

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.01.21 (Yesterday)		02.01.22 (Today)		01.01.21 (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)			
84	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	43	42	42	42		28	GT 1 Under maint.		
85	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	0	0	0	0		90	Under maint.		
86	Fenchugonj 51 MW PP (Barakatullah)	Gas (RPP)	19x2.90	51	51	53	53	51	51					
87	Kushara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	110	163	163	163					
88	Hobgani 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	8	8	11	11					
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	68	71	66	66					
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+1x110	330	330	0	0	0	0		330	Under maint.		
91	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	78	81	80	83					
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	190	190	200	200					
93	Sylhet 20 MW GTPP	Gas (PDB)	1x20	20	20	18	18	18	18					
94	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10					
95	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	20	24	24	24					
96	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	0	10	0	0		331	Under maint.		
97	Bibiana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0					
98	Bibiana South 383 MW CCPP	Gas (PDB)	1x252+1x131	383	383	341	400	400	400					
99	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	0	0	0	0					
Sylhet Zone Total						2422	2377	939	1070	1065	1068	0	779	
100	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0					
101	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	0	0	0	0		410	Gas Shortage		
102	Fandpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	4	0	30					
103	Gopalgarj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	7	0	0	40					
104	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	220					
105	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	50	100					
106	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	35	105	105	105					
107	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	0	100					
	Mongla Orion 100 MW Solar PP	Solar (IPP)				72	0	10	0					
**	Bheramara (HVDC)	India		1000	1000	672	719	685	733					
Khulna Zone Total						2133	2129	786	828	850	1328	410	0	
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	0	110	110					
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	15	23	24	24					
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	67	65	65	65		129	Under maint.		
111	Bhola 95 MW PP (Agreko)	Gas (QRPP)	1,1x96	95	95	11	11	11	11					
112	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	280	420	620	620			Line Overload		
113	Potukhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	0	0	150					
114	Bhola 220MW CCPP (Nutan Bidyut BL)	Gas/HSD (IPP)	2x75+1x70	220	220	190	220	200	220					
Barisal Zone Total						2046	2046	563	739	1030	1200	0	953	
115	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	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		
116	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50	50	50					
117	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200					
118	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	6	30	30					
119	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	25	25					
120	Chapainawabganj 100 MW Peaking PI	HFO (PDB)	12x8.924	104	104	0	100	90	100					
121	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	32	32	32					
122	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	50	50	50					
123	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	35	0	35					
124	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0		210	Gas Shortage		
125	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0		220	Gas Shortage		
126	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	179	196	200	200					
127	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	340	314	400	400					
128	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	18	22	22					
129	Ullaspara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	8	11	11					
130	Natore 52 MW PP (Rajtanika)	HFO (IPP)	6x8.92	52	52	25	52	52	52					
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	35	113	113	113					
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	35	110	113	113					
133	Sirajgonj 5.55 MW Solar	Solar (NWPGL)	1x6	6	6	5	0	6	0					
Rajshahi Zone Total						2179	2179	649	1084	1394	1433	601	0	
134	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Coal shortage		
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling		
135	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	199	199	200	200		75	Coal shortage		
136	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0			Condenser mode		
137	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	70	112	113	113					
138	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0			Condenser mode		
139	Majpara, Tatala 8 MW Solar PP (Sympa Powe)	Solar (IPP)	1 x 8	8	8	3	0	8	0					
	Energypac Power Ventures Thakurgaon Ltd.	HFO (IPP)				7	0	0	0					
Rangpur Zone Total						685	605	279	311	321	313	160	85	
Sub-total: Plants in operation						21435	20934	7339.0	8985	11165	12070	4304	3068	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7069	8654	10753	11645					
(B) Plants under long term maintenance/ contract expired														
140	Katpali 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	0	0	0	0	20				Running for test purpose	
141	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	0	0	0	0	0					
142	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	0	0	0	0	0				Contract Expired	
143	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	0	0	0	0	0					
144	Bogra 20 MW PP (Energypima)	Gas (RPP)	5x3.3+5x2.0	20	0	0	0	0	0				Contract Expired on 12/11/2020	
145	Meghnaghat 100 MW(EL)	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						596	0	0	0	20				
Gross Total						22031	20934	7339	8985	11165	12090	4304	3068	
(C) Actual data of 01.01.21 (Yesterday) Saturday :														
01.	Max. Demand at eve. peak (Generation end)	: 8985.00 MW, at = 19:00 hrs			Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
02.	Max. Demand at eve. peak (Sub-station end)	: 8654.00 MW, at = 19:00 hrs			Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW		
03.	Highest Generation (Generation end)	: 8985.00 MW, at = 19:00 hrs			Dhaka	3061	3061	0	Mymensingh	723	723	0		
04.	Minimum Generation (Generation end)	: 5492.00 MW, at = 4:00 hrs			Chattogram	985	985	0	Sylhet	341	341	0		
05.	Day-peak Generation (Generation end)	: 7339.00 MW, at = 12:00 hrs			Khulna	1061	1061	0	Barisal	234	234	0		
06.	Evening-peak Generation (Generation end)	: 8985.00 MW, at = 19:00 hrs			Rajshahi	888	888	0	Rangpur	613	613	0		
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:00 hrs			Cumilla	748	748	0						
08.	Minimum Generation Forecast up to 8:00 hrs.	: 5745.00 MW, at = 5:00 hrs												
09.	Generation shortfall at evening peak due to :	:												
	a) Gas limitation	: 4000 MW												
	d) Coal supply Limitation	: 160 MW												
	b) Low water level in Kaplai lake	: 144 MW												
	c) Plants under shut down/ maintenance	: 3068 MW												
10.	Total Energy (Generation + India Import)	: 174.58 MKWh												
	By Gas =	94.394 MKWh	By Oil =	47.549 MKWh										
	By Coal =	14.004 MKWh	By Hydro =	2.001 MKWh										
	By Solar =	1.004 MKWh												
11.	Total Gas Supplied	: 762.54 MMCFD												
(D) Forecast of 02.01.22 (Today) Sunday :														
01.	Maximum Demand	: 9600 MW (Generation end)			04.	Maximum Load-shed	: 0 MW			At evening peak (Sub-station end)				
02.	Maximum Generation	: 12090 MW (Generation end)			05.	Total Generation	: 186.53 MKWh							
03.	Maximum Shortage	: -2490 MW (Generation end)			06.	Probable Max. Temperature in Dhaka	: 25.5° C							

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

(Faouzl Islam Shaker)
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