

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 20/Oct/2018 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.640	2484.430	1) Gujrat	-0.174	44.712
2) Hydro	4.449	222.124	2) Madhya Pradesh	15.595	416.121
3) Gas	6.682	133.821	3) Chattisgarh	7.680	143.310
Total MSPGCL	141.771	2840.375	4) Maharashtra Net	169.532	3208.124
B) 1) APML	75.853	1297.913	5) Goa (Amona)	-0.176	-5.412
2) JSWEL	27.427	549.340	Total	192.457	3806.855
3) VIPL	4.356	161.740	a) Mumbai Schedule	24.859	577.278
4) RPL(AMT)	6.487	128.642	b) Mumbai Drawl	30.401	623.505
5) WPCL	4.250	96.412	c) MSEDCL Bilateral *	75.134	1630.204
6) PGPL	0.000	0.000	Include PX	40.533	970.316
7) Other IPP	6.945	142.611	d) Mumbai Bilateral *	24.859	575.991
C) 1) TPCL Thermal	15.774	315.403	Include PX	10.829	221.639
2) TPCL Hydro	3.326	87.473	Include Standby	0.000	1.288
3) TPCL Gas	4.352	87.085	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.227	232.607	1) MSEDCL	441.237	8664.246
D) STATE			2) Mumbai Discoms	65.080	1346.076
1) Thermal	282.959	5409.098	TOTAL STATE	506.317	10010.322
(A1+C1+C4+(B1-B6))					
2) Hydro	7.775	309.597			
(A2+C2)					
3) Gas	11.034	220.906			
(A3+B6+C3)					
4) Wind	6.501	151.520			
6) SOLAR	5.591	112.343			
TOTAL STATE	313.860	6203.464			

* 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 15 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 1 Hrs
MSPGCL Thermal	5591	5703	5501	5305
MSPGCL Hydro	208	290	362	119
MSPGCL Gas	265	265	270	282
MSPGCL Total Generation	6064	6258	6133	5706
Central Sector Receipt	9661	9085	7305	7113
WIND	424	288	201	240
CPP / IPP Thermal	5213	5275	5301	5107
CPP / IPP Gas	0	0	0	0
SOLAR	807	621	5	0
Exchange with Mumbai	-1538	-1529	-1296	-1457
MSEDCL DEMAND MET	20631	19998	17650	16709
Load Shedding	0	378	170	0
MSEDCL DEMAND	20631	20376	17820	16709
TPCL GENERATION	1138	1135	1263	703
R-INFRA GENERATION	500	500	497	374
MUMBAI DEMAND	3176	3164	3056	2534
STATE DEMAND MET	23807	23162	20706	19243
STATE DEMAND	23807	23540	20876	19243
Frequency (Hz)	49.94	49.94	49.92	49.90

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 06.01 Hrs	49.68 Hz at 17.24 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 20/Oct/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.65	6.35	130	0
Unit 7	0.00	0.00	0	0
Unit 8	7.88	73.86	461	90
Unit 9	9.19	203.86	544	307
Unit 10	8.64	99.26	457	290
Total	26.36	383.34		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.06	172.17	360	325
Unit 5	8.00	103.71	360	325
Total	16.06	275.88		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	3.80	84.36	183	120
Unit 7	0.00	77.02	0	0
Unit 8	4.08	4.68	194	138
Total	7.89	166.07		
Chandrapur				
Unit 3	0.00	1.50	0	0
Unit 4	4.07	83.15	185	144
Unit 5	7.09	170.45	320	0
Unit 6	8.00	174.27	353	315
Unit 7	8.23	176.28	354	322
Unit 8	10.50	197.48	450	420
Unit 9	10.47	195.81	453	404
Total	48.36	998.94		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.77	114.82	250	228
Total	5.77	114.82		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.72	52.29	170	140
Unit 3	3.37	67.10	176	0
Unit 4	3.50	72.45	160	135
Unit 5	10.71	205.90	500	410
Total	21.30	397.73		
Nasik				
Unit 3	3.73	74.43	163	151
Unit 4	0.89	72.93	157	0
Unit 5	0.29	0.29	118	0
Total	4.91	147.65		
Uran				
All Units	6.68	133.82	297	254
Total	6.68	133.82		
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)	0.66	14.09	35	22

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.66	14.09		
Koyna				
Stage 1-2	1.24	65.70	95	40
Stage 4	0.01	85.67	11	0
Stage 3	0.61	33.78	80	0
Total	1.86	185.15		
Hydro				
KDPH	0.89	8.90	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.	0.08	4.76	47	0
RNGR+BHTSA	0.40	7.66	17	16
BHANDARDRA	0.34	4.95	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.29	5.19	21	9
GHATGHAR	0.59	3.27	125	0
Total	2.59	36.98		
Wind				
Total	6.50	151.52	0	0
Total	6.50	151.52		
CPP				
APML(Mus)	75.85	1297.91	0	0
JSWEL(Mus)	27.43	549.34	0	0
VIPL(Mus)	4.36	161.74	0	0
RPLAMT(Mus)	6.49	128.64	0	0
WPCL(Mus)	4.25	96.41	0	0
Other(Mus)	6.94	142.61	0	0
Total	125.32	2376.66		
SOLAR				
Total	5.59	112.34	0	0
Total	5.59	112.34		
Tata				
Trombay 5	10.45	206.05	480	317
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	55.20	116	114
Trombay 7B	1.59	31.89	67	65
Trombay 8	5.32	109.35	234	202
TATA Hydro	3.33	87.47	370	0
Total	23.45	489.96		
R-INFRA				
DTPS U-1&2	11.23	232.61	501	374
Total	11.23	232.61		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	130.64	2484.43	MSPGCL Total	141.77	2840.38
			MSPGCL Thml+Gas	137.32	2618.25	Koyna 1,2 & 4 Total	1.25	151.37
			MSPGCL Hydro	4.45	222.12	State Total	313.86	6203.46

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 20/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	5305	119	282	5706	240	5107	0	0	6848	7113	-1457	16709	0	16709	2534	19243	49.90
2	5382	118	294	5794	143	5134	0	0	7254	7349	-1227	17193	0	17193	2307	19500	49.95
3	5437	123	283	5843	135	5140	0	0	7484	7159	-1077	17200	0	17200	2156	19356	49.96
4	5457	123	297	5877	152	5143	0	0	7473	7602	-980	17794	0	17794	2057	19851	49.98
5	5443	128	295	5866	126	5131	0	0	7773	7743	-939	17927	0	17927	2015	19942	49.98
6	5436	118	297	5851	203	5185	0	0	8494	8535	-876	18898	0	18898	2073	20971	49.99
7	5296	280	286	5862	250	5228	0	17	8758	8858	-793	19422	295	19717	2126	21843	49.96
8	5212	278	295	5785	240	5209	0	155	8434	8266	-832	18823	522	19345	2211	21556	49.95
9	5146	134	281	5561	242	5226	0	412	8364	8473	-1001	18913	0	18913	2444	21357	49.89
10	5222	161	288	5671	383	5240	0	624	8755	8755	-1283	19390	0	19390	2786	22176	50.00
11	5404	181	271	5856	391	5232	0	726	9281	9252	-1426	20031	0	20031	3049	23080	50.00
12	5591	208	265	6064	424	5213	0	807	9707	9661	-1538	20631	0	20631	3176	23807	49.94
13	5736	219	262	6217	409	5150	0	832	9323	9299	-1570	20338	0	20338	3187	23525	49.95
14	5689	343	265	6297	382	5243	0	700	9100	9278	-1461	20439	0	20439	3098	23537	50.01
15	5703	290	265	6258	288	5275	0	621	9209	9085	-1529	19998	378	20376	3164	23540	49.94
16	5656	137	254	6047	287	5256	0	445	9178	9008	-1491	19552	333	19885	3158	23043	49.90
17	5558	132	266	5956	255	5293	0	199	8633	8308	-1411	18600	220	18820	3100	21920	49.89
18	5481	154	266	5901	294	5312	0	48	7605	7063	-1281	17337	230	17567	3024	20591	49.84
19	5501	362	270	6133	201	5301	0	5	7063	7305	-1296	17650	170	17820	3056	20876	49.92
20	5479	351	283	6113	182	5254	0	0	7206	7353	-1289	17613	181	17794	2991	20785	49.97
21	5447	117	276	5840	255	5321	0	0	7105	6879	-1441	16854	172	17026	2940	19966	50.01
22	5513	131	277	5921	357	5244	0	0	6995	6632	-1400	16754	131	16885	2836	19721	50.00
23	5316	121	287	5724	333	5218	0	0	6680	6594	-1452	16417	79	16496	2790	19286	49.91
24	5230	121	277	5628	329	5257	0	0	6826	6886	-1351	16749	67	16816	2802	19618	49.89
MUs	130.64	4.45	6.68	141.77	6.50	125.32	0.00	5.59	193.55	192.46	-30.40	441.24	2.78	444.01	65.08	509.09	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 20/Oct/2018

Position as on 6.30 Hrs of 21/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 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	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	Chandrapur Unit 3	210	01/10/2018	08.48		Continued.	Condenser Tube Leakage.	
MSPGCL	Parli Unit 7	250	19/10/2018	00.23		Continued.	Poor Coal Receipt.	
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	
MSPGCL	Bhusawal Unit 5	500	21/10/2018	11.38	21/10/2018	14.18	Flame Failure	
MSPGCL	Nasik Unit 3	210	21/10/2018	11.58		Continued.	Coal Swapping With DIL	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 20/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 21/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 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 - 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)
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	21/10/2018	04.53	HT	Over Voltage
Padghe - Kalwa-II	IntraState	21/10/2018	07.57	21/10/2018	23.27	PO	Insulator Replacement Work
New Koyna -Koyna Stage IV-I	IntraState	21/10/2018	09.19	21/10/2018	11.17	PO	Attending Hot Spot
Khadka-Aurangabad (Waluj)	IntraState	21/10/2018	17.54		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.
Nerul-Trombay	IntraState	19/10/2018	13.13		Continued.	PO	Conductor Replacement Work.continuous Upto
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 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
Kharghar-Sonkhar	IntraState	21/10/2018	05.44	21/10/2018	17.10	PO	Safty purpose to work on 220kv Nerul-Trombay line
Karad - Vita Ckt- II	IntraState	21/10/2018	10.12	21/10/2018	20.14	PO	Routine Maintenance 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							
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