



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564567, 9551095

Month October, 2020		Day : Thursday		Date : 22.10.20								
Probable Maximum Demand : 11700 MW		Probable Maximum Generation : 14534 MW		Rule Curve = 108.00 ft.								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	21.10.20 (Yesterday)		22.10.20 (Today)		21.10.20 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :			
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)		Description/ Remarks
(A) Plants in operation:												
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	0	0	0	0		85	Under maint.
	b) Ghorasal Repowered CCGP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0		170	Under maint.
	c) Ghorasal Repowered CCGP Unit-4	Gas (PDB)	1 x 210	210	180	100	100	100	100			
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	115	115	115	115	75		Gas Shortage
2	Ghorasal 365 MW CCGP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	200	200	200	200			
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	3x43.35	108	108	71	72	72	72			
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0	78		Gas Shortage
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105		Gas Shortage
6	Haripur GTPP	Gas (PDB)	1 x 32	32	20	0	0	0	0	20		Gas Shortage
7	Haripur 360MW CCGP(HPL)	Gas (IPP)	1x235+1x125	360	360	272	354	360	360			
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	360	420	450	450			
9	210 MW Siddhirganj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0		115	Under Overhauling
10	Haripur 412 MW CCGP	Gas (EGCB)	1x273+1x139	412	412	0	0	0	0		412	Under maint.
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	152	140	115	165	70		Gas Shortage
12	Siddhirganj 335 MW CCGP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0		335	Under maint.
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	7	7	7	7			
14	Meghnaghat CCGP(Summit)	GAS (IPP)	2x110+1x110	305	305	265	305	305	305			
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	16	16	16	16			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	96	95	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	23	37	50	88			
19	Gagnagar 102 MW PP (Digital Powe)	HFO (IPP)	12x8.924	102	102	16	16	16	16			
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	0	19	22	22			
21	Summit Power, (Madhabdi+Ashulia)	Gas (SIIP, REB)	6x3.87+7x8.73	80	80	57	56	55	55			
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	0	33	33	33			
23	Rupganj 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	33	33	33	33			
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	52	52	52			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	85	53	85	86			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	48	150	150	150			
27	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	0	0			
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	54	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	209	300	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	132	149	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	0	100	300			
32	Bramhangan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	50	50	100			
33	Aurabahi 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	51	60	100			
34	Nababganj 55 MW PP (Southern po)	HFO (IPP)	3x19.3	55	55	55	55	55	55			
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	55	55	55	55			
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0			
37	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	53	17	17	17			
Dhaka Zone Total				6119	5895	2529	3059	3231	3610	348	1117	
38	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	123	118	120	120	112		Low Water Level
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	115	115	115	115	65		Gas Shortage
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0		180	Under maint.
40	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	3	0	5	0			
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	18	25	25	25			
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	4	0	20	0			
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	50	50	50	50			
44	Sikalbaha 105 MW PP (Baraka Sika)	HFO (IPP)	6x18.415	105	105	0	0	100	100			
45	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	139	145	145	145			
46	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	204	217	221	221			
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	179	160	300	300			
48	Juldah 100 MW Unit-1 (Accom)	HFO (QRPP)	8x13.45	100	100	30	100	100	100			
49	Juldah 100 MW Unit-3 (Accom)	HFO (IPP)	8x13.45	100	100	22	22	22	22			
50	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	30	102	102	102			
51	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	8	0	0			
52	Barabkunda 22 MW PP (Regent)	Gas (SIIP, PDB)	8x2.90	22	22	0	20	21	21			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			4	17	10	20			
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	5	6	97	97			
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	17	54	54	54			
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	110	110			
56	Juldah unit-2 (Accom)	HFO (IPP)	8x13.6	100	100	100	100	100	100			
Chattogram Zone Total				2326	2266	1043	1259	1717	1702	177	180	
57	a) Ashuganj TPP Unit- 3	Gas (APSCCL)	1 x 150	150	135	0	0	0	0	135		Gas Shortage
	b) Ashuganj TPP Unit- 4	Gas (APSCCL)	1 x 150	150	129	80	70	80	80	59		Gas Shortage
	c) Ashuganj TPP Unit- 5	Gas (APSCCL)	1 x 150	150	134	0	0	0	0	134		Gas Shortage
58	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	10	5	5	5			
59	Ashuganj 225 MW CCGP	Gas (APSCCL)	1x142+1*75	221	221	168	188	225	225			
60	Ashuganj 450 MW CCGP(South)	Gas (APSCCL)	1x360	360	360	280	250	350	350			
61	Ashuganj 450 MW CCGP(North)	Gas (APSCCL)	1x361	360	360	260	260	360	360			
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5	50		Gas shortage
63	Ashuganj 195MW PP (APSCCL-United)	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	8	187		Gas shortage
64	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51			
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	130	150	150	150			
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	25	50			
67	Chandpur 150 MW CCGP	Gas (PDB)	1X106+1x57	163	163	85	86	90	90			
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	135	200	200			
69	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	19	20	22	22			
70	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	8	10	11	11			
71	Jargalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	33	20	33	33			
72	Jargalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	8	25	52			
73	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	15	22	22	22			
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+4x1.515+15x1.05	200	200	0	0	0	200			
75	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	17	35	17	17			
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	103	113	113	113			
**	Impoort (Tijura)	India		160	160	112	132	165	173			
Cumilla Zone Total				3040	2980	1384	1568	1957	2217	565	0	
77	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	119	121	150	150	81		Gas Shortage
78	Tangal 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	20	20	20	20			
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	40	25	48	48			
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	55	115	115	115			
81	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	200	200	200	200			
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1	0	1.6	0			
Mymensing Zone Total				645	637	435	481	534.6	533	81	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	21.10.20 (Yesterday)		22.10.20 (Today)		21.10.20 (Yesterday)		Status of Machines under shut-down/ Maintenance				
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Description/ Remarks	Probable start-up date			
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)					
83	Fenchugonj CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	73	73	85	85						
84	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	43	43	43	43						
85	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	19	22	51	51			47			
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	43	50	44	44						
87	Kushiana 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	110	110	110	110						
88	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	5	11	11	11						
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	40	62	65	65						
90	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	160	159	160	160						
91	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	84	87	86	86						
92	Sylhet 225 MW CAPP	Gas (PDB)	1x142+1x89	231	231	165	219	151	200						
93	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	18	18	18	20						
94	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0						
95	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10						
96	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	19	19	25	25						
97	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	270	325	341	341						
98	Bibiyana-III 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	423	418	400	400						
	Bibiyana South 400 MW	Gas (PDB)				0	0	0	0						
	Sylhet Zone Total			2033	1988	1482	1626	1600	1651	0	47				
99	Bheramara GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16						
100	Bheramara 410 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	255	220	360	360						
101	Fardpur 50 MW Peaking PP	HFO (PDB)	6x6.98	54	54	0	16	0	30						
102	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	60						
103	Khulna 225 MW CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	220	220	220						
104	Khulna 115 PP MW (KPL-2)	HFO (QRPP)	7x17	115	115	49	115	115	115						
105	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	100	50	100						
106	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40						
107	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	90	105	105	105						
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100						
**	Bheramara (HVDC)	India		1000	1000	919	919	928	928						
	Khulna Zone Total			2288	2284	1433	1735	1918	2074	0	0				
109	Barsal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	97	110	110						
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	17	28	33	33						
111	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	0	0	0	0			194			
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1x1.96	95	95	34	95	95	95						
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	420	550	580	580						
	Barishal Zone Total			1054	1054	471	770	818	818	0	194				
114	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage			
	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage			
115	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	43	0	50						
116	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200						
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	42	0	40						
118	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	20	20	20	20						
119	Chapanawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	96	100	100						
120	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	38	50	50						
121	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	0	0						
122	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	33	0	30						
123	Sirajgonj 225MW CAPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage			
124	Sirajgonj 225MW CAPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	169	143	225	225						
125	Sirajgonj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	168	150	220	220						
126	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	350	408	414	414						
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22						
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	10	10	10	10						
129	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	9	11	11	11						
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	45	52	52	52						
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	109	109	113	113						
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	70	113	113	113						
	Rajshahi Zone Total			2193	2163	972	1290	1550	1670	381	0				
133	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	85			Coal Shortage			
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	85			Coal Shortage			
134	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	150	150	150						
135	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0						
136	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2'3	113	113	53	88	105	109						
137	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0						
138	Majpara-Tatula 8 MW Solar PP (Sympa Pt)	Solar (IPP)	1 x 8	8	8	5	0	8	0						
	Rangpur Zone Total			665	605	208	238	263	259	170	0				
	Sub-total: Plants in operation			20383	19892	9957.0	12026	13589	14534	1722	1538				
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss															
						9466	11433	12919	13817						
(B) Contract expired power plants															
						0	0	0	0						
						0	0	0	0						
						20383	19892	9957	12026	13589	14534	1722			
						20383	19892	9957	12026	13589	14534	1722			
						20383	19892	9957	12026	13589	14534	1722			
(C) Actual data of 21.10.20 (Yesterday) Wednesday :															
01.	Max. Demand (Generation end)	:	12026.00	MW, at = 19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
02.	Max. Demand (Sub-station end)	:	11433.00	MW, at = 19:30 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed		
03.	Highest Generation (Generation end)	:	12026.00	MW, at = 19:30 hrs			MW	MW	MW		MW	MW	MW		
04.	Minimum Generation (Generation end)	:	8976.00	MW, at = 7:00 hrs		Dhaka	4061	4061	0	Mymensingh	945	945	0		
05.	Day-peak Generation (Generation end)	:	9957.00	MW, at = 12:00 hrs		Chattogram	1115	1115	0	Sylhet	528	528	0		
06.	Evening-peak Generation (Generation end)	:	12026.00	MW, at = 19:30 hrs		Khulna	1430	1430	0	Barishal	285	285	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:30 hrs		Rajshahi	1247	1247	0	Rangpur	759	759	0		
08.	Actual Minimum Generation up to 8:00 hrs.	:	8238.00	MW, at = 7:00 hrs		Cumilla	1063	1063	0						
09.	Generation shortfall at evening peak due to :	:								Total	11433	11433	0		
	a) Gas limitation	:	1440	MW						(a) Gas =	161564606	Taka	(c) Coal =	75048856	Taka
	d) Coal supply Limitation	:	170	MW						(b) Oil =	571339624	Taka	Total =	807953086	Taka
	b) Low water level in Kaptai lake	:	112	MW											
	c) Plants under shut down/ maintenance	:	1538	MW											
10.	Total Energy (Generation + India Import)	:	254.11	MKWh		14.	Maximum Temperature in Dhaka was : 33.0° C								
	By Gas = 137.307	MKWh				15.	Export through East-West interconnections :								
	By Coal = 16.224	MKWh		72.603	MKWh		At evening peak-hour : 99 MW, at 19:30 hrs								
	By Solar= 0.095	MKWh		2.821	MKWh		Maximum : -12 MW, at 21:00 hrs								
							Energy : 0.026 MKWh								
11.	Total Gas Supplied	:	1159.27	MMCFD											
(D) Forecast of 22.10.20 (Today) Thursday :															
01.	Maximum Demand	:	11700	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)									
02.	Maximum Generation	:	14534	MW (Generation end)	05.	Total Generation : 247.22 MKWh									
03.	Maximum Shortage	:	-2834	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 25.8° C									

* Captive Power ** Imported Power

#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00

(Faouz Islam Shaker)
Deputy Secretary, Generation