

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Aug/2019 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	94.876	1444.740	1) Gujrat	10.109	92.801
2) Hydro	8.687	145.726	2) Madhya Pradesh	6.185	126.971
3) Gas	6.313	150.827	3) Chattisgarh	2.250	45.720
Total MSPGCL	109.876	1741.293	4) Maharashtra	113.216	1658.675
B) 1) APLM	59.286	991.412	5) Goa (Amona)	-0.528	-9.768
2) JSWEL	23.698	405.291	Total	131.232	1914.399
3) VIPL	0.000	0.000	a) Mumbai Schedule	21.198	400.012
4) RPL(AMT)	15.936	82.739	b) Mumbai Drawl	25.646	502.653
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	16.840	217.795
6) Other IPP	3.074	43.356	Include PX	1.816	-49.814
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	21.198	398.318
C) 1) TPCL Thermal	11.224	184.088	Include PX	6.675	91.707
2) TPCL Hydro	5.635	111.741	Standby	0.000	1.694
3) TPCL Gas	0.000	51.125	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.015	175.987	1) MSEDCL	346.787	5640.133
D) STATE			2) Mumbai Discoms	52.519	1025.592
1) Thermal	218.109	3327.613	TOTAL STATE	399.306	6665.725
(A1+C1+C4+(B1-B6))					
2) Hydro	14.322	257.467			
(A2+C2)					
3) Gas	6.313	201.952			
(A3+B7+C3)					
4) Wind	23.407	895.445			
6) SOLAR	5.924	68.851			
TOTAL STATE	268.075	4751.328			

* 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	3949	3951	4063	3834
MSPGCL Hydro	238	238	1301	117
MSPGCL Gas	271	271	246	279
MSPGCL Total Generation	4458	4460	5610	4230
Central Sector Receipt	6215	6017	5169	4957
WIND	716	751	940	1143
CPP / IPP Thermal	4466	4363	4391	3880
CPP / IPP Gas	0	0	0	0
SOLAR	706	732	0	0
Exchange with Mumbai	-1220	-1251	-1075	-897
MSEDCL DEMAND MET	15341	15072	15035	13313
Load Shedding	0	0	0	0
MSEDCL DEMAND	15341	15072	15035	13313
TPCL GENERATION	686	707	791	600
AEML GENERATION	492	438	491	372
MUMBAI DEMAND	2398	2396	2357	1869
STATE DEMAND MET	17739	17468	17392	15182
STATE DEMAND	17739	17468	17392	15182
Frequency (Hz)	49.96	50.01	49.81	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 03.03 Hrs	49.59 Hz at 19.11 Hrs	49.98	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 18/Aug/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	7.42	57.82	350	270
Unit 9	0.00	0.00	0	0
Unit 10	6.89	86.74	301	228
Total	14.31	144.56		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.63	158.68	415	330
Unit 5	8.24	157.29	380	310
Total	16.87	315.97		
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	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	3.48	38.71	152	135
Unit 4	3.08	41.33	150	118
Unit 5	8.35	108.10	365	300
Unit 6	8.04	117.64	370	290
Unit 7	0.00	0.00	0	0
Unit 8	0.00	80.74	0	0
Unit 9	9.10	118.22	426	287
Total	32.05	504.74		
Paras				
Unit 3	5.04	73.55	241	180
Unit 4	3.12	62.88	147	85
Total	8.16	136.44		
Khaparkheda				
Unit 1	3.24	39.15	160	100
Unit 2	0.00	34.18	0	0
Unit 3	3.40	56.88	160	125
Unit 4	3.60	22.98	150	150
Unit 5	9.29	145.49	430	335
Total	19.53	298.68		
Nasik				
Unit 3	0.00	8.18	0	0
Unit 4	3.96	34.06	189	152
Unit 5	0.00	2.11	0	0
Total	3.96	44.36		
Uran				
All Units	6.31	150.83	290	243
Total	6.31	150.83		
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	0.00	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.00		
Koyna				
Stage 1-2	2.26	36.56	430	40
Stage 4	2.16	17.18	682	0
Stage 3	1.51	33.32	160	0
Total	5.93	87.05		
Hydro				
KDPH	0.89	14.06	37	37
VTRNA	0.00	0.00	0	0
TILLARI	0.00	13.64	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.36	7.58	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	7.02	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.64	9.97	27	26
GHATGHAR	0.53	6.41	125	0
Total	2.76	58.67		
Wind				
Total	23.41	895.44	0	0
Total	23.41	895.44		
CPP				
APML(Mus)	59.29	991.41	0	0
JSWEL(Mus)	23.70	405.29	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	15.94	82.74	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	3.07	43.36	0	0
Total	101.99	1522.80		
SOLAR				
Total	5.92	68.85	0	0
Total	5.92	68.85		
Tata				
Trombay 5	7.89	100.64	414	276
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	30.99	0	0
Trombay 7B	0.00	20.13	0	0
Trombay 8	3.34	83.45	220	0
TATA Hydro	5.64	111.74	406	108
Total	16.86	346.95		
AEML				
DTPS U-1&2	10.02	175.99	497	372
Total	10.02	175.99		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	94.88	1444.74	MSPGCL Total	109.88	1741.29
			MSPGCL Thml+Gas	101.19	1595.57	Koyna 1,2 & 4 Total	4.42	53.73
			MSPGCL Hydro	8.69	145.73	State Total	268.08	4751.33

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 18/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	3827	181	278	4286	748	4485	0	0	5086	4909	-1078	13350	0	13350	2202	15552	50.04
2	3773	117	279	4169	1131	4257	0	0	4920	5033	-985	13605	0	13605	2038	15643	50.02
3	3810	137	280	4227	1202	4130	0	0	4846	4708	-958	13309	0	13309	1935	15244	50.04
4	3834	117	279	4230	1143	3880	0	0	4831	4957	-897	13313	0	13313	1869	15182	50.05
5	3866	117	278	4261	1031	3942	0	0	4833	5243	-885	13592	0	13592	1845	15437	49.98
6	3999	493	279	4771	1012	4391	0	0	4887	5074	-888	14360	0	14360	1893	16253	49.97
7	3970	972	290	5232	894	4521	0	28	5192	5198	-766	15107	0	15107	1909	17016	49.97
8	4006	393	279	4678	852	4542	0	206	5909	5686	-802	15162	0	15162	1964	17126	49.98
9	3986	238	276	4500	1042	4164	0	441	6130	6070	-1027	15190	0	15190	2095	17285	49.98
10	3965	308	275	4548	773	4268	0	614	5970	6237	-1156	15284	0	15284	2225	17509	49.97
11	3997	241	264	4502	747	4392	0	716	6096	6304	-1284	15377	0	15377	2351	17728	50.03
12	3949	238	271	4458	716	4466	0	706	6391	6215	-1220	15341	0	15341	2398	17739	49.96
13	3951	238	271	4460	751	4363	0	732	6491	6017	-1251	15072	0	15072	2396	17468	50.01
14	3964	180	249	4393	830	4168	0	698	6283	6105	-1368	14826	0	14826	2312	17138	49.99
15	3985	158	244	4387	1188	3917	0	689	6059	5966	-1256	14891	0	14891	2285	17176	50.00
16	4105	163	245	4513	1406	3937	0	510	5827	5723	-1192	14897	0	14897	2250	17147	49.98
17	3986	126	246	4358	1374	3758	0	380	5764	5617	-1143	14344	0	14344	2218	16562	49.99
18	3986	266	245	4497	1299	3639	0	187	5213	5270	-1134	13758	0	13758	2205	15963	49.97
19	4056	360	246	4662	1437	4104	0	17	5053	4942	-1126	14036	0	14036	2212	16248	49.90
20	4063	1301	246	5610	940	4391	0	0	5099	5169	-1075	15035	0	15035	2357	17392	49.81
21	4037	1007	247	5291	773	4535	0	0	5120	5045	-1024	14620	0	14620	2415	17035	49.88
22	3978	693	257	4928	755	4632	0	0	5146	5164	-986	14493	0	14493	2402	16895	50.00
23	3903	416	246	4565	699	4626	0	0	5322	5316	-1036	14170	0	14170	2389	16559	49.96
24	3880	227	243	4350	664	4486	0	0	5463	5264	-1109	13655	0	13655	2355	16010	50.02
MUs	94.88	8.69	6.31	109.88	23.41	101.99	0.00	5.92	131.93	131.23	-25.65	346.79	0.00	346.79	52.52	399.31	49.98

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 18/Aug/2019

Position as on 6.30 Hrs of 19/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	Koyana 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)	
MSPGCL	Koradi Unit 9	660	19/07/2019	17.35		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
IPP	Adani U-2	660	05/08/2019	00.13		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	Parli Unit 7	250	25/06/2019	09.45		Continued.	Water 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	
IPP	RPL(AMT) U-2	270	25/07/2019	02.00		Continued.	Zero Schedule	
IPP	RPL(AMT) U-1	270	25/07/2019	08.00	18/08/2019	16.55	Zero schedule.	
MSPGCL	Koradi Unit 6	210	27/07/2019	15.32		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	27/07/2019	15:47		Continued.	Zero Schedule.	
MSPGCL	Nasik Unit 5	210	01/08/2019	22.45		Continued.	Zero Schedule.	
MSPGCL	Nasik Unit 3	210	05/08/2019	09.15		Continued.	Zero Schedule.	
MSPGCL	Koyana Unit 10	80	05/08/2019	20.05		Continued.	Stator Earth Fault	
MSPGCL	Khaparkheda Unit 2	210	13/08/2019	15.01		Continued.	Flame Failure	
MSPGCL	Chandrapur Unit-8	500	14/08/2019	22.06	19/08/2019	04.38	Boiler Tube Leakage	
TPC-G	Trombay 7B	60	15/08/2019	18.55		Continued.	Gas pressure Low	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 18/Aug/2019

Position as on 6.30 Hrs of 19/Aug/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
TPC-G	Trombay 7A	120	15/08/2019	22.57		Continued.	Gas pressure Low	
MSPGCL	Uran Unit B0	120	16/08/2019	23.17		Continued.	Gas shortage	
MSPGCL	Uran Unit 8	108	16/08/2019	23.17		Continued.	Gas shortage	
IPP	RPL(AMT) U-5	270	18/08/2019	13.50		Continued.	Electrical Fault Rotor Earth Fault Protection Operated.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Aug/2019

Statement-VII

Position as on 6.30 Hrs of 19/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
Boisar (PG)- Aurangabad (PG)-I	InterState	10/08/2019	01.30	18/08/2019	08.31	HT	Over Voltage
Dhule Khandwa II	InterState	17/08/2019	08.04		Continued.	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	18/08/2019	14.48	18/08/2019	15.41	T	Distance Protection, Y-PH.3.8KA.90KM From Dhule.
Dhule Sar'Sarovar II	InterState	18/08/2019	15.46		Continued.	T	Distance Protection, Y-PH.3.8KA.90KM From Dhule.
Chandrapur-II - Nanded ckt II	IntraState	30/07/2019	23.38	18/08/2019	07.11	T	Over Voltage(RFC 18.54 DT.17-8-2019)
Khadka-Aurangabad (Waluj)	IntraState	17/08/2019	17.54	18/08/2019	09.22	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	18/08/2019	16.50		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.
400/220/33 Kv 600 MVA ICT 4 @Padghe	IntraState	12/08/2019	04.52		Continued.	T	LV Side Y-Ph LA Burst.
400/220 Kv 315 Mva Ict 1 @Chakan	IntraState	19/08/2019	01.10	19/08/2019	02.48	T	186 operated 220KV Volkswagen Line CT Flash Over LA - 199 MW.
400/220 Kv 315 MVA ICT-II @Chakan	IntraState	19/08/2019	01.10	19/08/2019	04.31	T	Back Up Relay 220KV Volkswagen Line CT Flash Over.
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	Distance Protection
Padgha-Temghar-II	IntraState	12/08/2019	11.12		Continued.	HT	To Divert The Load of Padgha ICT.
Padgha - Temghar I	IntraState	14/08/2019	18.03		Continued.	HT	Control Padgha ICT Loading.
Kolshet-Roma	IntraState	17/08/2019	07.31	18/08/2019	19.46	PO	Extension of Bus Bar For Proposed 02 Nos On 220KV T/F Bays At 220KV.
Roma-Bhavegar	IntraState	17/08/2019	08.06	18/08/2019	20.1	PO	BUS BAR Extension Work.
Trombay - Kalwa	IntraState	18/08/2019	09.16	18/08/2019	17.29	T	BUS 2 Protection OPTD Due To R-PH PT Blast. Load Affected Nil.
Trombay MSETCL Tie 2	IntraState	18/08/2019	09.16	18/08/2019	16.27	T	BUS 2 Protection OPTD Due To R-PH PT Blast. Load Affected Nil.
Trombay-Chembur Line 2	IntraState	18/08/2019	09.16	18/08/2019	16.00	T	BUS 2 Protection OPTD Due To R-PH PT Blast. Load Affected Nil.
Uran - Apta IV	IntraState	18/08/2019	11.17	18/08/2019	18.47	EO	Attending TCS Faulty Problem.
Chakan-Chinchwad	IntraState	19/08/2019	01.10	19/08/2019	03.58	T	220KV Volkswagen Line CT Flash Over.
Chakan-Mahindra Vehicle	IntraState	19/08/2019	01.10	19/08/2019	04.46	T	220KV Volkswagen Line CT Flash Over.
Chakan (400kv)-Volskwagon	IntraState	19/08/2019	01.10		Continued.	T	220KV Volkswagen Line CT Flash Over.
Bridgestone - Chakan II	IntraState	19/08/2019	05.30	19/08/2019	06.54	PO	Charging Of Chakan Phase-2 & Volkswagon S/S.
Halkarni-Olam(Agro)	IntraState	19/08/2019	05.45	19/08/2019	06.34	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132Kv 200MVA ICT-I @ Akola	IntraState	17/08/2019	09.08	18/08/2019	12.13	PO	Replacement of Y & B Phase LV Bushings.
220/132-110kv 100mva Imp Ptr 1 @Wathar	IntraState	18/08/2019	02.45	18/08/2019	06.25	T	Trip On OSR Relay.
220/22 Kv 50 Mva Ptr 3 @Chakan	IntraState	19/08/2019	01.10	19/08/2019	04.51	T	220KV Volkswagen Line CT Flash Over.

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 18/Aug/2019

Statement-VII

Position as on 6.30 Hrs of 19/Aug/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/22 KV 50MVA T/F-I @ Chakan II	IntraState	19/08/2019	01.10	19/08/2019	05.24	T	220KV Volkswagen Line CT Flash Over.