

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	127.138	2471.113	1) Gujrat	-0.733	-29.280
2) Hydro	2.687	95.841	2) Madhya Pradesh	12.330	209.128
3) Gas	7.177	123.325	3) Chattisgarh	6.770	130.970
Total MSPGCL	137.002	2690.279	4) Maharashtra Net	121.034	2408.194
B) 1) APML	73.215	1270.833	5) Goa (Amona)	-0.572	-8.998
2) JSWEL	23.570	474.536	Total	138.829	2710.014
3) VIPL	12.566	116.994	a) Mumbai Schedule	23.300	413.745
4) RPL(AMT)	11.402	133.904	b) Mumbai Drawl	28.434	534.192
5) WPCL	2.072	81.751	c) MSEDCL Bilateral *	35.797	907.438
6) PGPL	0.000	0.000	Include PX	7.295	257.531
7) Other IPP	14.003	254.193	d) Mumbai Bilateral *	23.300	401.560
C) 1) TPCL Thermal	12.393	253.403	Include PX	0.381	96.085
2) TPCL Hydro	4.871	61.937	Include Standby	0.000	12.185
3) TPCL Gas	4.418	82.892	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.636	186.326	1) MSEDCL	393.100	7430.415
D) STATE			2) Mumbai Discoms	60.752	1118.748
1) Thermal	286.995	5243.053	TOTAL STATE	453.852	8549.163
(A1+C1+C4+(B1-B6))					
2) Hydro	7.558	157.778			
(A2+C2)					
3) Gas	11.595	206.217			
(A3+B6+C3)					
4) Wind	4.677	127.778			
6) SOLAR	4.198	104.325			
TOTAL STATE	315.023	5839.151			

* 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 19 Hrs	D. Night Minimum at 2 Hrs
MSPGCL Thermal	5591	5591	5372	4789
MSPGCL Hydro	120	95	165	76
MSPGCL Gas	284	282	291	306
MSPGCL Total Generation	5995	5968	5828	5171
Central Sector Receipt	6935	7000	5597	5106
WIND	313	279	97	99
CPP / IPP Thermal	6057	5960	6234	5020
CPP / IPP Gas	0	0	0	0
SOLAR	668	670	1	0
Exchange with Mumbai	-1324	-1309	-1341	-950
MSEDCL DEMAND MET	18644	18568	16416	14446
Load Shedding	0	0	0	0
MSEDCL DEMAND	18644	18568	16416	14446
TPCL GENERATION	1247	1245	1144	630
R-INFRA GENERATION	503	504	500	377
MUMBAI DEMAND	3074	3058	2985	1957
STATE DEMAND MET	21718	21626	19401	16403
STATE DEMAND	21718	21626	19401	16403
Frequency (Hz)	49.98	49.91	50.04	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 18.01 Hrs	49.74 Hz at 14.29 Hrs	49.97	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/Nov/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.22	12.39	148	100
Unit 7	0.00	0.00	0	0
Unit 8	6.55	142.48	292	221
Unit 9	7.00	151.57	300	285
Unit 10	6.65	148.78	291	251
Total	23.43	455.22		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.45	165.42	460	350
Unit 5	9.54	163.72	465	350
Total	19.00	329.15		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.53	90.74	250	200
Unit 7	0.00	0.00	0	0
Unit 8	5.34	93.04	246	190
Total	10.88	183.78		
Chandrapur				
Unit 3	4.18	20.80	184	163
Unit 4	4.14	8.23	181	162
Unit 5	9.68	178.76	425	365
Unit 6	0.79	156.23	303	0
Unit 7	9.52	179.53	419	352
Unit 8	0.00	154.22	0	0
Unit 9	10.07	189.29	440	361
Total	38.38	887.05		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.54	88.91	250	196
Total	5.54	88.91		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.84	75.71	180	140
Unit 3	3.48	68.83	172	2
Unit 4	4.07	79.36	205	160
Unit 5	10.31	156.96	500	374
Total	21.70	380.86		
Nasik				
Unit 3	0.00	58.04	0	0
Unit 4	4.10	74.43	183	154
Unit 5	4.12	13.66	180	158
Total	8.22	146.13		
Uran				
All Units	7.18	123.32	310	282
Total	7.18	123.32		
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)	0.07	1.64	47	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.07	1.64		
Koyna				
Stage 1-2	0.37	28.60	45	0
Stage 4	0.00	12.56	0	0
Stage 3	0.31	9.46	80	0
Total	0.68	50.61		
Hydro				
KDPH	0.44	11.09	19	18
VTRNA	0.45	8.50	60	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	2.97	77	0
RNGR+BHTSA	0.34	7.19	15	14
BHANDARDRA	0.00	4.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.06	3.90	3	2
GHATGHAR	0.61	6.96	125	0
Total	2.00	45.23		
Wind				
Total	4.68	127.78	0	0
Total	4.68	127.78		
CPP				
APML(Mus)	73.22	1270.83	0	0
JSWEL(Mus)	23.57	474.54	0	0
VIPL(Mus)	12.57	116.99	0	0
RPLAMT(Mus)	11.40	133.90	0	0
WPCL(Mus)	2.07	81.75	0	0
Other(Mus)	14.00	254.19	0	0
Total	136.83	2332.21		
SOLAR				
Total	4.20	104.32	0	0
Total	4.20	104.32		
Tata				
Trombay 5	9.22	162.08	472	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	52.71	118	116
Trombay 7B	1.61	30.18	68	66
Trombay 8	3.17	91.33	134	131
TATA Hydro	4.87	61.94	459	6
Total	21.68	398.23		
R-INFRA				
DTPS U-1&2	10.64	186.33	504	375
Total	10.64	186.33		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	127.14	2471.11	MSPGCL Total	137.00	2690.28
			MSPGCL Thml+Gas	134.32	2594.44	Koyna 1,2 & 4 Total	0.37	41.16
			MSPGCL Hydro	2.69	95.84	State Total	315.02	5839.15

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/Nov/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	4734	81	306	5121	188	5028	0	0	5186	5065	-1118	14284	0	14284	2126	16410	49.99
2	4789	76	306	5171	99	5020	0	0	5109	5106	-950	14446	0	14446	1957	16403	49.97
3	4955	76	307	5338	101	5075	0	0	5119	5341	-847	15008	0	15008	1854	16862	49.97
4	5003	76	309	5388	130	5184	0	0	5050	4899	-773	14828	0	14828	1780	16608	49.96
5	5048	76	309	5433	184	5308	0	0	5055	5068	-762	15231	0	15231	1769	17000	49.98
6	5129	76	307	5512	207	5596	0	0	5343	5164	-838	15641	0	15641	1845	17486	49.92
7	5193	161	309	5663	356	5727	0	7	5768	5604	-947	16410	0	16410	1962	18372	49.94
8	5138	221	310	5669	422	5841	0	92	6148	6046	-940	17130	0	17130	2131	19261	49.98
9	5361	205	308	5874	400	5960	0	302	6279	6181	-1081	17636	0	17636	2429	20065	50.01
10	5544	99	293	5936	423	5976	0	433	6562	6535	-1293	18010	0	18010	2772	20782	49.95
11	5596	171	299	6066	387	6022	0	584	7164	6873	-1459	18473	0	18473	3005	21478	50.00
12	5591	120	284	5995	313	6057	0	668	7107	6935	-1324	18644	0	18644	3074	21718	49.98
13	5591	95	282	5968	279	5960	0	670	6900	7000	-1309	18568	0	18568	3058	21626	49.91
14	5529	167	294	5990	216	5949	0	515	6559	6824	-1264	18230	0	18230	2958	21188	49.98
15	5523	188	283	5994	139	6058	0	429	6572	6533	-1266	17887	0	17887	2973	20860	49.87
16	5533	160	296	5989	177	6077	0	324	6245	6177	-1298	17446	0	17446	2992	20438	49.92
17	5489	160	287	5936	143	6068	0	151	5706	5615	-1254	16659	0	16659	2961	19620	49.95
18	5527	55	297	5879	84	6117	0	22	5491	5416	-1272	16246	0	16246	2930	19176	49.93
19	5372	165	291	5828	97	6234	0	1	5449	5597	-1341	16416	0	16416	2985	19401	50.04
20	5385	119	302	5806	64	6082	0	0	5616	5463	-1288	16127	0	16127	2900	19027	50.02
21	5211	35	301	5547	45	5598	0	0	5511	5385	-1445	15130	0	15130	2732	17862	50.01
22	5275	35	292	5602	75	5485	0	0	5415	5375	-1494	15043	0	15043	2602	17645	49.98
23	5288	35	302	5625	59	5315	0	0	5311	5197	-1451	14745	0	14745	2520	17265	49.98
24	5334	35	303	5672	89	5088	0	0	5319	5430	-1420	14859	0	14859	2437	17296	49.97
MUs	127.14	2.69	7.18	137.00	4.68	136.83	0.00	4.20	139.98	138.83	-28.43	393.10	0.00	393.10	60.75	453.85	49.97

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/Nov/2018

Position as on 6.30 Hrs of 20/Nov/2018

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	
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 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	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	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-3	270	25/09/2018	0.00		Continued.	Poor Coal Receipt	
MSPGCL	Parli Unit 7	250	19/10/2018	00.23		Continued.	Poor Coal Receipt.	
IPP	SWPGL U-2	135	16/11/2018	00.00		Continued.	No PPA	
MSPGCL	Nasik Unit 3	210	16/11/2018	16.55		Continued.	Withdrawn against dhariwal U-1	
MSPGCL	Khaparkheda Unit 3	210	16/11/2018	18.04	19/11/2018	00.55	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit-8	500	16/11/2018	22.40	20/11/2018	05.47	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 6	500	17/11/2018	06.06	19/11/2018	20.10	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 6	500	20/11/2018	02.47		Continued.	Generator protection	

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

Statement-VII

Position as on 6.30 Hrs of 20/Nov/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe HvdC Pole 1	IntraState	19/11/2018	09.07		Continued.	PO	Annual outage for year 2018-19
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	18/11/2018	17.25	19/11/2018	09.47	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	19/11/2018	17.47		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	18/11/2018	18.59	19/11/2018	07.44	HT	Over Voltage
Karad-Jaigad - I	IntraState	18/11/2018	20.15	19/11/2018	10.53	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	19/11/2018	18.22		Continued.	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	20/11/2018	03.07		Continued.	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential protection
400/220KV 500MVA ICT 2@koradi 2	IntraState	19/11/2018	08.28	19/11/2018	18.44	PO	High Resistance Insulation Coating of Tertiary
400/220kv 315MVA ICT 2 @ Kolhapur	IntraState	19/11/2018	09.12	19/11/2018	18.40	PO	Quarterly Maintenance Work
400/220/33 Kv 315 Mva ICT I @Akola	IntraState	19/11/2018	17.24	19/11/2018	22.02	EO	Attending Hot Spot
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.
Uran - Kharghar 2	IntraState	13/11/2018	10.31		Continued.	PO	New Inline Tower Erection work
Dasturi-Kandalgaon Line	IntraState	19/11/2018	09.10	19/11/2018	15.20	PO	Tree cutting & Jumper nut bolt tightening
Niwali - Pawas Line	IntraState	19/11/2018	10.15	19/11/2018	18.20	PO	Maintenance Work
Talandage - Sawantwadi I	IntraState	19/11/2018	11.54	19/11/2018	14.36	PO	Replacement work
Malharpeth - Karad(400kv)	IntraState	19/11/2018	12.28	19/11/2018	14.18	PO	Overhauling work
Pophali - New Koyna	IntraState	19/11/2018	13.40	19/11/2018	14.10	T	Backup Protection operated
New Koyna - Pedambe	IntraState	19/11/2018	13.40	19/11/2018	13.57	T	Backup Protection operated
Kandalgaon - Koyna	IntraState	19/11/2018	13.40	19/11/2018	19.50	PO	Line isolator R ph jumper Broken
220 KV ICT Outages/Trippings							
220/22 Kv 50 Mva Bhel Ptr 2 @Kamba	IntraState	19/11/2018	11.30	19/11/2018	13.15	PO	Attending Oil Leakage

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