



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
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Table with columns: Month (July, 2020), Day (Tuesday), Date (21.07.20), Probable Maximum Demand (11000 MW), Probable Maximum Generation (14832 MW), Water Level of Kaptai Lake at 06:00 AM, Sl. No., Name of Power Station, Nos. of Unit X Capacity (MW), Installed Capacity (MW), Derailed/ Present Capacity (MW), 21.07.20 (Today) Actual Peak Generation (MW), 21.07.20 (Yesterday) Probable Peak Generation (MW), 21.07.20 (Today) Gas/water/Coal limitation MW, 21.07.20 (Yesterday) Gen. shortfall for: Machines shut down (MW), Status of Machines under shut-down/ Maintenance, Description/ Remarks, Probable start-up date.

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	21.07.20 (Yesterday)		21.07.20 (Today)		21.07.20 (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 CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	89	90	90	90				
84	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	32	30	30				
85	Fenchugonj 51 MW PP (Barakatal)	Gas (RPP)	19x2.90	51	51	50	53	51	51				
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	46	46	44	44				
87	Kushara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	130	163	163				
88	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	8	11	11	11				
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	61	61	61	66				
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	161	161	163	163				
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	77	80	80	80				
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	0	150	151	151				
93	Sylhet 20 MW GTPP	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	9	10	10	10				
96	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	24	24	25				
97	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	315	341	341				
98	Bibiana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0			Under maint.	
	Bibiana South 400 MW	Gas (PDB)				0	0	0	0				
Sylhet Zone Total					2033	1988	1028	1181	1237	1243	0	458	
99	Bheramara GTPP Unit-3	HSD (PDB)	1 x 20	20	16	0	0	0	16				
100	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	405	365	410	410				
101	Fairdur 50 MW Peaking PP	HFO (PDB)	6x6.98	54	54	0	0	20	30				
102	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	48	60				
103	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	10	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	0	60	100				
106	Noapara 40 MW PP (Khanjahan Al	HFO (QRPP)	5x8.5	40	40	16	40	40	40				
107	Rupsha 105 MW PP (Orion rupsha	HFO (IPP)	6x18.445	105	105	0	0	105	105				
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	935	935	946	946				
Khulna Zone Total					2288	2284	1356	1455	1854	2147	0	0	
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	96	110	110				
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	26	40	33	33				
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	89	89	89	89			GT-2 Under maint.	
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1x1.96	95	95	77	78	78	79				
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	410	545	600	600				
Barishal Zone Total					1054	1054	602	848	910	911	0	105	
114	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	60	71		Gas Shortage	
	b) Baghabari 100 MW GTPP	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	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	43	45				
121	Katakali 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	0	0	35				
123	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
124	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	152	186	200	200				
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	165	182	210	210				
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	376	418	410	410				
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	21	22	22	22				
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	10	10	11	11				
129	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	8	11	11	11				
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	52	52				
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	0	70	113				
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	89	70	113				
Rajshahi Zone Total					2193	2183	732	1017	1449	1722	381	0	
133	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	85			Coal Shortage	
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	85			Coal Shortage	
134	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	149	150	150				
135	Rangpur 20 MW GTPP	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	110	90	113				
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	10	0	12				
138	Majpara, Tatalia 8 MW Solar PP (Sympa I	Solar (IPP)	1 x 8	8	8	0.4	0	8	0				
Rangpur Zone Total					685	605	150	269	248	275	170	0	
Sub-total: Plants in operation					20383	19892	9311.6	10787	13603	14832	1217	1820	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss													
Sub-Total: Plants under long term maintenance					0	0	0	0	0	0	0	0	
Gross Total					20383	19892	9312	10787	13603	14832	1217	1820	
(C) Actual data of 21.07.20 (Yesterday) Tuesday :													
01.	Max. Demand (Generation end)	: 10787.00 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)	: 10256.00 MW, at = 21:00 hrs P			Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed		
03.	Highest Generation (Generation end)	: 10787.00 MW, at = 21:00 hrs P			MW	MW	MW		MW	MW	MW		
04.	Minimum Generation (Generation end)	: 8114.90 MW, at = 8:00 hrs		Dhaka	3620	3620	0	Mymensingh	712	712	0		
05.	Day-peak Generation (Generation end)	: 9311.60 MW, at = 12:00 hrs		Chattogram	1086	1086	0	Sylhet	421	421	0		
06.	Evening-peak Generation (Generation end)	: 10787.00 MW, at = 21:00 hrs		Khulna	1307	1307	0	Barishal	326	326	0		
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 21:00 hrs		Rajshahi	1031	1031	0	Rangpur	710	710	0		
08.	Actual Minimum Generation up to 8:00 hrs.	: 8093.53 MW, at = 7:00 hrs am		Cumilla	1043	1043	0						
09.	Generation shortfall at evening peak due to :	:						Total	10256	10256	0		
	a) Gas limitation	: 963 MW		13.	Fuel cost :	(a) Gas = 159503364 Taka	(c) Coal = 74265523 Taka						
	d) coal supply Limitation	: 170 MW				(b) Oil = 355780423 Taka	Total = 589549310 Taka						
	b) Low water level in Kaptai lake	: 84 MW											
	c) Plants under shut down/ maintenance	: 1820 MW		14.	Maximum Temperature in Dhaka was :	30.3° C							
10.	Total Energy (Generation + India Import)	: 229.05 MKWh		15.	Export through East-West interconnections :								
	By Gas = 136.923 MKWh	By Oil = 47.047 MKWh			At evening peak-hour :	-10 MW, at 21:00 hrs PM							
	By Coal = 16.056 MKWh	By Hydro = 3.386 MKWh			Maximum :	-10 MW, at 21:00 hrs							
	By Solar= 0.079 MKWh				Energy :	0.0395 MKWh							
11.	Total Gas Supplied	: 1136.44 MMCFD											
(D) Forecast of 21.07.20 (Today) Tuesday :													
01.	Maximum Demand	: 11000 MW (Generation end)		04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	: 14832 MW (Generation end)		05.	Total Generation	: 234.31 MKWh							
03.	Maximum Shortage	: -3832 MW (Generation end)		06.	Probable Max. Temperature in Dhaka :	: 32.9° C							

*Captive Power ** Imported Power

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

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