

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Aug/2018 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	124.457	1147.697	1) Gujrat	-3.164	-9.464
2) Hydro	5.693	59.416	2) Madhya Pradesh	8.027	96.159
3) Gas	5.871	58.232	3) Chattisgarh	4.910	51.510
Total MSPGCL	136.021	1265.345	4) Maharashtra Net	105.233	1036.277
B) 1) APML	55.301	552.547	5) Goa (Amona)	-0.660	-7.392
2) JSWEL	12.160	181.879	Total	114.346	1167.090
3) VIPL	5.054	54.155	a) Mumbai Schedule	21.937	235.633
4) RPL(AMT)	25.342	264.568	b) Mumbai Drawl	28.407	284.298
5) WPCL	2.122	40.020	c) MSEDCL Bilateral *	14.149	186.192
6) PGPL	0.000	0.000	Include PX	0.043	3.871
7) Other IPP	3.240	35.465	d) Mumbai Bilateral *	21.937	235.633
C) 1) TPCL Thermal	13.349	137.206	Include PX	8.204	82.815
2) TPCL Hydro	5.119	46.796	Include Standby	0.000	0.000
3) TPCL Gas	4.198	33.790	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.561	96.109	1) MSEDCL	382.850	3823.993
D) STATE			2) Mumbai Discoms	60.634	598.200
1) Thermal	250.586	2509.646	TOTAL STATE	443.484	4422.193
(A1+C1+C4+(B1-B6))					
2) Hydro	10.812	106.212			
(A2+C2)					
3) Gas	10.069	92.022			
(A3+B6+C3)					
4) Wind	53.692	507.218			
6) SOLAR	3.979	40.004			
TOTAL STATE	329.138	3255.102			

* 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 4 Hrs
MSPGCL Thermal	5344	5377	5420	4753
MSPGCL Hydro	400	219	319	189
MSPGCL Gas	250	238	238	250
MSPGCL Total Generation	5994	5834	5977	5192
Central Sector Receipt	5852	5242	4606	3992
WIND	2214	2774	2234	1814
CPP / IPP Thermal	4520	4420	4431	4164
CPP / IPP Gas	0	0	0	0
SOLAR	311	493	0	0
Exchange with Mumbai	-996	-1627	-1270	-757
MSEDCL DEMAND MET	17895	17136	15978	14405
Load Shedding	0	0	0	0
MSEDCL DEMAND	17895	17136	15978	14405
TPCL GENERATION	1093	1081	1145	633
R-INFRA GENERATION	501	377	375	375
MUMBAI DEMAND	2590	3085	2790	1765
STATE DEMAND MET	20485	20221	18768	16170
STATE DEMAND	20485	20221	18768	16170
Frequency (Hz)	50.02	49.98	49.87	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 16.01 Hrs	49.72 Hz at 21.09 Hrs	49.95	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 10/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	9.36	89.51	500	300
Unit 9	9.88	92.48	501	301
Unit 10	0.00	0.00	0	0
Total	19.24	185.91		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.40	85.26	390	0
Unit 5	9.12	92.02	450	320
Total	9.52	177.27		
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	5.19	50.99	248	184
Unit 8	5.57	53.98	240	218
Total	10.76	104.98		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	4.31	27.21	183	174
Unit 5	9.68	97.08	421	385
Unit 6	10.12	85.09	460	0
Unit 7	9.69	100.75	420	373
Unit 8	10.38	76.75	451	413
Unit 9	9.88	22.01	440	393
Total	54.06	408.89		
Paras				
Unit 3	4.49	49.50	213	160
Unit 4	5.38	50.12	250	191
Total	9.87	99.62		
Khaparkheda				
Unit 1	3.02	30.74	145	110
Unit 2	3.64	35.44	165	125
Unit 3	0.00	11.40	0	0
Unit 4	3.62	37.70	165	140
Unit 5	6.69	15.44	420	0
Total	16.98	130.72		
Nasik				
Unit 3	4.04	13.40	189	159
Unit 4	0.00	26.91	0	0
Unit 5	0.00	0.00	0	0
Total	4.04	40.30		
Uran				
All Units	5.87	58.23	261	237
Total	5.87	58.23		
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	0.52	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.52		
Koyna				
Stage 1-2	1.42	17.92	205	20
Stage 4	0.14	7.17	137	0
Stage 3	1.10	9.24	160	0
Total	2.66	34.33		
Hydro				
KDPH	0.86	4.71	36	36
VTRNA	0.24	0.80	60	0
TILLARI	0.72	6.84	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.46	4.08	80	0
RNGR+BHTSA	0.00	0.32	0	0
BHANDARDRA	0.34	3.36	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.41	4.98	26	14
GHATGHAR	0.00	0.00	0	0
Total	3.03	25.09		
Wind				
Total	53.69	507.22	0	0
Total	53.69	507.22		
CPP				
APML(Mus)	55.30	552.55	0	0
JSWEL(Mus)	12.16	181.88	0	0
VIPL(Mus)	5.05	54.16	0	0
RPLAMT(Mus)	25.34	264.57	0	0
WPCL(Mus)	2.12	40.02	0	0
Other(Mus)	3.24	35.46	0	0
Total	103.22	1128.63		
SOLAR				
Total	3.98	40.00	0	0
Total	3.98	40.00		
Tata				
Trombay 5	8.10	84.52	476	303
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.63	21.32	120	63
Trombay 7B	1.57	12.47	69	51
Trombay 8	5.25	52.69	234	214
TATA Hydro	5.12	46.80	431	0
Total	22.67	217.79		
R-INFRA				
DTPS U-1&2	9.56	96.11	502	374
Total	9.56	96.11		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	124.46	1147.70	MSPGCL Total	136.02	1265.34
			MSPGCL Thml+Gas	130.33	1205.93	Koyna 1,2 & 4 Total	1.56	25.09
			MSPGCL Hydro	5.69	59.42	State Total	329.14	3255.10

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 10/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	5015	194	250	5459	1981	4065	0	0	3629	3971	-1001	14475	0	14475	2080	16555	49.91
2	4628	415	240	5283	1863	4093	0	0	3767	3905	-841	14303	0	14303	1923	16226	49.97
3	4742	235	240	5217	1942	4160	0	0	4007	3816	-784	14351	0	14351	1820	16171	49.98
4	4753	189	250	5192	1814	4164	0	0	4129	3992	-757	14405	0	14405	1765	16170	49.98
5	4882	189	240	5311	1906	4208	0	0	4278	4376	-754	15047	0	15047	1762	16809	49.96
6	5096	189	249	5534	1757	4462	0	0	4733	4678	-744	15687	0	15687	1892	17579	49.94
7	5180	482	250	5912	1595	4509	0	18	5676	5689	-721	17002	0	17002	2079	19081	49.87
8	5241	434	241	5916	1881	4504	0	134	5915	6161	-821	17775	0	17775	2276	20051	49.98
9	5344	400	250	5994	2214	4520	0	311	5691	5852	-996	17895	0	17895	2590	20485	50.02
10	5427	330	239	5996	2435	4357	0	388	5451	5590	-1271	17495	0	17495	2898	20393	49.95
11	5343	326	248	5917	2598	4230	0	483	5397	5524	-1628	17124	0	17124	3089	20213	50.00
12	5333	193	246	5772	2707	4449	0	487	5498	5599	-1677	17337	0	17337	3140	20477	49.93
13	5377	219	238	5834	2774	4420	0	493	5522	5242	-1627	17136	0	17136	3085	20221	49.98
14	5390	240	237	5867	2555	4198	0	481	5355	5224	-1523	16802	0	16802	2963	19765	49.97
15	5386	163	244	5793	2506	4144	0	449	5292	5129	-1527	16494	0	16494	2996	19490	49.90
16	5420	145	247	5812	2585	4179	0	371	5286	5233	-1474	16706	0	16706	2981	19687	49.96
17	5313	145	237	5695	2694	4184	0	250	5245	4536	-1471	15888	0	15888	2943	18831	49.99
18	5271	145	250	5666	2694	4168	0	94	4989	4557	-1520	15659	0	15659	2880	18539	49.98
19	5268	188	248	5704	2633	4302	0	20	4406	4307	-1502	15464	0	15464	2799	18263	49.94
20	5420	319	238	5977	2234	4431	0	0	4536	4606	-1270	15978	0	15978	2790	18768	49.87
21	5441	228	249	5918	1968	4534	0	0	4471	4071	-1188	15303	0	15303	2669	17972	49.91
22	5394	110	239	5743	2123	4324	0	0	4409	4037	-1088	15139	0	15139	2521	17660	49.92
23	5066	110	240	5416	2219	4276	0	0	4282	3997	-1089	14819	0	14819	2401	17220	49.93
24	4727	105	261	5093	2014	4339	0	0	4143	4254	-1133	14567	0	14567	2292	16859	49.95
MUs	124.46	5.69	5.87	136.02	53.69	103.22	0.00	3.98	116.11	114.35	-28.41	382.85	0.00	382.85	60.63	443.48	49.95

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 10/Aug/2018

Position as on 6.30 Hrs of 11/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.	Annual 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 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	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Ghatghar Unit-1	125	14/04/2018	23.45		Continued.	Stator Earth Fault	
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.	Bucchholz relay operated.	
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.	due to low pressure.	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	compressor search protection	
IPP	VIPL U-2	300	27/07/2018	00.48		Continued.	Boiler Validity Extention	
MSPGCL	Khaparkheda Unit 3	210	04/08/2018	23.03		Continued.	Chemical parameter abnormal.	
MSPGCL	Koyana STG-IV Unit-2	250	07/08/2018	09.00		Continued.	replacement of Valve.	
MSPGCL	Khaparkheda Unit 5	500	07/08/2018	09.33	10/08/2018	04.06	Due To Speed Sensor Supply Failed.	
CPP	SWPGL U-3	135	08/08/2018	15.25	10/08/2018	22.41	ID Fan Problem	
MSPGCL	Khaparkheda Unit 3	210	09/08/2018	07:00		Continued.	Poor Coal Receipt	
IPP	JSW (J) U1	300	09/08/2018	21.16		Continued.	CW DUCT LEAKAGE.	
MSPGCL	Koyana Unit 1	70	10/08/2018	10.05	10/08/2018	19.20	OUTAGE ON BUS-SECTION 1.	
MSPGCL	Koyana Unit 4	70	10/08/2018	10.05	10/08/2018	18.35	OUTAGE ON BUS-SECTION 1.	
MSPGCL	Koyana Unit 3	70	10/08/2018	10.05	10/08/2018	18.40	OUTAGE ON BUS-SECTION 1.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 10/Aug/2018

Position as on 6.30 Hrs of 11/Aug/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koyana Unit 2	70	10/08/2018	10.05	10/08/2018	19.25	OUTAGE ON BUS-SECTION 1.	
MSPGCL	Chandrapur Unit 6	500	10/08/2018	23.15		Continued.	Water Shortage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 10/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 11/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	09/08/2018	18.33		Continued.	HT	Over Voltage
Dhule - Bableshwar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule- Bableshwar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Karad - Jaigad - II	IntraState	07/08/2018	20.36		Continued.	HT	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	09/08/2018	14.37	10/08/2018	06.31	PO	reactor bushing B PHASE failure work ahead.(RFC.21.04).
Khadka-Aurangabad (Waluj)	IntraState	09/08/2018	18.33	10/08/2018	07.27	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	10/08/2018	14.30		Continued.	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220 Kv 315 Mva Ict 1 @Chakan	IntraState	10/08/2018	11.48	10/08/2018	17.24	PO	ISOLATOR REPLACEMENT WORK.
400/220 KV 315 MVA ICT-I @ Nagothane	IntraState	10/08/2018	16.04	10/08/2018	17.38	T	220KV Bus Bar Protection 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.
Kalwa 52B Interconnector CB	IntraState	01/06/2018	01.35		Continued.	HT	To control load on ICT.
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.	T	To control line loading for availing outage on PG ckt 3.
Hingoli- Girawali	IntraState	09/08/2018	20.18	10/08/2018	17.39	HT	DISC STRING IS BROKEN
Theur-Jejuri	IntraState	10/08/2018	05.10	10/08/2018	11.41	T	Distance Protection
Sonkhar - Trombay	IntraState	10/08/2018	08.49		Continued.	PO	Line Maintenance work
Pophali - Kdph	IntraState	10/08/2018	10.05	10/08/2018	19.00	PO	OUTAGE ON BUS-SECTION 1.
Main Bus Section-I @ Pophali	IntraState	10/08/2018	10.05	10/08/2018	18.25	PO	Maintenance work
Kandalgaon - Koyna	IntraState	10/08/2018	10.05	10/08/2018	19.15	PO	BUS SECTION OUTAGE.
Pedambe-Pophali	IntraState	10/08/2018	10.05	10/08/2018	18.25	PO	OUTAGE ON BUS-SECTION 1.
Boisar-Viraj	IntraState	10/08/2018	10.11	10/08/2018	20.54	PO	REPLACEMENT OF DISTANCE RELAY.
Kharepatan -Pawas Line	IntraState	10/08/2018	10.30	10/08/2018	13.51	T	Distance Protection
Malegaon-Satana	IntraState	10/08/2018	10.45	10/08/2018	12.55	PO	Routine Maintenance Work
Chinchwad-Hinjewadi I	IntraState	10/08/2018	10.46	10/08/2018	18.11	HT	OUTAGE on ICT-I at Chakan S/S
Deepnagar Amalner	IntraState	10/08/2018	10.53	10/08/2018	17.47	PO	L.A. REPLACEMENT.
Kharghar - Nerul	IntraState	10/08/2018	11.00	10/08/2018	16.56	PO	SHIFTED ON TBC / JUMPER REPLACEMENT WORK.
Chakan-Chinchwad	IntraState	10/08/2018	11.44	10/08/2018	18.05	PO	LOAD MANAGEMENT.
Dhule - Malegaon	IntraState	10/08/2018	14.01	10/08/2018	15.56	PO	Routine Maintenance Work
Nagothane - MSL	IntraState	10/08/2018	16.04	10/08/2018	17.00	T	220KV Bus Bar Protection Operated
Nagothane - ACCIL	IntraState	10/08/2018	16.04	10/08/2018	17.32	T	220KV Bus Bar Protection

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 10/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 11/Aug/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Operated
Nagothane - Posco	IntraState	10/08/2018	16.04	10/08/2018	17.20	T	220KV Bus Bar Protection Operated
Nagothane - Ipcl	IntraState	10/08/2018	16.04	10/08/2018	17.41	T	220KV Bus Bar Protection Operated
Nagothane-Wadkhal-I	IntraState	10/08/2018	16.04	10/08/2018	16.47	T	220KV Bus Bar Protection Operated
Wardha-Yeotmal	IntraState	10/08/2018	17.51	10/08/2018	19.19	PO	Line Maintenance work
Theur-Jejuri	IntraState	10/08/2018	23.55		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Bhel Ict 1 @Padegaon	IntraState	30/06/2018	15:03		Continued.	T	Buchholz.
220/100 Kv 200 Mva Vijai Ict 3 @Trombay	IntraState	10/08/2018	09.46	10/08/2018	21.20	PO	Routine Maintenance Work
220/22 Kv 50 Mva Emco Ptr 1 @Gis Bhandup	IntraState	10/08/2018	10.10	10/08/2018	12.23	PO	Routine Maintenance Work
220/100 Kv 100 Mva Cgl Ict 1 @Taloja	IntraState	10/08/2018	11.11	10/08/2018	12.10	EO	Attending Hot Spot
220/132 KV 200MVA ICT II @ Girwali	IntraState	10/08/2018	16.40	10/08/2018	19.19	PO	MEASUREMENT OF CB TIMING AND CRM
220/132 Kv 200 Mva ICT-I @Girwali	IntraState	10/08/2018	19.22	10/08/2018	20.58	PO	MEASUREMENT OF CB TIMING AND CRM

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