

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.07.21 (Yesterday)		29.07.21 (Today)		28.07.21 (Yesterday) Gen. shortfall for : Gas/water/Coal limitation MW	Machines shut down (MW)	Status of Machines under shut-down Maintenance		
					Actual Peak Generation (MW)		Probable Peak Generation (MW)				Description/ Remarks	Probable start-up date	
					Day	Evening	Day	Evening					
87	Fenchugoni CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	42	43	43	44		27	Under maint.	
88	Fenchugoni CAPP Phase-2	Gas (PDB)	2x25+1x35	104	90	42	43	43	43		47	Under maint.	
89	Fenchugoni 51 MW PP (Barakatullah)	Gas (RPP)	19x2.90	51	51	11	50	51	51				
90	Kushara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	0	0	0	0		163	Under maint.	
91	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
92	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	61	61	60	60				
93	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+1x110	330	330	180	274	275	275				
94	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	10	81	84	84				
95	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	140	140	150	150				
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	Shahjahanula 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	16	19	19				
99	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	0	0	0	0				
100	Bitiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	367	402	400	400				
101	Bitiyana South 383 MW CCPP	Gas (PDB)	1x252+1x131	383	383	264	269	260	260				
102	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	0	0	0	0				
Sylhet Zone Total					2422	2377	1171	1418	1424	1425	0	237	
103	Bheramara GTTP Unit- 3	HSD (PDB)	1 x 20	20	15	0	0	0	0				
104	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278-1 x 132	410	410	376	360	0	0				
105	Fatidpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	20				
106	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	60				
107	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	225	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	0	105	105	105				
110	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100				
** Bheramara (HVDC) India					1000	1000	795	781	699	699			
Khulna Zone Total					2133	2129	1171	1346	1179	1309	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	22	30	33	33				
113	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	60	66	66	66		128	Under maint.	
114	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	14	12	80	82				
115	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	290	480	622	622				
116	Potakhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	0	90	90				
117	Bhola 220MW CCPP (Nutan Bidyut B)	Gas/HSD (IPP)	2x75+1x70	220	220	134	201	220	220				
Barishal Zone Total					2046	2046	520	789	1221	1223	0	128	
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	70	70	70	70		30	Gas Shortage	
119	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	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	0	20	20				
122	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	35	35				
123	Chapanawabganj 100 MW Peaking PI	HFO (PDB)	12x8.924	104	104	0	47	95	95				
124	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	22	30	30				
125	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	0	0				
126	Santalar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	35	0	34				
127	Siraigoni 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	95	142	100	144			STG S/D	
128	Siraigoni 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	191	188	200	200				
129	Siraigoni 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	202	202	200	200				
130	Siraigoni 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	379	385	400	400				
131	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	18	22	22	22				
132	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	9	11	11	11				
133	Natore 52 MW PP (Rajjanka)	HFO (IPP)	6x8.92	52	52	8	8	52	52				
134	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	25	45	95	95				
135	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	23	39	90	90				
136	Siraigoni 6.55 MW Solar	Solar (NWPGL)	1x6	6	6	2	0	6	0				
Rajshahi Zone Total					2179	2179	1022	1266	1676	1748	101	0	
137	a) Barapukura TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	85			Coal Shortage	
	b) Barapukura TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	85			Coal Shortage	
138	Barapukura 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	153	153	150	150		121	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	0	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 Power)	Solar (IPP)	1 x 8	8	8	6	0	8	0				
Rangpur Zone Total					685	605	159	266	271	283	291	0	
Sub-total: Plants in operation					21694	21280	8068.0	10400	13962	14733	1258	1635	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							7711	9940	13344	14081			
(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(IECL)	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				
Gross Total					22031	21280	8068	10400	13962	14733	1258	1635	
(C) Actual data of 28.07.21 (Yesterday) Wednesday :													
01.	Max. Demand at eve. peak (Generation end)	: 10400.00	MW, at = 21:00 hrs										
02.	Max. Demand at eve. peak (Sub-station end)	: 9940.00	MW, at = 21:00 hrs										
03.	Highest Generation (Generation end)	: 10487.00	MW, at = 22:00 hrs										
04.	Minimum Generation (Generation end)	: 7385.00	MW, at = 7:00 hrs	Dhaka	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW		
05.	Day-peak Generation (Generation end)	: 8068.00	MW, at = 12:00 hrs	Chattogram	2831	2831	0	Mymensingh	1000	1000	0		
06.	Evening-peak Generation (Generation end)	: 10400.00	MW, at = 21:00 hrs	Khulna	869	869	0	Sylhet	489	489	0		
07.	Evening Peak Load-shed (Sub-station end)	: 0.00	MW, at = 21:00 hrs	Rajshahi	1362	1362	0	Barishal	252	252	0		
08.	Minimum Generation Forecast up to 8:00 hrs.	: 6927.00	MW, at = 5:00 hrs	Cumilla	1273	1273	0	Rangpur	794	794	0		
09.	Generation shortfall at evening peak due to :	:											
	a) Gas limitation	: 856	MW	13.	Fuel cost :	(a) Gas = 160513154	Taka	(c) Coal = 57806072	Taka				
	b) Coal supply Limitation	: 291	MW			(b) Oil = 174276695	Taka	Total = 392595922	Taka				
	c) Plants under shut down maintenance	: 1635	MW										
10.	Total Energy (Generation + India Import)	: 212.07	MKWh	14.	Maximum Temperature in Dhaka was :			31.0° C					
	By Gas = 146.399	MKWh	By Oil = 28.672	MKWh	15.	Export through East-West interconnections :							
	By Coal = 12.278	MKWh	By Hydro = 2.594	MKWh		At evening peak-hour			-140	MW, at 21:00 hrs			
	By Solar= 0.594	MKWh				Maximum			-216	MW, at 24:00			
11.	Total Gas Supplied	: 1231.58	MMCFD			Energy			0.9695	MKWh			
(D) Forecast of 29.07.21 (Today) Thursday :													
01.	Maximum Demand	: 10000	MW (Generation end)	04.	Maximum Load-shed	: 0	MW	At evening peak (Sub-station end)					
02.	Maximum Generation	: 14733	MW (Generation end)	05.	Total Generation	: 202.23	MKWh						
03.	Maximum Shortage	: -4733	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	: 34.2° C							

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

(Fazul Islam Shaker)
Deputy Secretary, Generation