

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	17.08.21 (Yesterday)		18.08.21 (Today)		17.08.21 (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)			
87	Fenchugoni CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	43	43	43	44		27	Under maint.	
88	Fenchugoni CAPP Phase-2	Gas (PDB)	2x25+1x35	104	90	42	42	42	42		48	Under maint.	
89	Fenchugoni 51 MW PP (Barakutallah)	Gas (RPP)	19x2.90	51	51	52	53	51	51				
90	Kushara 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
91	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11				
92	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	63	61	62	64				
93	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+1x110	330	330	270	271	270	270				
94	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	81	81	84	84				
95	Sylhet 225 MW CAPP	Gas (PDB)	1x142+1x89	231	231	219	220	225	225				
96	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	18	18	18				
97	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	9	10	10	10				
98	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	24	24	24				
99	Bitiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	280	290	341	341				
100	Bitiyana-III 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	367	356	400	400				
101	Bitiyana South 383 MW CAPP	Gas (PDB)	1x252+1x131	383	383	400	400	350	383				
102	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	0	0	0	0				
Sylhet Zone Total				2422	2377	2036	2043	2094	2130	0	75		
103	Bharanara GTTP Unit- 3	HSD (PDB)	1 x 20	20	15	0	0	0	0				
104	Bharanara 410 MW CAPP	Gas (NWPGL)	1 x 278-1 x 132	410	410	385	325	330	400				
105	Fatidpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	25	0	25				
106	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	60				
107	Khulna 225 MW CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	40	0	225				
108	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	100	50	100				
109	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	70	105	105	105				
110	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100				
** Bheranara (HVDC) India				1000	1000	696	698	700	700				
Khulna Zone Total				2133	2129	1151	1293	1285	1715	0	0		
111	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	0	110	110				
112	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	19	31	33	33				
113	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	88	88	89	89		106	Under maint.	
114	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1x96	95	95	11	11	12	12				
115	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	360	500	622	622				
116	Potakhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	17	150	150				
117	Bhola 220MW CAPP (Nutan Bidyt B)	Gas/HSD (IPP)	2x75+1x70	220	220	180	220	220	220				
Barishal Zone Total				2046	2046	658	867	1236	1236	0	106		
118	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	71			Gas Shortage	
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0		100	Gas Shortage	
119	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	43	50	50				
120	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
121	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	33	0	40				
122	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	35	35				
123	Chapanawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	0	94	95	95				
124	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	31	30	30				
125	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	0	0				
126	Santalhar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	22	0	20				
127	Sirajgonj 225MW CAPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0			Gas Shortage,STG S/D	
128	Sirajgonj 225MW CAPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	191	166	215	215				
129	Sirajgonj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	202	182	220	220				
130	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	403	390	400	400				
131	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
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	52	52	52	52				
134	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	30	113	113	113				
135	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	98	113	113	113				
136	Sirajgonj 6.55 MW Solar	Solar (NWPGL)	1x6	6	6	6	6	6	6				
Rajshahi Zone Total				2179	2179	1014	1272	1562	1616	171	0		
137	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	
138	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	155	157	150	155		117	Coal Shortage	
139	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	10				
140	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	90	113	113	113				
141	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	10				
142	Maipara, Tutula 8 MW Solar PP (Sympa Powe)	Solar (IPP)	1 x 8	8	8	4	0	8	0				
Rangpur Zone Total				685	605	249	270	271	288	287	0		
Sub-total: Plants in operation				21694	21280	10648.0	12675	14417	15431	2002	1476		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							10205	12148	13817	14789			
(B) Plants under long term maintenance/ contract expired													
143	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	0	0	0	0	0				
144	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	0	0	0	0	0			Contract Expired on 12/11/2020	
145	Meghnaghat 100 MW(IEEL)	HFO (QRPP)	12x8.9	100	0	0	0	0	0			Contract Expired on 07/05/2021	
146	Khulna 115 MW PP (KPCL-2)	HFO (QRPP)	7x17	115	0	0	0	0	0			Contract Expired on 31/05/2021	
Sub-Total: Plants under long term maintenance/ contract expired				337	0	0	0	0	0				
Gross Total				22031	21280	10648	12675	14417	15431	2002	1476		
(C) Actual data of 17.08.21 (Yesterday) Tuesday :													
01.	Max. Demand at eve. peak (Generation end)					12675.00	MW, at = 20:00 hrs	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :					
02.	Max. Demand at eve. peak (Sub-station end)					12148.00	MW, at = 20:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW		
03.	Highest Generation (Generation end)					12675.00	MW, at = 20:00 hrs	Dhaka	4275	4275	0		
04.	Minimum Generation (Generation end)					9487.00	MW, at = 8:00 hrs	Mymensingh	986	986	0		
05.	Day-peak Generation (Generation end)					10648.00	MW, at = 12:00 hrs	Chattogram	1261	1261	0		
06.	Evening-peak Generation (Generation end)					12675.00	MW, at = 20:00 hrs	Khulna	1537	1537	0		
07.	Evening Peak Load-shed (Sub-station end)					0.00	MW, at = 20:00 hrs	Rajshahi	1289	1289	0		
08.	Minimum Generation Forecast up to 8:00 hrs.					9172.00	MW, at = 5:00 hrs	Cumilla	1155	1155	0		
09.	Generation shortfall at evening peak due to :												
	a) Gas limitation					1608	MW	13.	Fuel cost :	(a) Gas = 158890269 Taka	(c) Coal = 71967609 Taka		
	b) Coal supply Limitation					287	MW		(b) Oil = 542451232 Taka	Total = 773309109 Taka			
	c) Low water level in Kaptai lake					107	MW						
	d) Plants under shut down maintenance					1476	MW	14.	Maximum Temperature in Dhaka was :	32.4° C			
10.	Total Energy (Generation + India Import)					269.46	MKWh	15.	Export through East-West interconnections :				
	By Gas =	154.031	MKWh	By Oil =	76.998	MKWh			At evening peak-hour	-484	MW, at	20:00 hrs	
	By Coal =	15.495	MKWh	By Hydro =	2.873	MKWh			Maximum	-578	MW, at	23:00 hrs	
	By Solar =	0.532	MKWh						Energy	3.6355	MKWh		
11.	Total Gas Supplied					1200.91	MMCFD						
(D) Forecast of 18.08.21 (Today) Wednesday :													
01.	Maximum Demand					13100	MW (Generation end)	04.	Maximum Load-shed		0	MW At evening peak (Sub-station end)	
02.	Maximum Generation					15431	MW (Generation end)	05.	Total Generation		278.50	MKWh	
03.	Maximum Shortage					-2331	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :		32.6° C		

* Captive Power ** Imported Power
#Remarks: Highest Generation 13792 MW on 27-04-2021 at 20:00

(Fazul Islam Shaker)
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