

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.01.23 (Yesterday)		20.01.23 (Today)		19.01.23 (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/Coal/Water Limitation MW	Machines shut down (MW)		
88	Fenchugoni CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	30	30	30	30		40	G1-1 Under maint.
89	Fenchugoni CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	0	31	31	31		59	G1-4 Under maint.
90	Fenchugoni 51 MW PP (Barskatullah)	Gas (RPP)	19x2.90	51	51	5	53	50	50			
91	Kushiana 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	0	0	0	0		163	Under maint.
92	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	0	8	8	8			
93	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	60	62	64	64			
94	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+1x110	330	330	0	0	0	0		330	Under maint.
95	Shahjibazar 66MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	40	81	50	81			
96	Sylhet 225 MW CAPP	Gas (PDB)	1x142+1x89	231	231	197	0	0	0			
97	Sylhet 20 MW GTPP	Gas (PDB)	1x20	20	20	19	19	20	20			
98	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10			
99	Shahjibazar 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	0	14	16	16			
100	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	300	320	320			
101	Bibiana-III 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	401	398	400	400			
102	Bibiana South 383 MW CAPP	Gas (PDB)	1x252+1x131	383	383	400	400	400	400			
103	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	0	0	0	0		100	Under project work
104	Fenchugoni 44MW (Energyprima)	Gas (NENP)	12'3.3+5'2	50	50	5	50	44	44			
Sylhet Zone Total												
2472 2427 1467 1456 1443 1474 0 692												
105	Bheramara GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0			
106	Bheramara 410 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	0	0	0	0	410		Gas Shortage
107	Fairidpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	2	37	0	33			
108	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	87	0	75			
109	Khulna 225 MW CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0			
110	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	30	0	5			
111	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	0	0	18			
112	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	0	0			
113	Mongla Orion 100 MW Solar PP	Solar (IPP)		100	100	67	0	100	0			
114	Khulna 115 MW PP (KPCL-2)	HFO (NENP)	7x17	115	115	0	0	16	66			
115	Noapara 40 MW PP (Khanjahan Ali)	HFO (NENP)	5'8.5	40	40	0	8	0	8			
116	Maitree Super Thermal 1320 MW PP (U-1)	Coal (BIFPCL)	1x617	617	617	0	0	0	0	617		Coal Shortage
**	Khulna 330 MW CAPP	Gas/HSD (BFPDB)				0	0	0	0			
**	Bheramara (HVDC)	India		1000	1000	913	912	882	930			
Khulna Zone Total												
3005 3001 982 1074 998 1135 1027 0												
117	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	110	64	32	32			
118	Bhola 33 MW PP (Venture)	Gas (NENP)	1x34.50	40	40	18	24	19	25			
119	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	131	131	135	135			
120	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	530	775	750	750			
121	Potukhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	35	100	35	100			
122	Barisal Electric 307 MW	Coal (IPP)	1x307	307	307	0	0	0	0	307		Coal Shortage
123	Bhola 220MW CAPP (Nutan Bidyut BD Ltd)	Gas/HSD (IPP)	2x75+1x70	220	220	220	222	220	220			
Barisal Zone Total												
2265 2265 1044 1316 1191 1262 307 0												
124	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
125	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	25	0	34			
126	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	0	0			
127	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	23	0	31			
128	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	42	91	0	92			
129	Katakhali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	32	40	0	40			
130	Katakhali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	42	42	8	8			
131	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	37	0	37			
132	Sirajganj 225MW CAPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage
133	Sirajganj 225MW CAPP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	161	165	170	180	55		Gas Shortage
134	Sirajganj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	0	0	0	0	220		Gas Shortage
135	Sirajganj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	348	329	330	380	85		Gas Shortage
136	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	18	20	22	22			
137	Lillapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8			
138	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	8	8			
139	Baqura 113 MW (Confidence) U-1	HFO (IPP)	6'18.55	113	113	35	35	35	35			
140	Baqura 113 MW PP (Confidence) U-2	HFO (IPP)	6x18.55	113	113	0	35	35	35			
141	Sirajganj 6.55 MW Solar	Solar (NWPGL)	1x6	6	6	4	0	6	0			
	Adani Power Jharkhanda Ltd	Coal				0	0	0	0			
Rajshahi Zone Total												
2129 2129 690 850 622 910 741 0												
142	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	83	82	83	83	3		Coal Shortage
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Under Overhauling
143	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	250	250	250	250	24		Coal Shortage
144	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0			
145	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7'16x 2'3	113	113	33	34	35	35			
146	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0			
147	Majpara, Tatalia 8 MW Solar PP (Sympa Power)	Solar (IPP)	1 x 8	8	8	5	0	8	0			
148	Thakurgaon 119MW PP (Energypac)	HFO (IPP)	6'20	115	115	114	115	115	115			
149	Lalmorihal 30 MW Solar (Intraco)	Solar (IPP)	1'30	30	30	24	0	30	0			
	Teesta Solar Limited	Solar (IPP)				138	0	130	0			
Rangpur Zone Total												
830 750 647 481 651 483 27 85												
Sub-total: Plants in operation												
23078 22700 8415.0 9554 8521 9707 3866 3013												
(B) Plants under long term maintenance/ contract expired												
150	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	0	0	0	0	0			
151	Kapzoti 32 MW PP (Sinha)	HFO (IPP)	7x7.90	51	0	0	0	0	0			
152	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	118	0	0	0	0	0			
153	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	0	0	0	0	0			
154	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	0	0	0	0	0			Contract Expired on 11/01/2022
Sub-Total: Plants under long term maintenance/ contract expired												
404 0 0 0 0 0 0 0												
Gross Total												
23482 22700 8415 9554 8521 9707 3866 3013												

Actual data of 19.01.23 (Yesterday) Thursday :												
01.	Max. Demand at eve. peak (Generation end) :		10000 MW, at = 19:00 hrs									
02.	Max. Demand at eve. peak (Sub-station end) :		9569 MW, at = 19:00 hrs									
03.	Highest Generation (Generation end) :		9554 MW, at = 19:00 hrs									
04.	Minimum Generation (Generation end) :		6695 MW, at = 5:00 hrs									
05.	Day-peak Generation (Generation end) :		8415 MW, at = 12:00 hrs									
06.	Evening-peak Generation (Generation end) :		9554 MW, at = 19:00 hrs									
07.	Evening Peak Load-shed (Sub-station end) :		411 MW, at = 19:00 hrs									
08.	Minimum Generation Forecast up to 8:00 hrs. :		6521 MW, at = 5:00 hrs									
09.	Generation shortfall at evening peak due to :											
a)	Gas/LF limitation :		3639 MW									
b)	Coal supply Limitation :		27 MW									
c)	Low water level in Kaptai lake :		200 MW									
d)	Plants under shut down/ maintenance :		3013 MW									
10.	Total Energy (Generation + India Import) :		198.47 MKWh									
		By Gas = 112.023 MKWh	By Oil = 37.066 MKWh									
		By Coal = 24.813 MKWh	By Hydro = 0.709 MKWh									
		By Solar = 1.573 MKWh										
11.	Total Gas Supplied :		854.19 MMCFD									
12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :												
		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW			
		Dhaka	3440	3399	41	Mymensingh	868	718	150			
		Chattogram	982	982	0	Sylhet	357	357	0			
		Khulna	1191	1151	40	Barishal	261	261	0			
		Rajshahi	966	786	180	Rangpur	704	704	0			
		Cumilla	799	799	0							
					Total	9569	9158	411				
		13.	Fuel cost :		(a) Gas = 123966912 Taka	(c) Coal = 194621567 Taka						
				(b) Oil = 493194370 Taka	Total = 811782849 Taka							
				Maximum Temperature in Dhaka was :		24.0° C						
				Export through East-West interconnections :								
				At evening peak-hour :		8415 MW, at	19:00 hrs					
				Maximum Energy :		510 MW, at	6:00 hrs					
				Energy :		0 MKWh						
(D) Forecast of 20.01.23 (Today) Friday :												
01.	Maximum Demand :		9500 MW (Generation end)									
02.	Maximum Generation :		9707 MW (Generation end)									
03.	Reserve / Shortage :		207 MW (Generation end)									
04.	Maximum Load-shed :		0 MW At evening peak (Sub-station end)									
05.	Total Generation :		197.35 MKWh									
06.	Probable Max. Temperature in Dhaka :		25.2° C									

#Remarks: Highest Generation 14782 MW on 16-04-2022 at 21:00 (Md. Helalur Rahman) Deputy Secretary, Generation

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