

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	23.01.20 (Yesterday)		24.01.20 (Today)		23.01.20 (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)				
81	Fenchugonj CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	32	73	54	54					
82	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	66	66	66	66					
83	Fenchugonj 51 MW PP (Barakattul)	Gas (RPP)	19x2.90	51	51	47	53	51	51					
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	44	44					
85	Kushlaha 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	130	163	163					
86	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11					
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	65	67	66	66					
88	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	153	155	160	160					
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	75	75	76	76					
90	Sylhet 150 MW CAPP	Gas (PDB)	1x142	142	142	150	68	100	100			on test		
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	17	17	17	17					
92	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0					
93	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10					
94	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	24	24	24					
95	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	320	320	341	341					
96	Bibiyan-II 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	145	145	230	230					
Sylhet Zone Total					1944	1899	1325	1264	1413	1413	0	0		
97	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	40					
98	Bheramara 410 MW CAPP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	0	0	0	0		410	Under Maint.	30.01.2020	
99	Fairdipur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	36					
100	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	30	70					
101	Khulna 225 MW CAPP	HSD (NWP/GCL)	1 x 150+1x75	230	230	0	0	0	230					
102	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	56	115	115	115					
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	0	80	100					
104	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	33	33	33					
105	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	0	50	105					
106	Madhumati 100 MW PP	HFO (NWP/GCL)	6x18.415	105	105	0	85	50	105					
**	Bheramara (HVDC)	India		1000	1000	306	646	135	460					
Khulna Zone Total					2328	2314	362	879	493	1294	0	410		
107	Barisal GT PP Unit-1&2	HSD (PDB)	2 x 20	40	30	0	0	0	30					
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	16	110	70	110					
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	12	21	20	20					
110	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	70	70	100	100					
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	34	34	95	95					
Barisal Zone Total					472	462	132	235	285	355	0	0		
112	a) Baghabani 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	0		71	Gas Shortage		
112	b) Baghabani 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0		100	Gas Shortage		
113	Baghabani 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50					
114	Baghabani 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200					
115	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	45					
116	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	12	40	50	50					
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	0	80	100					
118	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	40	40					
119	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	40	40					
120	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	38					
121	Sirajgonj 225MW CAPP Unit-1	Gas (NWP/GCL)	1x150+1x75	210	210	180	179	210	210					
122	Sirajgonj 225MW CAPP Unit-2	Gas (NWP/GCL)	1x150 + 1x75	220	220	0	0	0	0					
123	Sirajgonj 225MW CAPP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	193	150	220	220					
124	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	432	367	410	430					
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	2	2	22	22					
126	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	3	3	10	10					
127	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11					
128	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	52	52					
129	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	36	109	113	113					
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	0	0	113					
Rajshahi Zone Total					2193	2183	889	881	1458	1744	171	0		
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	120	122	125	125					
131	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Shutdown for Low Demand		
132	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	280	220	200	275					
133	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17					
134	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	0	107	113	113					
135	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17					
136	Majpara, Tatala 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	4.8	0	8	0					
Rangpur Zone Total					685	605	405	449	446	547	0	85		
Sub-total: Plants in operation					19580	19057	7266.0	8895	10836	14085	1773	495		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss														
					6858	8177	10227	13293						
(B) Contract expired power plants														
137	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0			Contract expired		
Sub-Total: Plants under long term maintenance					50	50	0	0	0	0				
Gross Total					19630	19107	7266.0	8895	10836	14085	1773	495		
(C) Actual data of 23.01.20 (Yesterday) Thursday :														
01.	Max. Demand (Generation end)	:	8895.00	MW,	at =	19:30 hrs P	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	8177.00	MW,	at =	19:30 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8895.00	MW,	at =	19:30 hrs P	Dhaka	2950	2950	0	Mymensingh	733	733	0
04.	Minimum Generation (Generation end)	:	5486.00	MW,	at =	4:00 hrs	Chattogram	885	885	0	Sylhet	321	321	0
05.	Day-peak Generation (Generation end)	:	7266.00	MW,	at =	12:00 hrs	Khulna	1053	1053	0	Barishal	233	233	0
06.	Evening-peak Generation (Generation end)	:	8895.00	MW,	at =	19:30 hrs P	Rajshahi	1053	1053	0	Rangpur	233	233	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:30 hrs P	Cumilla	716	716	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	5530.00	MW,	at =	5:00 hrs am								
09.	Generation shortfall at evening peak due to :	:												
a)	Gas limitation	:	1580	MW			13.	Fuel cost :		(a) Gas = 127194505 Taka	(c) Coal = 44469571 Taka			
d)	Coal supply Limitation	:	0	MW				(b) Oil = 174430195 Taka		Total = 171664077 Taka				
b)	Low water level in Kaptai lake	:	193	MW										
c)	Plants under shut down/ maintenance	:	495	MW			14.	Maximum Temperature in Dhaka was :		23.6° C				
10.	Total Energy (Generation + India Import)	:	173.38	MKWh			15.	Export through East-West interconnections :						
	By Gas = 133.853 MKWh			By Oil = 19.344 MKWh				At evening peak-hour		-523 MW, at 19:30 hrs PM				
	By Coal = 9.267 MKWh			By Hydro = 0.846 MKWh				Maximum		-638 MW, at 19:00 hrs				
	By Solar = 0.170 MKWh							Energy		7.255 MKWh				
11.	Total Gas Supplied	:	1061.49	MMCFD										
(D) Forecast of 24.01.20 (Today) Friday :														
01.	Maximum Demand	:	8200	MW	(Generation end)		04.	Maximum Load-shed		0 MW		At evening peak (Sub-station end)		
02.	Maximum Generation	:	14085	MW	(Generation end)		05.	Total Generation		159.83 MKWh				
03.	Maximum Shortage	:	-5885	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka :		23.4° C				

* Captive Power ** Imported Power

#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00

(Fazul Islam Shaker)
Deputy Secretary, Generation