



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564567, 9551095

Month October, 2020		Day : Wednesday		Date : 21.10.20							
Probable Maximum Demand : 12800 MW		Probable Maximum Generation : 14849 MW									
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 102.05 ft		Today = 102.04 ft							
		Rule Curve = 107.90 ft									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	20.10.20 (Yesterday)		21.10.20 (Today)		20.10.20 (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)	
(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	303	292	360	360		
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	340	340	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	151	175	115	165	35	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	97	100	100	100		
14	Meghnaghat CCGP(Summit)	GAS (IPP)	2x110+1x110	305	305	275	268	305	305		
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	100	16	100	100		
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	96	97	100	100		
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	40	40		
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	26	24	50	88		
19	Gagnagar 102 MW PP (Digital Powe)	HFO (IPP)	12x8.924	102	102	85	20	94	94		
20	Narsinghdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	19	19	22	22		
21	Summit Power, (Madhabdi+Ashulia)	Gas (SIIP, REB)	6x3.67+7x8.73	80	80	55	55	55	55		
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	33	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	51	52	52		
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	86	86	85	86		
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	64	150	150	150		
27	Katpott 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	225	300	300	300		
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	149	149	149	149		
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	108	100	300		
32	Birahangan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	25	50	100		
33	Aurabahi 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	52	60	100		
34	Nababganj 55 MW PP (Southern po)	HFO (IPP)	3x19.3	55	55	36	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	104	53	17	17		
Dhaka Zone Total				6119	5895	1223	3152	3471	3850	313	1117
38	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	297	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	5	0	5	0		
41	Raazari 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	25	25	25		
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	20	0	20	0		
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	19	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	139	145	145		
46	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	205	204	221	221		
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	142	160	300	300		
48	Juldah 100 MW Unit-1 (Accom)	HFO (QRPP)	8x13.45	100	100	0	100	100	100		
49	Juldah 100 MW PP 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	0	102	102	102		
51	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0		
52	Barabkunda 22 MW PP (Regent)	Gas (SIIP, PDB)	8x2.90	22	22	20	20	21	21		
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	8	5	20		
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	77	91	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	1006	1308	1712	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	26	5	30	30		
59	Ashuganj 225 MW CCGP	Gas (APSCCL)	1x142+1*75	221	221	189	205	225	225		
60	Ashuganj 450 MW CCGP(South)	Gas (APSCCL)	1x360	360	360	280	260	350	350		
61	Ashuganj 450 MW CCGP(North)	Gas (APSCCL)	1x361	360	360	320	295	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	35	51	51	51		
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	140	142	150	150		
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	41	25	50		
67	Chandpur 150 MW CCGP	Gas (PDB)	1X106+1x57	163	163	82	81	90	90		
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	149	200	200		
69	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	19	19	22	22		
70	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11		
71	Jargalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	33	33	33	33		
72	Jargalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	43	43	25	52		
73	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	15	15	22	22		
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+4x1.515+15x1.05	200	200	0	70	0	200		
75	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	17	100	0	17		
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	103	108	113	113		
**	Impoort (Tiripura)	India		160	160	48	140	165	173		
Cumilla Zone Total				3040	2980	1454	1851	1965	2242	565	0
77	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	104	101	150	150	101	Gas Shortage
78	Tangal 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	14	17	20	20		
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	32	32	48	48		
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	35	115	115	115		
81	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	190	189	200	200		
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	1.6	0		
Mymensing Zone Total				645	637	377	454	534.6	533	101	0

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	20.10.20 (Yesterday)		21.10.20 (Today)		20.10.20 (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 CCGP Phase-1	Gas (PDB)	2x32+1x33	97	70	82	71	85	85				
84	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	43	43	43	43		47	GT-4 Under maint.	
85	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	25	25	51	51				
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	43	46	44	44				
87	Kushiana 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	110	110	110	110				
88	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	8	11	11	11				
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	60	64	65	65				
90	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	158	158	160	160				
91	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	87	87	86	86				
92	Sylhet 225 MW CCGP	Gas (PDB)	1x142+1x89	231	231	20	192	140	200				
93	Sylhet 20 MW GTPP	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	16	24	25	25				
97	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	300	341	341				
98	Bibiyana-III 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	413	419	400	400				
	Bibiyana South 400 MW	Gas (PDB)				264	0	0	0				
	Sylhet Zone Total			2033	1988	1657	1578	1589	1651	0	47		
99	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16				
100	Bheramara 410 MW CCGP	Gas (NWPGL)	1 x 278+1 x 132	410	410	320	305	410	410				
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 CCGP	HSD (NWPGL)	1 x 150+1x75	230	230	120	220	220	220				
104	Khulna 115 PP MW (KPL-2)	HFO (QRPP)	7x17	115	115	16	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	70	90	105	105				
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	15	100	100				
**	Bheramara (HVDC)	India		1000	1000	919	920	928	928				
	Khulna Zone Total			2288	2284	1445	1821	1968	2124	0	0		
109	Barsal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	110	110	110				
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	14	38	33	33				
111	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	0	0	0	0		194	Under maint.	
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1x1.96	95	95	93	93	95	95				
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	490	540	580	580				
	Barishal Zone Total			1054	1054	597	781	818	818	0	194		
114	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	71			Gas Shortage	
	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	100			Gas Shortage	
115	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50	0	50				
116	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	30	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	36	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	32	0	30				
123	Sirajgonj 225MW CCGP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0		210	Gas Shortage	
124	Sirajgonj 225MW CCGP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	153	178	225	225				
125	Sirajgonj 225MW CCGP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	157	181	220	220				
126	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	360	369	414	414				
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	21	18	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	11	11	11	11				
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	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	35	110	113	113				
	Rajshahi Zone Total			2193	2183	876	1344	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	149	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	75	99	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			685	605	229	249	263	259	170	0		
	Sub-total: Plants in operation			20383	19892	10568.0	12538	13871	14849	1707	1538		
	Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss					10058	11933	13201	14132				
	(B) Contract expired power plants												
	Sub-Total: Plants under long term maintenance			0	0	0	0	0	0				
	Gross Total			20383	19892	10568	12538	13871	14849	1707	1538		
	(C) Actual data of 20.10.20 (Yesterday) Tuesday :												
01.	Max. Demand (Generation end)			12538.00	MW, at = 19:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)			11933.00	MW, at = 19:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)			12538.00	MW, at = 19:00 hrs	Dhaka	4226	4226	0	Mymensingh	934	934	0
04.	Minimum Generation (Generation end)			8975.00	MW, at = 7:00 hrs	Chattogram	1215	1215	0	Sylhet	540	540	0
05.	Day-peak Generation (Generation end)			10568.00	MW, at = 12:00 hrs	Khulna	1507	1507	0	Barishal	339	339	0
06.	Evening-peak Generation (Generation end)			12538.00	MW, at = 19:00 hrs	Rajshahi	1252	1252	0	Rangpur	778	778	0
07.	Evening Peak Load-shed (Sub-station end)			0.00	MW, at = 19:00 hrs	Cumilla	1142	1142	0				
08.	Actual Minimum Generation up to 8:00 hrs.			8976.00	MW, at = 7:00 hrs								
09.	Generation shortfall at evening peak due to :									Total	11933	11933	0
	a) Gas limitation			1425	MW	13.	Fuel cost :	(a) Gas = 161277370 Taka	(c) Coal = 77774053 Taka				
	d) Coal supply Limitation			170	MW		(b) Oil = 637080862 Taka	Total = 876132285 Taka					
	b) Low water level in Kaptai lake			112	MW								
	c) Plants under shut down/ maintenance			1538	MW	14.	Maximum Temperature in Dhaka was :	34.2° C					
10.	Total Energy (Generation + India Import)			263.32	MKWh	15.	Export through East-West interconnections :						
	By Gas = 138.641 MKWh						At evening peak-hour	: 84 MW, at 19:00 hrs					
	By Coal = 16.856 MKWh						Maximum	: -30 MW, at 3:00 hrs					
	By Solar= 0.222 MKWh						Energy	: 0.018 MKWh					
11.	Total Gas Supplied			1163.15	MMCFD								
	(D) Forecast of 21.10.20 (Today) Wednesday :												
01.	Maximum Demand			12800	MW (Generation end)	04.	Maximum Load-shed	: 0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation			14849	MW (Generation end)	05.	Total Generation	: 268.82	MKWh				
03.	Maximum Shortage			-2049	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	32.6° C					

* Captive Power ** Imported Power

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

(Faouz Islam Shaker)
Deputy Secretary, Generation