

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	136.887	2608.000	1) Gujrat	-0.241	-29.521
2) Hydro	1.608	97.449	2) Madhya Pradesh	12.183	221.311
3) Gas	7.105	130.430	3) Chattisgarh	6.540	137.510
Total MSPGCL	145.600	2835.879	4) Maharashtra Net	114.880	2523.074
B) 1) APML	71.936	1342.769	5) Goa (Amona)	-0.616	-9.614
2) JSWEL	22.905	497.441	Total	132.746	2842.760
3) VIPL	10.081	127.075	a) Mumbai Schedule	21.609	435.355
4) RPL(AMT)	11.435	145.339	b) Mumbai Drawl	32.890	567.082
5) WPCL	2.168	83.919	c) MSEDCL Bilateral *	33.401	940.840
6) PGPL	0.000	0.000	Include PX	5.151	262.682
7) Other IPP	13.987	268.180	d) Mumbai Bilateral *	21.609	423.170
C) 1) TPCL Thermal	11.207	264.610	Include PX	0.949	97.034
2) TPCL Hydro	4.257	66.194	Include Standby	0.000	12.185
3) TPCL Gas	4.420	87.312	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.477	195.803	1) MSEDCL	387.303	7817.718
D) STATE			2) Mumbai Discoms	62.249	1180.997
1) Thermal	290.083	5533.136	TOTAL STATE	449.552	8998.715
(A1+C1+C4+(B1-B6))					
2) Hydro	5.865	163.643			
(A2+C2)					
3) Gas	11.525	217.742			
(A3+B6+C3)					
4) Wind	5.411	133.189			
6) SOLAR	3.924	108.249			
TOTAL STATE	316.808	6155.959			

* 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 14 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6021	6125	6099	5045
MSPGCL Hydro	187	107	37	36
MSPGCL Gas	284	281	288	303
MSPGCL Total Generation	6492	6513	6424	5384
Central Sector Receipt	6808	6435	5249	5088
WIND	376	212	86	151
CPP / IPP Thermal	5781	5756	6107	5065
CPP / IPP Gas	0	0	0	0
SOLAR	599	543	0	0
Exchange with Mumbai	-1854	-1720	-1427	-882
MSEDCL DEMAND MET	18202	17739	16439	14806
Load Shedding	0	0	0	0
MSEDCL DEMAND	18202	17739	16439	14806
TPCL GENERATION	887	908	1143	633
R-INFRA GENERATION	392	375	440	374
MUMBAI DEMAND	3133	3003	3010	1889
STATE DEMAND MET	21335	20742	19449	16695
STATE DEMAND	21335	20742	19449	16695
Frequency (Hz)	50.05	49.90	50.00	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 13.03 Hrs	49.8 Hz at 17.51 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 20/Nov/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.32	15.71	150	130
Unit 7	0.00	0.00	0	0
Unit 8	7.05	149.52	303	287
Unit 9	6.85	158.42	304	269
Unit 10	6.82	155.60	307	258
Total	24.03	479.25		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.48	173.90	355	350
Unit 5	8.48	172.20	360	350
Total	16.95	346.10		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.43	96.17	250	165
Unit 7	0.00	0.00	0	0
Unit 8	5.33	98.37	249	188
Total	10.76	194.54		
Chandrapur				
Unit 3	4.23	25.02	191	152
Unit 4	4.19	12.42	180	164
Unit 5	9.36	188.12	400	360
Unit 6	6.29	162.52	400	139
Unit 7	9.84	189.37	439	360
Unit 8	6.45	160.67	440	15
Unit 9	9.93	199.23	440	360
Total	50.30	937.35		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	4.18	93.09	250	127
Total	4.18	93.09		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	4.04	79.75	185	155
Unit 3	4.08	72.91	185	157
Unit 4	3.98	83.35	175	160
Unit 5	10.34	167.30	480	380
Total	22.45	403.31		
Nasik				
Unit 3	0.00	58.04	0	0
Unit 4	4.12	78.55	186	158
Unit 5	4.12	17.78	184	159
Total	8.23	154.37		
Uran				
All Units	7.10	130.43	306	281
Total	7.10	130.43		
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)	0.06	1.71	44	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	1.71		
Koyna				
Stage 1-2	0.00	28.60	0	0
Stage 4	0.00	12.56	0	0
Stage 3	0.00	9.46	0	0
Total	0.00	50.61		
Hydro				
KDPH	0.44	11.53	19	18
VTRNA	0.48	8.99	60	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.19	3.16	80	0
RNGR+BHTSA	0.36	7.55	16	15
BHANDARDRA	0.00	4.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.12	4.02	14	2
GHATGHAR	0.00	6.96	0	0
Total	1.61	46.84		
Wind				
Total	5.41	133.19	0	0
Total	5.41	133.19		
CPP				
APML(Mus)	71.94	1342.77	0	0
JSWEL(Mus)	22.90	497.44	0	0
VIPL(Mus)	10.08	127.08	0	0
RPLAMT(Mus)	11.44	145.34	0	0
WPCL(Mus)	2.17	83.92	0	0
Other(Mus)	13.99	268.18	0	0
Total	132.51	2464.72		
SOLAR				
Total	3.92	108.25	0	0
Total	3.92	108.25		
Tata				
Trombay 5	7.65	169.72	355	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	55.52	118	116
Trombay 7B	1.62	31.79	68	66
Trombay 8	3.56	94.88	204	129
TATA Hydro	4.26	66.19	420	15
Total	19.88	418.12		
R-INFRA				
DTPS U-1&2	9.48	195.80	483	374
Total	9.48	195.80		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	136.89	2608.00	MSPGCL Total	145.60	2835.88
			MSPGCL Thml+Gas	143.99	2738.43	Koyna 1,2 & 4 Total	0.00	41.16
			MSPGCL Hydro	1.61	97.45	State Total	316.81	6155.96

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 20/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	5397	36	304	5737	122	5191	0	0	5313	4936	-1284	14702	0	14702	2290	16992	50.01
2	5233	36	293	5562	124	5026	0	0	5314	5225	-1096	14841	0	14841	2103	16944	49.96
3	5150	37	305	5492	130	5048	0	0	5240	5195	-973	14892	0	14892	1980	16872	49.94
4	5045	36	303	5384	151	5065	0	0	5173	5088	-882	14806	0	14806	1889	16695	49.96
5	5160	36	304	5500	283	5120	0	0	5148	5160	-873	15190	0	15190	1877	17067	49.97
6	5335	36	303	5674	380	5566	0	0	5124	5116	-941	15795	0	15795	1945	17740	49.99
7	5340	36	306	5682	386	5746	0	4	5561	5455	-1046	16227	0	16227	2064	18291	49.97
8	5463	69	295	5827	419	5739	0	81	5973	5779	-1050	16795	0	16795	2213	19008	49.98
9	5469	96	303	5868	512	5752	0	235	5928	5963	-1275	17055	0	17055	2518	19573	50.00
10	5690	114	303	6107	466	5782	0	381	6024	6043	-1455	17324	0	17324	2844	20168	49.99
11	5859	187	298	6344	404	5777	0	519	6749	6713	-1627	18130	0	18130	3072	21202	50.02
12	6021	187	284	6492	376	5781	0	599	6973	6808	-1854	18202	0	18202	3133	21335	50.05
13	6102	134	284	6520	349	5740	0	579	6487	5993	-1775	17406	0	17406	3056	20462	50.05
14	6125	107	281	6513	212	5756	0	543	6008	6435	-1720	17739	0	17739	3003	20742	49.90
15	6154	97	292	6543	158	5728	0	469	6116	5740	-1643	16995	0	16995	3049	20044	49.96
16	6128	68	282	6478	122	5703	0	326	5793	5757	-1658	16728	0	16728	3049	19777	49.93
17	6138	37	284	6459	81	5722	0	166	5334	5504	-1592	16340	0	16340	3020	19360	49.97
18	6152	37	296	6485	66	5815	0	22	5236	5218	-1530	16076	0	16076	2967	19043	49.94
19	6099	37	288	6424	86	6107	0	0	5371	5249	-1427	16439	0	16439	3010	19449	50.00
20	6085	37	300	6422	122	5786	0	0	5542	5225	-1416	16139	0	16139	2907	19046	50.03
21	5868	37	290	6195	125	5468	0	0	5405	5163	-1490	15461	0	15461	2719	18180	50.02
22	5690	37	302	6029	104	5027	0	0	5363	5149	-1494	14815	0	14815	2601	17416	50.00
23	5617	37	301	5955	110	5028	0	0	5309	4918	-1444	14567	0	14567	2519	17086	49.99
24	5567	37	304	5908	123	5039	0	0	5358	4916	-1345	14641	0	14641	2423	17064	50.01
MUs	136.89	1.61	7.10	145.60	5.41	132.51	0.00	3.92	135.84	132.75	-32.89	387.31	0.00	387.31	62.25	449.56	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 20/Nov/2018

Position as on 6.30 Hrs of 21/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 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	Khaparkhedda 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	20/11/2018	21.18	No PPA	
MSPGCL	Nasik Unit 3	210	16/11/2018	16.55		Continued.	Withdrawn against dhariwal U-1	
MSPGCL	Chandrapur Unit-8	500	16/11/2018	22.40	20/11/2018	05.47	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 6	500	20/11/2018	02.47	20/11/2018	09.00	Generator protection	

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

Statement-VII

Position as on 6.30 Hrs of 21/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 II	InterState	19/11/2018	17.47	20/11/2018	10.19	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	20/11/2018	17.26		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	19/11/2018	18.22	20/11/2018	06.56	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	20/11/2018	03.07	20/11/2018	17.14	T	Distance Protection,Zone 1,String Broken Loc.No.367 R Phase
Bhusawal-Aurangabad	IntraState	20/11/2018	19.16		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva Ict 2 @Koradi	IntraState	12/11/2018	18.48		Continued.	HT	Emergency hand tripped due to heavy oil leakage
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	20/11/2018	08.10	20/11/2018	18.59	PO	Insulator Coating on Tertiary side equipments
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
Miraj - Ichalkaranji II	IntraState	20/11/2018	09.12	20/11/2018	13.06	PO	Replacement of B phase Damaged Conductor
Salsette Borivli 2	IntraState	20/11/2018	12.20	20/11/2018	12.57	T	Distance Protection,Zone 1, R&Y Phase
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	20/11/2018	20.18	20/11/2018	20.36	T	Distance Protection,R Phase E/F
Padgha-Temghar-II	IntraState	20/11/2018	22.54	21/11/2018	02.55	EO	Replacement of Y Phase CT Damage conductor

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