

Office of the Member, Generation
Tel : 9564667, 9551095

Page 1 of 2

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	20.07.21 (Yesterday)		21.07.21 (Today)		20.07.21 (Yesterday)		Status of Machines under shut-down/ Maintenance		
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :				
						Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date	
87	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	43	44	43	43		26	Under maint.		
88	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	22	42	42	42		48	Under maint.		
89	Fenchugonj 51 MW PP (Barakatlullah)	Gas (RPP)	19x2.90	51	51	19	53	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	8	11	11	11					
92	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	40	61	62	63					
93	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+1x110	330	330	159	162	163	163					
94	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	10	84	84	84					
95	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	218	219	225	225					
96	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	18	18	18	18					
97	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10					
98	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	16	16	16					
99	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	290	341	341					
100	Bibiyana-II 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	365	365	400	400					
101	Bibiyana South 383 MW CCPP	Gas (PDB)	1x252+1x131	383	383	398	394	400	400					
102	Shahjibazar 100 MW GTTP	Gas (PDB)	1x100	100	100	0	0	0	0					
Sylhet Zone Total						2422	2377	1626	1769	1866	1867	0	237	
103	Bheramara GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0					
104	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	340	350	350	350					
105	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	20	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	0	160					
108	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	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	805	806	827	822					
Khulna Zone Total						2133	2129	1145	1381	1232	1717	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	23	34	33	33					
113	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	0	0	0	0		194	Under maint.		
114	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	12	76	76	76					
115	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	360	370	622	622					
116	Potakhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	126	110	110					
117	Bhola 220MW CCPP (Nutan Bidyut BC)	Gas/HSD (IPP)	2x75+1x70	220	220	221	220	220	220					
Barishal Zone Total						2046	2046	616	828	1171	1171	0	194	
118	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	30	70	70		70	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	5	20	20					
122	Amnura 50 MW PP(Sintha)	HFO (QRPP)	7x7.79	50	50	0	0	0	0					
123	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	0	92	95	95					
124	Katakhali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	35	31	31					
125	Katakhali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	0	0					
126	Santhar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	28	0	30					
127	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0		150	Gas Shortage, STG S/D		
128	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	183	155	200	200					
129	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	183	180	200	200					
130	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	404	347	400	400					
131	Bogra 22 MW PP (SBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22					
132	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11					
133	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	30	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	0	35	94	94					
136	Sirajgonj 6.55 MW Solar	Solar (NWPGL)	1x6	6	6	1	0	6	0					
Rajshahi Zone Total						2179	2179	828	1155	1564	1588	291	0	
137	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	74	73	74	74		12	Coal Shortage		
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Coal Shortage		
138	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	150	150	150		124	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	0	113	113	113					
141	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	10					
142	Majpara, Tabula 8 MW Solar PP (Sympa Power)	Solar (IPP)	1 x 8	8	8	5	0	8	0					
Rangpur Zone Total						685	605	229	336	345	357	221	0	
Sub-total: Plants in operation						21694	21280	8011.0	10960	13814	14844	1697	2066	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss								7610	10411	13122	14100			
(B) Plants under long term maintenance/ contract expired														
143	Madaganj 102 PP(Summit)	HFO (QRPP)	6x17	102	0	0	0	0	0					
144	Bogura 20 MW PP (Energysprima)	Gas (RPP)	5x3.3+5x2.0	20	0	0	0	0	0				Contract Expired on 12/11/2020	
145	Meghnaghat 100 MW(IEI)	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	8011	10960	13814	14844	1697	2066	
(C) Actual data of 20.07.21 (Yesterday) Tuesday :														
01.	Max. Demand at eve. peak (Generation end)	:		10960.00	MW, at =	21:00 hrs	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand at eve. peak (Sub-station end)	:		10411.00	MW, at =	21:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:		11271.00	MW, at =	1:00 hrs	Dhaka	2949	2949	0	Mymensingh	1002	1002	0
04.	Minimum Generation (Generation end)	:		7624.00	MW, at =	9:00 hrs	Chattogram	1020	1020	0	Sylhet	491	491	0
05.	Day-peak Generation (Generation end)	:		8011.00	MW, at =	12:00 hrs	Khulna	1440	1440	0	Barishal	376	376	0
06.	Evening-peak Generation (Generation end)	:		10960.00	MW, at =	21:00 hrs	Rajshahi	1154	1154	0	Rangpur	802	802	0
07.	Evening Peak Load-shed (Sub-station end)	:		0.00	MW, at =	21:00 hrs	Cumilla	1177	1177	0				
08.	Minimum Generation Forecast up to 8.00 hrs.	:		7441.00	MW, at =	5:00 hrs					Total	10411	10411	0
09.	Generation shortfall at evening peak due to :	:					13.	Fuel cost :	(a) Gas = 152563143 Taka (c) Coal = 69142645 Taka (b) Oil = 268647796 Taka Total = 490353584 Taka					
	a) Gas limitation	:		1368	MW		14.	Maximum Temperature in Dhaka was :	32.6° C					
	d) Coal supply Limitation	:		221	MW		15.	Export through East-West interconnections :	At evening peak-hour : -336 MW, at 21:00 hrs Maximum : -472 MW, at 1:00 hrs Energy : 3.6125 MKWh					
	b) Low water level in Kaptai lake	:		108	MW									
	c) Plants under shut down/ maintenance	:		2066	MW									
10.	Total Energy (Generation + India Import)	:		225.75	MKWh									
	By Gas = 144.929 MKWh				By Oil =	40.782 MKWh								
	By Coal = 14.230 MKWh				By Hydro =	2.832 MKWh								
	By Solar= 0.445 MKWh													
11.	Total Gas Supplied	:		1113.43	MMCFD									
(D) Forecast of 21.07.21 (Today) Wednesday :														
01.	Maximum Demand	:		11500	MW	(Generation end)	04.	Maximum Load-shed	:		0	MW	At evening peak (Sub-station end)	
02.	Maximum Generation	:		14844	MW	(Generation end)	05.	Total Generation	:		230.34	MKWh		
03.	Maximum Shortage	:		-3344	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:		33.4° C			

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

(Fazul Islam Shaker)
Deputy Secretary, Generation