temghar I	IntraState	18/08/2018	15.20		Continued.	HT	in lieu of bus a outage at padgha.
Padgha-Temghar-II	IntraState	18/08/2018	15.20		Continued.	PO	in lieu of bus a outage at padgha.
Bus A at Padgha	IntraState	18/08/2018	20:42	19/08/2018	16:45	EO	Dismantling of Hybrid pass Bus sectionaliser for Rectification of SF6 Leakage normalcy restored at 19:21 hrs.
Talandge(400)- Mudshingi 2 Line	IntraState	19/08/2018	09.53	19/08/2018	1705	PO	Insulator Replacement Work
Dondaicha(220)-Amalner(220)	IntraState	19/08/2018	11.32	19/08/2018	12.43	EO	Attending Hot Spot
Dhule-Amalner(220kv)	IntraState	19/08/2018	13.05	19/08/2018	15.29	EO	Attending Hot Spot
Uran - Kharghar I	IntraState	19/08/2018	22.43	20/08/2018	02.54	EO	Attending Hot Spot On Jumper At Location 88 Near Sion-Panvel Highway
Kadegaon-Miraj	IntraState	20/08/2018	02.37	20/08/2018	02.48	EO	All Load Shifted From Bus 2 To Bus Due To Chattering On Bus 2.
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Bhel Ict 1 @Padegaon	IntraState	30/06/2018	15:03		Continued.	T	Buchholz.
220/132 Kv 200 Mva Emco Ict 2 @Raymond (Nasik 2)	IntraState	18/08/2018	22.50		Continued.	HT	due to sparking on R-PH HV bushing.

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