

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.853	2353.790	1) Gujrat	-0.271	44.886
2) Hydro	4.241	217.675	2) Madhya Pradesh	16.942	400.526
3) Gas	6.752	127.139	3) Chattisgarh	8.000	135.630
Total MSPGCL	137.846	2698.604	4) Maharashtra Net	156.128	3038.592
B) 1) APML	68.377	1222.060	5) Goa (Amona)	-0.352	-5.236
2) JSWEL	26.257	521.913	Total	180.447	3614.398
3) VIPL	4.358	157.384	a) Mumbai Schedule	30.505	552.419
4) RPL(AMT)	6.237	122.155	b) Mumbai Drawl	33.352	593.104
5) WPCL	4.172	92.162	c) MSEDCL Bilateral *	67.801	1555.070
6) PGPL	0.000	0.000	Include PX	34.447	929.783
7) Other IPP	6.737	135.666	d) Mumbai Bilateral *	30.505	551.132
C) 1) TPCL Thermal	14.590	299.629	Include PX	16.446	210.810
2) TPCL Hydro	1.653	84.147	Include Standby	0.000	1.288
3) TPCL Gas	4.348	82.733	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.461	221.380	1) MSEDCL	412.743	8223.009
D) STATE			2) Mumbai Discoms	64.404	1280.996
1) Thermal	268.042	5126.139	TOTAL STATE	477.147	9504.005
(A1+C1+C4+(B1-B6))					
2) Hydro	5.894	301.822			
(A2+C2)					
3) Gas	11.100	209.872			
(A3+B6+C3)					
4) Wind	5.844	145.019			
6) SOLAR	5.820	106.752			
TOTAL STATE	296.700	5889.604			

* 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 1 Hrs
MSPGCL Thermal	5462	5510	5390	5096
MSPGCL Hydro	206	136	130	119
MSPGCL Gas	267	263	283	295
MSPGCL Total Generation	5935	5909	5803	5510
Central Sector Receipt	9413	9402	7541	5700
WIND	349	352	354	120
CPP / IPP Thermal	4986	4997	5033	4331
CPP / IPP Gas	0	0	0	0
SOLAR	852	854	0	0
Exchange with Mumbai	-1711	-1930	-1628	-1193
MSEDCL DEMAND MET	19824	19584	17103	14468
Load Shedding	0	0	0	0
MSEDCL DEMAND	19824	19584	17103	14468
TPCL GENERATION	1051	868	940	697
R-INFRA GENERATION	481	379	450	374
MUMBAI DEMAND	3243	3177	3018	2264
STATE DEMAND MET	23067	22761	20121	16732
STATE DEMAND	23067	22761	20121	16732
Frequency (Hz)	50.01	50.03	50.01	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 06.02 Hrs	49.81 Hz at 22.07 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 19/Oct/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.13	5.70	178	0
Unit 7	0.00	0.00	0	0
Unit 8	0.03	65.98	30	0
Unit 9	8.55	194.67	453	320
Unit 10	8.36	90.62	364	310
Total	19.07	356.98		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.16	164.12	460	325
Unit 5	8.90	95.70	430	325
Total	18.05	259.82		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	3.55	80.56	180	131
Unit 7	0.03	77.02	32	0
Unit 8	0.60	0.60	108	0
Total	4.18	158.18		
Chandrapur				
Unit 3	0.00	1.50	0	0
Unit 4	4.28	79.08	182	166
Unit 5	8.50	163.36	360	343
Unit 6	8.92	166.27	415	339
Unit 7	9.00	168.06	415	347
Unit 8	10.51	186.98	450	414
Unit 9	10.31	185.33	450	387
Total	51.53	950.59		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.69	109.05	250	185
Total	5.69	109.05		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.46	48.57	165	125
Unit 3	3.83	63.73	174	150
Unit 4	3.63	68.95	166	140
Unit 5	9.85	195.18	480	363
Total	20.77	376.43		
Nasik				
Unit 3	3.79	70.70	162	151
Unit 4	3.78	72.04	160	151
Unit 5	0.00	0.00	0	0
Total	7.56	142.75		
Uran				
All Units	6.75	127.14	295	260
Total	6.75	127.14		
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)	0.63	13.43	32	23

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.63	13.43		
Koyna				
Stage 1-2	1.40	64.46	225	40
Stage 4	0.00	85.66	0	0
Stage 3	0.65	33.17	152	0
Total	2.06	183.28		
Hydro				
KDPH	0.89	8.02	37	37
VTRNA	0.00	0.36	0	0
TILLARI	0.00	1.89	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	4.67	57	0
RNGR+BHTSA	0.40	7.26	17	16
BHANDARDRA	0.34	4.61	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.34	4.90	23	12
GHATGHAR	0.12	2.68	119	0
Total	2.18	34.39		
Wind				
Total	5.84	145.02	0	0
Total	5.84	145.02		
CPP				
APML(Mus)	68.38	1222.06	0	0
JSWEL(Mus)	26.26	521.91	0	0
VIPL(Mus)	4.36	157.38	0	0
RPLAMT(Mus)	6.24	122.16	0	0
WPCL(Mus)	4.17	92.16	0	0
Other(Mus)	6.74	135.67	0	0
Total	116.14	2251.34		
SOLAR				
Total	5.82	106.75	0	0
Total	5.82	106.75		
Tata				
Trombay 5	9.44	195.60	478	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	52.44	115	114
Trombay 7B	1.59	30.29	67	65
Trombay 8	5.15	104.03	235	199
TATA Hydro	1.65	84.15	223	13
Total	20.59	466.51		
R-INFRA				
DTPS U-1&2	10.46	221.38	501	373
Total	10.46	221.38		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	126.85	2353.79	MSPGCL Total	137.85	2698.60
			MSPGCL Thml+Gas	133.60	2480.93	Koyna 1,2 & 4 Total	1.40	150.12
			MSPGCL Hydro	4.24	217.68	State Total	296.70	5889.60

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/Oct/2018

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	5096	119	295	5510	120	4331	0	0	6007	5700	-1193	14468	0	14468	2264	16732	49.97
2	5120	119	283	5522	99	4531	0	0	5957	5883	-1040	14995	0	14995	2109	17104	50.02
3	5084	119	295	5498	96	4616	0	0	6095	5911	-771	15350	0	15350	2002	17352	49.96
4	5017	129	295	5441	114	4635	0	0	6457	6010	-564	15636	0	15636	1935	17571	49.98
5	5027	124	284	5435	105	4645	0	0	6538	6575	-528	16232	0	16232	1895	18127	50.01
6	5150	164	294	5608	80	4666	0	0	7363	7175	-604	16925	0	16925	1973	18898	49.99
7	5161	384	294	5839	116	4668	0	21	7859	7663	-708	17599	0	17599	2076	19675	49.99
8	5185	540	283	6008	117	4683	0	189	7725	7207	-829	17375	926	18301	2204	20505	49.95
9	5232	203	290	5725	131	4758	0	448	7921	7780	-1088	17754	286	18040	2462	20502	50.01
10	5394	282	275	5951	211	4868	0	645	8555	8443	-1389	18729	0	18729	2813	21542	50.01
11	5492	331	270	6093	271	4921	0	775	9283	8440	-1558	18942	0	18942	3122	22064	50.00
12	5462	206	267	5935	349	4986	0	852	9995	9413	-1711	19824	0	19824	3243	23067	50.01
13	5510	136	263	5909	352	4997	0	854	9559	9402	-1930	19584	0	19584	3177	22761	50.03
14	5483	139	260	5882	292	4988	0	781	9310	9112	-1887	19168	0	19168	3120	22288	49.99
15	5469	125	261	5855	286	5072	0	610	9636	9261	-1809	19275	0	19275	3249	22524	50.00
16	5479	130	262	5871	295	5025	0	410	9797	9218	-1865	18954	0	18954	3294	22248	49.97
17	5480	125	267	5872	383	5006	0	207	9118	8442	-1998	17912	0	17912	3209	21121	50.01
18	5358	125	277	5760	373	4984	0	27	8073	7518	-1899	16763	0	16763	3119	19882	50.02
19	5389	120	289	5798	339	5047	0	1	7493	7214	-1703	16697	0	16697	3093	19790	50.00
20	5390	130	283	5803	354	5033	0	0	7829	7541	-1628	17103	0	17103	3018	20121	50.01
21	5313	120	293	5726	360	5074	0	0	7521	6802	-1752	16210	0	16210	2884	19094	49.94
22	5201	125	284	5610	363	4909	0	0	7117	6688	-1656	15914	0	15914	2746	18660	49.99
23	5140	120	293	5553	323	4829	0	0	6983	6500	-1631	15574	0	15574	2707	18281	49.90
24	5221	126	295	5642	315	4860	0	0	7275	6549	-1611	15755	0	15755	2690	18445	49.95
MUs	126.85	4.24	6.75	137.85	5.84	116.14	0.00	5.82	189.47	180.45	-33.35	412.74	1.21	413.95	64.40	478.36	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 19/Oct/2018

Position as on 6.30 Hrs of 20/Oct/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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.	
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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	Coal Swapping IEPL	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
MSPGCL	Koradi Unit 7	210	03/08/2018	15.54		Continued.	Poor Coal Receipt.	
MSPGCL	Khaparkheda Unit 1	210	11/08/2018	23.57		Continued.	Poor coal Receipt	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn due to B0 & U-7	
MSPGCL	Nasik Unit 5	210	11/09/2018	18.45	20/10/2018	20.26	Coal Swapping with DIL	
MSPGCL	Paras Unit 3	250	15/09/2018	00.55		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-5	270	21/09/2018	00.05		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-1	270	22/09/2018	00.00		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-3	270	25/09/2018	0.00		Continued.	Poor Coal Receipt	
MSPGCL	Parli Unit 8	250	30/09/2018	22.24	19/10/2018	16.07	Poor Coal Receipt	
MSPGCL	Chandrapur Unit 3	210	01/10/2018	08.48		Continued.	Condenser Tube Leakage.	
MSPGCL	Koradi Unit-8	660	09/10/2018	10.18	19/10/2018	23.05	Poor Coal Receipt.	
IPP	Adani U-3	660	15/10/2018	20.29	19/10/2018	21.18	Air Pre-heater 3B Support Bearing	
MSPGCL	Parli Unit 7	250	19/10/2018	00.23		Continued.	Poor Coal Receipt.	
MSPGCL	Koradi Unit 6	210	19/10/2018	01.15	19/10/2018	04.56	Low furnace pressure	
MSPGCL	Nasik Unit 4	210	20/10/2018	05.47		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 6	210	20/10/2018	05.48		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 3	210	20/10/2018	07.28	20/10/2018	10.12	Flame Failure	
MSPGCL	Chandrapur Unit 5	500	20/10/2018	22.30		Continued.	Poor Coal Receipt	

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

Statement-VII

Position as on 6.30 Hrs of 20/Oct/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	17/10/2018	17.19	19/10/2018	09.23	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	19/10/2018	18.03	20/10/2018	06.37	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	20/10/2018	17.58		Continued.	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule - Bableshwar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Kala Kudus Ckt-I	IntraState	17/10/2018	09.56	19/10/2018	08.50	EO	Attend SF6 Gas Leakage In Bay 408 At Kala Gis End.
Khadka-Aurangabad (Waluj)	IntraState	17/10/2018	17.10	19/10/2018	05.21	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	18/10/2018	15.27	19/10/2018	07.03	T	Distance Protection, Z1, R-PH, Dist-5Km, IF-14.19KA.
Jejuri- Koynastage-IV	IntraState	18/10/2018	21.05	19/10/2018	10.03	T	Distance Protection, Z-1, R-7 Y-E, D-125Km, 2.638KAMP.
Lonikand I - Koyna stage-IV	IntraState	19/10/2018	15.26	20/10/2018	14.22	T	Distance Protection, STG 4 End - Zone 1, R-PH-E, 911 MTR, IF 22.7KA, Patrolling BLNC.
Bhusawal-Aurangabad	IntraState	20/10/2018	17.07		Continued.	HT	Over Voltage
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	For Bunching Of Conductor at Loc No.86 Disconnecting Of jumper at Loc No.86 to 107 And Deenergising The Line Between Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To control line loading.
Kalwa 52B Interconnector CB	IntraState	16/10/2018	08.28		Continued.	HT	Interconnector open.
Karad - Vita Ckt- I	IntraState	18/10/2018	10.01	19/10/2018	06.53	PO	Replacement Of Rusty, Damaged Vibration Damper.
Raymond - Washala	IntraState	18/10/2018	14.12	19/10/2018	00.36	T	Distance Protection, B Phase Z1, IB-3.752KA, 5.689KA, 2.124Km.
Nanded-Ghatodi	IntraState	19/10/2018	03.37	19/10/2018	09.10	HT	To Control Nanded-Nanded Ckt Overloading.
Nerul-Trombay	IntraState	19/10/2018	05.25	19/10/2018	09.12	PO	Line Construction Work.
Karad - Vita Ckt- II	IntraState	19/10/2018	09.27	19/10/2018	18.58	PO	Replacement Of Rusty, Damaged Vibration Damper.
Nanded - Parli Ext. Ckt II	IntraState	19/10/2018	09.58	19/10/2018	18.26	HT	To Control Nanded-Nanded Ckt Overloading.
Nanded - Parli Ext. Ckt I	IntraState	19/10/2018	09.58	19/10/2018	18.18	HT	To Control Nanded-Nanded Ckt Overloading.
Butibori - VIPL Ckt II	IntraState	19/10/2018	11.15	19/10/2018	16.48	PO	Testing & Checking PT Selection Relay.
Nerul-Trombay	IntraState	19/10/2018	13.13		Continued.	PO	Conductor Replacement Work.continuous Upto
Baramati - Kurkumbh	IntraState	19/10/2018	13.45	19/10/2018	19.22	PO	Jumper Replacement & Restraining.
Shivajinagar - Malegaon	IntraState	19/10/2018	15.25	19/10/2018	17.20	EO	To Attend Hot Spot & Tree Chopping Work.
Amalner-Bambhori	IntraState	19/10/2018	17.09	19/10/2018	22.43	T	Distance Protection Operated Zone 1 Amalner R-E.
Ghatghar - Bapgaon	IntraState	20/10/2018	00.20	20/10/2018	01.35	T	Distance Protection RFL IA 3.8KA 55KM
Ghatghar - Bapgaon	IntraState	20/10/2018	03.46	20/10/2018	03.55	T	Distance Protection RFL IA 3.8KA 55KM.
Sonkhar - Trombay	IntraState	20/10/2018	05.29	20/10/2018	16.23	T	Safety purpose to work on 220KV

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 19/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 20/Oct/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Nerul Trombay line.
Salsette Borivli 1	IntraState	20/10/2018	08.39	20/10/2018	19.45	PO	Closer Inspection.
Mahape - TIFIL	IntraState	20/10/2018	09.11	20/10/2018	16.25	PO	Main bus PT Maintenance & Testing Work.
Dahanu-Viraj	IntraState	20/10/2018	09.40	20/10/2018	19.03	PO	Replacement Of Distance Relay.
Karad - Vita Ckt- II	IntraState	20/10/2018	10.21	20/10/2018	19.35	PO	Replacement Of Rusty & Damaged Conductor.
Aarey Saki Line 1	IntraState	20/10/2018	10.29	20/10/2018	13.40	PO	Testing Work
Bhosari 2 - Telco	IntraState	20/10/2018	11.17	20/10/2018	17.29	PO	Line Jumpering Work.
Aarey Saki Line 2	IntraState	20/10/2018	14.14	20/10/2018	17.42	PO	Testing Work
220 KV ICT Outages/Trippings							
220/33kV 100 MVA Transformer 3 @Ghodbunder R/S	IntraState	20/10/2018	09.33	20/10/2018	17.20	PO	Painting Work.
132 KV LINE Outages/Trippings							
Pusad-Gunj	IntraState	19/10/2018	10.52	19/10/2018	11.24	T	O/C Protection Operated.
Pusad-Umarkhed	IntraState	19/10/2018	10.52	19/10/2018	21.15	T	Distance Protection Operated Zone 1 R-E.
Ardhapur - Kurunda	IntraState	19/10/2018	15.55	19/10/2018	18.04	HT	To Control Load On Ardhapur-Nanded.
KANNAD JBM	IntraState	19/10/2018	15.58	19/10/2018	16.38	T	Distance Protection Operated Zone 1
Umri - Kundalwadi	IntraState	19/10/2018	23.50	20/10/2018	00.15	T	Umri=Backup Protection, Kundalwadi=Distance Protection Operated R-E.

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