



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9584667, 9551095

Month February, 2020			Day : Tuesday				Date : 11.02.20				
Probable Maximum Demand : 9200 MW			Probable Maximum Generation : 14337 MW								
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 92.84 ft		Today = 92.72 ft		Rule Curve = 95.60 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	10.02.20 (Yesterday)		11.02.20 (Today)		10.02.20 (Yesterday)		Status of Machines under shut-down/ Maintenance
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for : Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date	
(A) Plants in operation:											
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	72	72	72	72		
	b) Ghorasal Repowered CCP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	170	Gas Shortage
	c) Ghorasal Repowered CCP Unit-4	Gas (PDB)	1 x 210	210	180	0	150	0	0		
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190	Gas Shortage
2	Ghorasal 365 MW CCP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	370	345	365	365		
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	107	0	100	100		
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0		
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105	Gas Shortage
6	Haripur GTPP	Gas (PDB)	2 x 32	64	40	0	0	0	0	40	Gas Shortage
7	Haripur 360MW CCP(HPL)	Gas (IPP)	1x235+1x125	360	360	321	360	330	360		
8	Meghnaghat 450 MW CCP(MPL)	Gas (IPP)	2x140+1x170	450	450	370	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 CCP	Gas (EGCB)	1x273+1x139	412	412	349	366	412	412		
11	Siddhirganj 2'120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210	Gas Shortage
12	Siddhirganj 335 MW CCP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0	335	Gas Shortage
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	32	70	100	100		
14	Meghnaghat CCP(Summit)	GAS (IPP)	2x110+1x110	305	305	150	150	225	225		
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	25	75	100	100		
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	50	100	100		
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	55	55	55		
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	10	100	100		
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	24	50	100	102		
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22		
21	Summit Power, (Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	59	57	57	57		
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	20	0	33	33		
23	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	25	33	33		
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	0	52	52		
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	0	100	100		
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	149	149		
27	Katpotti 52 MW PP (Sirha)	HFO (IPP)	7x7.90	51	51	0	23	50	50		
28	Kamalaghat 54 MW PP (Barco Energy)	HFO (IPP)	3x18.69	54	54	0	53	54	54		
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	0	200	300		
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	99	133	149	149		
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	0	300		
32	Branhangoan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+9x1.959	100	100	0	0	0	100		
33	Aurahat 100MW PP (Aggreko)	HSD (IPP)	23x0.85+9x1.959	100	100	0	0	0	100		
34	Nabaganj 55 MW PP (Southern pc)	HFO (IPP)	3x19.3	55	55	0	0	55	55		
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	17	55	55	55		
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	71	71		
Dhaka Zone Total			6047	5811	2062	2541	3589	4221	1050	115	
37	Karnaphuli Hydro PP Unit-1,2,3,4	Hydro (PDB)	2x40, 3x50	230	230	70	69	70	70	161	Low Water Level
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Gas Shortage
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	120	120	120	120		
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	4.8	0	5	0		
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25		
41	Teknaf 20MW PP (Solarsat)	Solar (IPP)	1x20	20	20	0	0	20	0		
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	50	50	50	50		
43	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	0	0	105	105		
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	104	139	145	145		
45	Sikalbaha 225 MW CCP	Gas (PDB)	1 x 150+1 x 75	225	225	213	212	220	220		
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	0	150	230	300		
47	Juldah 100 MW Unit-1 (Accom)	HFO (QRPP)	8x13.45	100	100	0	0	100	100		
48	Juldah 100 MW PP Unit-3 (Accom)	HFO (IPP)	8x13.45	100	100	50	30	90	90		
49	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	0	80	100		
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0		
51	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	21	21		
	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			2	18	15	30		
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	25	26	100	100		
53	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	54	54		
54	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110		
Chattogram Zone Total			2226	2166	657.8	833	1500	1640	341	0	
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	0	0	0	0	135	Gas Shortage
	b) Ashuganj TPP Unit- 4	Gas (APSCL)	1 x 150	150	129	0	0	0	0	129	Gas Shortage
	c) Ashuganj TPP Unit- 5	Gas (APSCL)	1 x 150	150	134	80	80	100	100		
56	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	36	38	42	42		
57	Ashuganj 225 MW CCP	Gas (APSCL)	1x142+1'75	221	221	201	198	225	225		
58	Ashuganj 450 MW CCP(South)	Gas (APSCL)	1x360	360	360	330	330	360	360		
59	Ashuganj 450 MW CCP(North)	Gas (APSCL)	1x361	360	360	350	330	360	360		
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	5	5	5	5		
61	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20'9.73+11'16	195	195	8	8	55	55		
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	39	51	51		
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	30	100	150		
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50		
65	Chandpur 150 MW CCP	Gas (PDB)	1X106+1x57	163	163	90	91	90	90		
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	0	200		
67	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	21	22	22		
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11		
69	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	25	33	33		
70	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	0	50		
71	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	19	21	20	20		
72	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	0	0	200		
73	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7'18.415+1'9.78	114	114	0	0	0	114		
74	Chowmuhani 113 MW Impopr (Tripura)	HFO (IPP)	12'9.78+2'3.1	113	113	0	0	113	113		
	** India		160	160	86	114	101	111			
Cumilla Zone Total			3040	2980	1303	1341	1688	2362	264	0	
75	RPCL 210MW CCP	Gas (IPP)	4x35+1x70	210	202	103	103	129	129		
76	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	20	22	22		
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	95	92	95	95		
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	115	115	115	115		
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	16	67	100	200		
80	Sarishabani 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	1.6	0		
Mymensingh Zone Total			645	637	353.1	397	462.6	561	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	10.02.20 (Yesterday)		11.02.20 (Today)		10.02.20 (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)			
81	Fenchugonj CCGP Phase-1	Gas (PDB)	2x32+1x33	97	70	46	86	60	60				
82	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	50	73	55	55				
83	Fenchugonj 51 MW PP (Barakattul)	Gas (RPP)	19x2.90	51	51	51	53	51	51				
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	48	50	44	44				
85	Kushlaha 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	100	130	163	163				
86	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11				
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	66	67	66	66				
88	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	142	154	160	160				
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	40	80	80	80				
90	Sylhet 150 MW CCGP	Gas (PDB)	1x142	142	142	10	0	20	20				
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	17	17	20	20				
92	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0				
93	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
94	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	24	24	24				
95	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	300	341	341				
96	Bibiyan-II 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	145	145	145	145				
Sylhet Zone Total					1944	1899	1064	1200	1250	1250	0	0	
97	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	40				
98	Bheramara 410 MW CCGP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	310	270	300	300				
99	Fairdip 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	36				
100	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	30	70				
101	Khulna 225 MW CCGP	HSD (NWP/GCL)	1 x 150+1x75	230	230	0	0	0	225				
102	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	49	115	115	115				
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	0	80	100				
104	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	0	33	33				
105	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	0	50	105				
106	Madhumati 100 MW PP	HFO (NWP/GCL)	6x18.415	105	105	0	0	50	105				
**	Bheramara (HVDC)	India		1000	1000	494	784	501	797				
Khulna Zone Total					2328	2314	853	1169	1159	1926	0	0	
107	Barisal GT PP Unit-1& 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	0	70	110				
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	13	20	20	20				
110	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	83	110	110	194				
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	13	13	95	95				
Barisal Zone Total					472	462	343	465	595	449	0	0	
112	a) Baghabani 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	71			Gas Shortage	
	b) Baghabani 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	100			Gas Shortage	
113	Baghabani 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50				
114	Baghabani 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
115	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	45				
116	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	30	50	50	50				
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	102	80	102				
118	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	40	40				
119	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	40	40				
120	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	38				
121	Sirajgonj 225MW CCGP Unit-1	Gas (NWP/GCL)	1x150+1x75	210	210	170	130	210	210				
122	Sirajgonj 225MW CCGP Unit-2	Gas (NWP/GCL)	1x150 + 1x75	220	220	0	0	0	220			Gas Shortage	
123	Sirajgonj 225MW CCGP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	0	0	0	220			Gas Shortage	
124	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	391	427	410	410				
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	2	2	22	22				
126	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	3	3	5	5				
127	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
128	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	52	52				
129	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	109	99	113	113				
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	0	0	113				
Rajshahi Zone Total					2193	2183	736	844	1233	1501	611	0	
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	90	90	90	90				
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0			85 Shutdown for Low Demand	
132	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	190	190	190	190				
133	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
134	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	0	102	113	113				
135	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
136	Majpara, Tatalia 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	5.6	0	8	0				
Rangpur Zone Total					685	605	286	382	401	427	0	85	
Sub-total: Plants in operation					19580	19057	7657.5	9172	11878	14337	2266	200	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							7198	8225	11165	13476			
(B) Contract expired power plants													
137	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0			Contract expired	
Sub-Total: Plants under long term maintenance					50	50	0	0	0	0			
Gross Total					19630	19107	7657.5	9172	11878	14337	2266	200	
(C) Actual data of 10.02.20 (Yesterday) Monday :													
01.	Max. Demand (Generation end)	:	9172.00	MW, at = 19:00 hrs P	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	8225.40	MW, at = 19:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	9172.00	MW, at = 19:00 hrs P	Dhaka	2920	2920	0	Mymensingh	782	782	0	
04.	Minimum Generation (Generation end)	:	5725.00	MW, at = 4:00 hrs	Chattogram	926	926	0	Sylhet	316	316	0	
05.	Day-peak Generation (Generation end)	:	7657.50	MW, at = 12:00 hrs	Khulna	1046	1046	0	Barishal	223	223	0	
06.	Evening-peak Generation (Generation end)	:	9172.00	MW, at = 19:00 hrs P	Rajshahi	1046	1046	0	Rangpur	223	223	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs P	Cumilla	743.4	743.4	0					
08.	Actual Minimum Generation up to 8:00 hrs.	:	5670.00	MW, at = 5:00 hrs am									
09.	Generation shortfall at evening peak due to :	:											
	a) Gas limitation	:	2105	MW	13.	Fuel cost :	(a) Gas = 119094651 Taka	(c) Coal = 32601837 Taka					
	c) Coal supply Limitation	:	0	MW		(b) Oil = 134215474 Taka	Total = 151696488 Taka						
	b) Low water level in Kaptai lake	:	161	MW									
	c) Plants under shut down/ maintenance	:	200	MW	14.	Maximum Temperature in Dhaka was :	26.3° C						
10.	Total Energy (Generation + India Import)	:	176.31	MKWh	15.	Export through East-West interconnections :							
	By Gas = 130.792 MKWh			By Oil = 18.699 MKWh		At evening peak-hour	: -280	MW, at 19:00 hrs PM					
	By Coal = 12.386 MKWh			By Hydro = 1.590 MKWh		Maximum	: -465	MW, at 6:00 hrs					
	By Solar = 0.084 MKWh					Energy	: 3.113	MKWh					
11.	Total Gas Supplied	:	1067.30	MMCFD									
(D) Forecast of 11.02.20 (Today) Tuesday :													
01.	Maximum Demand	:	9200	MW (Generation end)	04.	Maximum Load-shed	:	0	MW At evening peak (Sub-station end)				
02.	Maximum Generation	:	14337	MW (Generation end)	05.	Total Generation	:	176.85	MKWh				
03.	Maximum Shortage	:	-5137	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :		26.1° C					

* Captive Power ** Imported Power

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

(Faouzi Islam Shaker)
Deputy Secretary, Generation