



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
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Table with columns: Month August, 2020; Day: Friday; Date: 07.08.20. Sub-headers include Probable Maximum Demand (10800 MW), Water Level of Kaptai Lake at 06:00 AM, and various power station details like Name, Capacity, Generation, and Status. Rows are categorized by zones: Dhaka Zone, Chattogram Zone, and Cumilla Zone.

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Deraled/ Present Capacity (MW)	06.08.20 (Yesterday)		07.08.20 (Today)		06.08.20 (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)			
83	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	40	72	80	80				
84	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30				
85	Fenchugonj 51 MW PP (Barakatal)	Gas (RPP)	19x2.90	51	51	47	53	51	51	60		GT-4 Under maint.	
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	44	48	44	44				
87	Kushlari 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
88	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
89	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	28	28	61	66				
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	206	206	210	210				
91	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	81	87	86	86				
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	0	0	0	0				
93	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	18	18	18	18				
94	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0				
95	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
96	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	24	25	25				
97	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	290	341	341				
98	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0	400		Under maint.	
	Bibiyana South 400 MW	Gas (PDB)				0	0	0	0				
Sylhet Zone Total				2033	1988	1002	1040	1130	1135	0	460		
99	Bheramara GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16				
100	Bheramara 410 MW CCPP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	340	370	360	410				
101	Fariapur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	30				
102	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	60				
103	Khulna 225 MW CCPP	HSD (NWP/GCL)	1 x 150+1x75	230	230	120	150	130	225				
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	115	115	115				
105	Noapara 100 MW PP (Bangla Trac	HSD (IPP)	70x1.4+7x1.515	100	100	0	50	60	100				
106	Noapara 40 MW PP (Khanjahan Al	HFO (QRPP)	5x8.5	40	40	0	40	40	40				
107	Rupsha 105 MW PP (Orion rupsha	HFO (IPP)	6x18.445	105	105	0	35	105	105				
108	Madhumati 100 MW PP	HFO (NWP/GCL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	930	928	940	940				
Khulna Zone Total				2288	2284	1390	1688	1850	2141	0	0		
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	64	110	110				
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	19	37	33	33				
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	89	89	80	81	105		GT-2 Under maint.	
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	76	78	76	79				
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	447	522	600	600				
Barishal Zone Total				1054	1054	631	790	899	903	0	105		
114	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	0	0	0	100		Gas Shortage	
115	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50				
116	Baghabari 200 MW PP (Paramour)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	40				
118	Amnura 50 MW PP (Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	0	0				
119	Chapainawabganj 100 MW Peakin	HFO (PDB)	12x8.924	104	104	0	99	100	100				
120	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	44	0	45				
121	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50				
122	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	34	0	35				
123	Sirajgonj 225MW CCPP Unit-1	Gas (NWP/GCL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
124	Sirajgonj 225MW CCPP Unit-2	Gas (NWP/GCL)	1x150+1x75	220	220	190	182	180	220				
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	192	180	200	220				
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	396	407	414	414				
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	0	20	22	22				
128	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	4	11	10	10				
129	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8				
130	Natore 52 MW PP (Rajanka)	HFO (IPP)	6x8.92	52	52	0	52	52	52				
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	70	109	113	113				
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	70	113	113				
Rajshahi Zone Total				2193	2183	860	1216	1462	1692	381	0		
133	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		Coal Shortage	
134	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	149	150	150	150				
135	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
136	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	0	113	113	113				
137	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	10				
138	Majpara. Tatulia 8 MW Solar PP (Sympa	Solar (IPP)	1 x 8	8	8	6.8	0	8	0				
Rangpur Zone Total				685	605	156	263	271	273	170	0		
Sub-total: Plants in operation				20383	19892	8725.8	11137	13254	14409	1165	2257		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss							8426	10754	12798	13913			
(B) Contract expired power plants													
Sub-Total: Plants under long term maintenance							0	0	0	0			
Gross Total				20383	19892	8726	11137	13254	14409	1165	2257		
(C) Actual data of 06.08.20 (Yesterday) Thursday :													
01.	Max. Demand (Generation end)	:	11137.00	MW, at =	21:00 hrs P	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	10754.00	MW, at =	21:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	11200.00	MW, at =	22:00 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	8124.10	MW, at =	8:00 hrs	Dhaka	3173	3173	0	Mymensingh	996	996	0
05.	Day-peak Generation (Generation end)	:	8725.80	MW, at =	12:00 hrs	Chattogram	1133	1133	0	Sylhet	513	513	0
06.	Evening-peak Generation (Generation end)	:	11137.00	MW, at =	21:00 hrs	Khulna	1437	1437	0	Barishal	350	350	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	21:00 hrs P	Rajshahi	1205	1205	0	Rangpur	808	808	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	8038.59	MW, at =	7:00 hrs am	Cumilla	1139	1139	0				
09.	Generation shortfall at evening peak due to :	:								Total	10754	10754	0
a)	Gas limitation	:	907	MW		13.	Fuel cost :	(a) Gas = 159374762 Taka	(c) Coal = 75514880 Taka				
d)	Coal supply Limitation	:	170	MW				(b) Oil = 400864255 Taka	Total = 635753898 Taka				
b)	Low water level in Kaptai lake	:	88	MW									
c)	Plants under shut down/ maintenance	:	2257	MW									
10.	Total Energy (Generation + India Import)	:	231.16	MKWh		14.	Maximum Temperature in Dhaka was : 33.4° C						
	By Gas = 135.152 MKWh			By Oil = 51.846 MKWh		15.	Export through East-West interconnections :						
	By Coal = 16.339 MKWh			By Hydro = 2.582 MKWh			At evening peak-hour : -18 MW, at 21:00 hrs PM						
	By Solar = 0.121 MKWh						Maximum : -86 MW, at 20:00 hrs						
							Energy : 0.078 MKWh						
11.	Total Gas Supplied	:	1106.03	MMCFD									
(D) Forecast of 07.08.20 (Today) Friday :													
01.	Maximum Demand	:	10800	MW	(Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	14409	MW	(Generation end)	05.	Total Generation : 222.90 MKWh						
03.	Maximum Shortage	:	-3609	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 34° C						

* Captive Power ** Imported Power

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

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