

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.12.20 (Yesterday)		14.12.20 (Today)		13.12.20 (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)		
85	Fenchugonj CAPP Phase-1	Gas (PDB)	2x32-1x33	97	70	20	20	20	20			
86	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35-1x35	104	90	20	22	22	22			
87	Fenchugonj 51 MW PP (Barakattuli)	Gas (RPP)	19x2.90	51	51	50	53	51	51			
88	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3-5x2.0	44	44	49	50	44	44			
89	Kushiera 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	163	163	163			
90	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	5	11	11	11			
91	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	20	20	36	36			
92	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	122	156	156	156	174		Gas Shortage
93	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	80	79	86	86			
94	Sylhet 225 MW CAPP	Gas (PDB)	1x142+1x89	231	231	95	130	150	150			
95	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	18	20	20			
96	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0			
97	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	0	0	0	0			
98	Shahjahanulla 25 MW PP	Gas (GIPP, REB)	3x9.34	25	25	15	16	16	16			
99	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	0	0	0	0			
100	Bibiyana-III 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	303	238	400	400			
	Bibiyana South 400 MW	Gas (PDB)				0	20	20	20			
	Sylhet Zone Total		2033	1988	909	996	1195	1195	174	0		
101	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16			
102	Bheramara 410 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	180	180	410	410			
103	Fariapur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	25	25			
104	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	65	65			
105	Khulna 225 MW CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	220			
106	Khulna 115 PP MW (KCL-2)	HFO (QRPP)	7x17	115	115	0	16	115	115			
107	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	0	100			
108	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	24	40	40			
109	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	90	90	105	105			
110	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100			
**	Bheramara (HVDC)	India		1000	1000	536	774	549	790			
	Khulna Zone Total		2288	2284	806	1084	1409	1986	0	0		
111	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	64	110	110			
112	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	20	27	26	26			
113	Bhola 225 MW CAPP	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	13	13	95	95			
115	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	380	510	600	660			
	Bhola Nutan Biddut BD LTD	Gas/HSD (IPP)				5	33	36	33			
	United Payra Power Ltd.	HFO (IPP)				0	0	0	0			
	Barishal Zone Total		1054	1054	418	647	867	924	0	194		
116	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
117	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50			
118	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200			
119	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	40			
120	Ammura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	12	34	34			
121	Chapanawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	42	94	100	100			
122	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	1	0	50	50			
123	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50			
124	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	33			
125	Sirajgonj 225MW CAPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage
126	Sirajgonj 225MW CAPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0		220	Under maint.
127	Sirajgonj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	152	155	225	225			
128	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	360	420	400	400			
129	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22			
130	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3-5x2.0	20	10	0	0	0	0			
131	Lilapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	8	11	11	11			
132	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	52	52			
133	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	0	113	113			
134	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	111	111	113	113			
	Rajshahi Zone Total		2193	2183	696	825	1370	1493	381	220		
135	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	78	76	0	0			
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage
136	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	0	0	0	0	274		Under maint.
137	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0			
138	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	0	113	113	113			
139	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0			
140	Majpara Tatalia 8 MW Solar PP (Sympe Pt)	Solar (IPP)	1 x 8	8	8	4	0	8	0			
	Rangpur Zone Total		665	605	82	189	121	113	85	274		
	Sub-total: Plants in operation		20595	20104	7111.0	8699	11976	13483	2567	2466		
	Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss				6728	8230	11330	12756				
	(B) Contract expired power plants											
	Sub-Total: Plants under long term maintenance		0	0	0	0	0	0	0			
	Gross Total		20595	20104	7111	8699	11976	13483	2567	2466		
	(C) Actual data of 13.12.20 (Yesterday) Sunday :											
01.	Max. Demand (Generation end)	:	8699.00	MW, at = 19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	8230.00	MW, at = 19:30 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	8699.00	MW, at = 19:30 hrs	Dhaka	2968	2968	0	Mymensingh	624	624	0
04.	Minimum Generation (Generation end)	:	5400.00	MW, at = 5:00 hrs	Chattogram	866	866	0	Sylhet	311	311	0
05.	Day-peak Generation (Generation end)	:	7111.00	MW, at = 12:00 hrs	Khulna	1037	1037	0	Barishal	235	235	0
06.	Evening-peak Generation (Generation end)	:	8699.00	MW, at = 19:30 hrs	Rajshahi	857	857	0	Rangpur	573	573	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:30 hrs	Cumilla	759	759	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	5589.00	MW, at = 7:00 hrs					Total	8230	8230	0
09.	Generation shortfall at evening peak due to :	:			13.	Fuel cost :			(a) Gas =	121586941 Taka	(c) Coal =	59721306 Taka
	a) Gas limitation	:	2298	MW					(b) Oil =	277813158 Taka	Total =	459121405 Taka
	d) Coal supply Limitation	:	85	MW								
	b) Low water level in Kaptai lake	:	184	MW								
	c) Plants under shut down/ maintenance	:	2466	MW								
10.	Total Energy (Generation + India Import)	:	169.23	MW	14.	Maximum Temperature in Dhaka was : 25.7° C						
	By Gas =	106.039	MKWh	34.974	15.	Export through East-West interconnections :						
	By Coal =	12.933	MKWh	1.104		At evening peak-hour		:	-92	MW, at	19:30	hrs
	By Solar=	0.252	MKWh			Maximum		:	-214	MW, at	18:00	hrs
11.	Total Gas Supplied	:	868.42	MMCFD		Energy		:	0.7805	MKWh		
	(D) Forecast of 14.12.20 (Today) Monday :											
01.	Maximum Demand	:	9100	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	13463	MW (Generation end)	05.	Total Generation : 177.03 MKWh						
03.	Maximum Shortage	:	-4383	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 27.1° C						

* Captive Power ** Imported Power

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

(Fazoul Islam Shaker)
Deputy Secretary, Generation