

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	08.01.21 (Yesterday)		09.01.21 (Today)		08.01.21 (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	
					Day	Evening	Day	Evening					
86	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	0	0	45	45				
87	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	0	0	20	20				
88	Fenchugonj 51 MW PP (Barakatula)	Gas (RPP)	19x2.90	51	51	0	53	51	51				
89	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	0	44	44	44				
90	Kushiyara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	0	0	0	0				
91	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11				
92	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	62	40	68	68				
93	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	0	0	0	0	330	Under maint.	25/01/2021	
94	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	72	75	70	70				
95	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	170	164	200	200				
96	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	18	18	20	20				
97	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0				
98	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	9	9	9	9				
99	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	8	16	16				
100	Bibiyan-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	300	330	330				
101	Bibiyan-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0	400	Gas Shortage		
	Bibiyan South 400 MW	Gas (PDB)				130	130	400	400				
	Shahjibazar 100 MW GTTP	Gas (PDB)				0	100	100	100				
	Sylhet Zone Total			2033	1988	792	952	1384	1384	400	330		
102	Bheramara GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16				
103	Bheramara 410 MW CCPP	Gas (NWPGCL)	1 x 278+ 1 x 132	410	410	275	260	300	325	150		Gas Shortage	
104	Fairpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	4	35	35				
105	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	70	70				
106	Khulna 225 MW CCPP	HSD (NWPGCL)	1 x 150+1x75	230	230	0	0	0	220				
107	Khulna 115 PP MW (KPCCL-2)	HFO (QRPP)	7x17	115	115	115	115	115	115				
108	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	50	100				
109	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	0	40	40				
110	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	17	35	105	105				
111	Madhumati 100 MW PP	HFO (NWPGCL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	470	707	678	822				
	Khulna Zone Total			2288	2284	877	1121	1493	1948	150	0		
112	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	0	110	110				
113	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.00	33	33	20	26	24	26				
114	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	0	0	0	0	194	Under maint.		
115	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	30	60	60	61				
116	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	360	420	600	600				
	Bhola Nutan Biddut BD LTD	Gas/HSD (IPP)				28	55	50	56				
	United Payra Power Ltd.	HFO (IPP)				35	55	54	54				
	Barishal Zone Total			1676	1676	473	616	898	907	0	194		
117	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	
118	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50				
119	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
120	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	40				
121	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	35	35				
122	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	69	94	94				
123	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	50	50				
124	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50				
125	Santalar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	34				
126	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGCL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
127	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGCL)	1x150+ 1x75	220	220	0	0	0	0	220		Gas Shortage	
128	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGCL)	1x141+1x79	220	220	140	180	220	220				
129	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	407	317	400	400				
130	Bogra 22 MW PP (GGB)	Gas (RPP)	6x4.0	22	22	22	20	22	22				
131	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	0	0	0				
132	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
133	Natore 52 MW PP (Rajjanka)	HFO (IPP)	6x8.92	52	52	0	0	52	52				
134	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6'18.55	113	113	35	113	113	113				
135	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	113	113	113	113				
	Rajshahi Zone Total			2193	2183	728	823	1360	1484	601	0		
136	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
137	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	150	150	150				
138	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
139	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7'16x 2'3	113	113	0	113	113	113				
140	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
141	Majpara, Tatalia 8 MW Solar PP (Sympa P)	Solar (IPP)	1 x 8	8	8	3	0	8	0				
	Rangpur Zone Total			685	605	153	263	271	263	170	0		
	Sub-total: Plants in operation			21239	20748	6485.0	8158	12413	13677	3901	1599		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6237	7846	11938	13154				
(B) Contract expired power plants													
Sub-Total: Plants under long term maintenance				0	0	0	0	0	0				
Gross Total				21239	20748	6485	8158	12413	13677	3901	1599		
(C) Actual data of 08.01.21 (Yesterday) Friday :													
01.	Max. Demand (Generation end)	: 8158.00	MW, at = 19:30 hrs	12.				Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :					
02.	Max. Demand (Sub-station end)	: 7846.00	MW, at = 19:30 hrs	Zone		Demand	Supply	Load Shed	Zone		Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	: 8158.00	MW, at = 19:30 hrs	MW	MW	MW	MW	MW	MW	MW	MW	MW	
04.	Minimum Generation (Generation end)	: 5922.00	MW, at = 5:00 hrs	Dhaka	2560	2560	0	Mymensingh	714	714	0		
05.	Day-peak Generation (Generation end)	: 6485.00	MW, at = 12:00 hrs	Chattogram	929	929	0	Sylhet	314	314	0		
06.	Evening-peak Generation (Generation end)	: 8158.00	MW, at = 19:30 hrs	Khulna	1006	1006	0	Barishal	231	231	0		
07.	Evening Peak Load-shed (Sub-station end)	: 0.00	MW, at = 19:30 hrs	Rajshahi	826	826	0	Rangpur	557	557	0		
08.	Actual Minimum Generation up to 8:00 hrs.	: 5529.00	MW, at = 7:00 hrs	Cumilla	709	709	0						
09.	Generation shortfall at evening peak due to :							Total	7846	7846	0		
	a) Gas limitation	: 3547	MW	13.		Fuel cost :		(a) Gas = 109417766 Taka	(c) Coal = 65697623 Taka				
	d) Coal supply Limitation	: 170	MW					(b) Oil = 210825004 Taka	Total = 385940393 Taka				
	b) Low water level in Kaptai lake	: 184	MW										
	c) Plants under shut down/ maintenance	: 1599	MW										
10.	Total Energy (Generation + India Import)	: 162.46	MWWh	14.		Maximum Temperature in Dhaka was :		29.4° C					
	By Gas = 103.359	MWWh	29.984	15.		Export through East-West interconnections :		At evening peak-hour : 63 MW, at 19:30 hrs					
	By Coal = 14.101	MWWh	1.055			Maximum		: -37 MW, at 18:30 hrs					
	By Solar= 0.401	MWWh				Energy		: 0.037 MWWh					
11.	Total Gas Supplied	: 772.42	MMCFD										
(D) Forecast of 09.01.21 (Today) Saturday :													
01.	Maximum Demand	: 9100	MW (Generation end)	04.		Maximum Load-shed		: 0		MW		At evening peak (Sub-station end)	
02.	Maximum Generation	: 13677	MW (Generation end)	05.		Total Generation		: 181.22		MWWh			
03.	Maximum Shortage	: -4577	MW (Generation end)	06.		Probable Max. Temperature in Dhaka :		: 28.6° C					

* Captive Power ** Imported Power

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

(Fozul Islam Shaker)

Deputy Secretary, Generation