

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	21.08.21 (Yesterday)		22.08.21 (Today)		21.08.21 (Yesterday)		Status of Machines under shut-down Maintenance							
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for : Machines shut down (MW)			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	44	43	43	43		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 (Barakatullah)	Gas (RPP)	19x2.90	51	51	50	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	0	8	11	11									
92	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	0	0	62	65									
93	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+1x110	330	330	270	272	270	270									
94	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	81	84	84	84									
95	Sylhet 225 MW CAPP	Gas (PDB)	1x142+1x89	231	231	219	199	225	225									
96	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	0	18	18									
97	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10									
98	Shahjahanula 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	16	24	24									
99	Bitiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	290	341	341									
100	Bitiyana-III 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	411	365	400	400									
101	Bitiyana South 383 MW CAPP	Gas (PDB)	1x252+1x131	383	383	300	301	350	383									
102	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	0	0	0	0									
Sylhet Zone Total				2422	2377	1906	1846	2094	2130	0	75							
103	Bheramara GTTP Unit- 3	HSD (PDB)	1 x 20	20	15	0	0	0	0									
104	Bheramara 410 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	360	375	370	400									
105	Faridpur 50 MW Peaking PP	HFO (PDB)	6x6.98	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	50	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	53	105	105	105									
110	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100									
Bheramara (HVDC) India				1000	1000	682	680	692	692									
Khulna Zone Total				2133	2129	1095	1335	1317	1707	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	21	34	33	33									
113	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	88	88	88	88		106	Under maint.						
114	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	12	12	12	12									
115	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	300	530	622	622									
116	Potokhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	35	150	150									
117	Bhola 220MW CAPP (Nutan Bidyt B)	Gas/HSD (IPP)	2x75+1x70	220	220	180	220	220	220									
Barisal Zone Total				2046	2046	601	921	1235	1235	0	106							
118	a) Baghabari 71 MW GTTP	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						
119	Baghabari 50 MW Peaking PP	HFO (PDB)	6x6.9	52	52	0	50	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	37	0	40									
122	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	0	0									
123	Chapanawabganj 100 MW Peaking PI	HFO (PDB)	12x8.924	104	104	0	94	95	95									
124	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	30	30	31									
125	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	0	0									
126	Santalaha 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	23	0	23									
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	200	192	200	200									
129	Sirajgonj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	206	213	220	220									
130	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	400	416	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 (Rajanka)	HFO (IPP)	6x8.92	52	52	43	52	52	52									
134	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	113	113	113									
135	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	35	113	113	113									
136	Sirajgonj 6.55 MW Solar	Solar (NWPGL)	1x6	6	6	6	0	6	0									
Rajshahi Zone Total				2179	2179	922	1366	1512	1570	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	153	155	155	155		119	Coal Shortage						
139	Rangpur 20 MW GTTP	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	35	113	113	113									
141	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	10									
142	Maipara, Tutula 6 MW Solar PP (Sympa Power)	Solar (IPP)	1 x 6	6	3	0	0	8	0									
Rangpur Zone Total				685	605	191	268	276	288	289	0							
Sub-total: Plants in operation				21694	21280	10166.0	12686	14250	15255	1906	1476							
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							9706	12112	13605	14565								
(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 (Energyrma)	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	10166	12686	14250	15255	1906	1476							
(C) Actual data of 21.08.21 (Yesterday) Saturday :																		
01.	Max. Demand at eve. peak (Generation end)	: 12686.00 MW, at = 21:00 hrs																
02.	Max. Demand at eve. peak (Sub-station end)	: 12112.00 MW, at = 21:00 hrs																
03.	Highest Generation (Generation end)	: 12686.00 MW, at = 21:00 hrs																
04.	Minimum Generation (Generation end)	: 9084.00 MW, at = 7:00 hrs																
05.	Day-peak Generation (Generation end)	: 10166.00 MW, at = 12:00 hrs																
06.	Evening-peak Generation (Generation end)	: 12686.00 MW, at = 21:00 hrs																
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 21:00 hrs																
08.	Minimum Generation Forecast up to 8:00 hrs.	: 9676.00 MW, at = 5:00 hrs																
09.	Generation shortfall at evening peak due to :	:																
	a) Gas limitation	: 1511 MW																
	b) Coal supply Limitation	: 289 MW																
	c) Low water level in Kaptai lake	: 106 MW																
	d) Plants under shut down maintenance	: 1476 MW																
10.	Total Energy (Generation + India Import)	: 259.19 MKWh																
	By Gas =	157.213 MKWh	By Oil =	65.000 MKWh														
	By Coal =	14.390 MKWh	By Hydro =	2.562 MKWh														
	By Solar =	0.697 MKWh																
11.	Total Gas Supplied	: 1163.53 MMCFD																
			Zone		Demand		Supply		Load Shed		Zone Demand and Load-shed at Evening Peak (Sub-station end) :							
					MW		MW		MW		Demand		Supply		Load Shed			
											MW		MW		MW			
					Dhaka		4257		4257		Mymensingh		963		963		0	
					Chattogram		1237		1237		Sylhet		496		496		0	
					Khulna		1546		1546		Barishal		367		367		0	
					Rajshahi		1261		1261		Rangpur		802		802		0	
					Cumilla		1183		1183									
											Total		12112		12112		0	
					13.		Fuel cost :		a) Gas = 161101639 Taka		c) Coal = 67111205 Taka							
									b) Oil = 450634048 Taka		Total = 678846892 Taka							
					14.		Maximum Temperature in Dhaka was :		33.3° C									
					15.		Export through East-West interconnections :		At evening peak-hour		-316 MW, at 21:00 hrs							
									Maximum		-370 MW, at 3:00 hrs							
									Energy		: 2.684 MKWh							
(D) Forecast of 22.08.21 (Today) Sunday :																		
01.	Maximum Demand	: 13200 MW (Generation end)																
02.	Maximum Generation	: 15255 MW (Generation end)																
03.	Maximum Shortage	: -2055 MW (Generation end)																
04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)																
05.	Total Generation	: 269.69 MKWh																
06.	Probable Max. Temperature in Dhaka	: 33.7° C																

#Remarks: Highest Generation 13792 MW on 27-04-2021 at 20:00

(Fazul Islam Shaker)
Deputy Secretary, Generation