



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551093

Table with columns: Month June, 2020; Day: Wednesday; Date: 03.06.20; Probable Maximum Demand: 11000 MW; Probable Maximum Generation: 14747 MW; Water Level of Kaptai Lake at 06:00 AM; (A) Plants in operation: List of power stations with columns for Name, Capacity, Generation (Day/Evening), Probable Peak Generation, and Status.

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	02.06.20 (Yesterday)		03.06.20 (Today)		02.06.20 (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)			
82	Fenchugonj CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	43	42	70	70				
83	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30	60	GT-4 Under maint.		
84	Fenchugonj 51 MW PP (Barakatlul)	Gas (RPP)	19x2.90	51	51	50	53	51	51				
85	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	44	44				
86	Kushlari 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
87	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
88	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	40	52	66	66				
89	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	245	243	245	245	87	ST under maint.		
90	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	72	75	80	80				
91	Sylhet 225 MW CAPP	Gas (PDB)	1x142+1x89	231	231	70	150	150	150				
92	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	18	18	20				
93	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0				
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	23	24	24	24				
96	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	295	325	341	341	16	Gas Shortage		
97	Bibiyana-III 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0	400	Under maint.		
Sylhet Zone Total					2033	1988	1120	1246	1303	1305	0	563	
98	Bheramara GTPP Unit-3	HSD (PDB)	1 x 20	20	16	0	0	0	45				
99	Bheramara 410 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	345	325	360	410				
100	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	25	0	37				
101	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	70				
102	Khulna 225 MW CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	225				
103	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	47	49	99	99				
104	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	0	100				
105	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	24	40	40	40				
106	Rupsha 105 MW PP (Orion rupsha)	Gas (IPP)	6x18.445	105	105	0	0	50	105				
107	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	32	50	100	105				
**	Bheramara (HVDC)	India		1000	1000	947	943	957	957				
Khulna Zone Total					2288	2284	1395	1432	1656	2193	0	0	
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	110	110	50	110				
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	19	33	30	33				
110	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	15	88	90	90	106	GT-2 Under maint.		
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	89	84	95	95				
112	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	0	0	0	0				
Barishal Zone Total					1054	1054	233	315	265	328	0	106	
113	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		
114	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	34				
115	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
116	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	70				
117	Amnura 50 MW PP (Sinha)	HFO (QRPP)	7x7.79	50	50	0	40	40	40				
118	Chapsainwabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	42	50	100				
119	Katakahi 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	46	46				
120	Katakahi 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	42	42				
121	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	34				
122	Sirajgonj 225MW CAPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	210		Gas Shortage		
123	Sirajgonj 225MW CAPP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	188	171	200	200	49	Gas Shortage		
124	Sirajgonj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	199	188	210	210	32	Gas Shortage		
125	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	390	400	410	410				
126	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	18	18	20	20				
127	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	9	9	10	10				
128	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
129	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	43	43				
130	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	35	90	50	113				
131	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6*18.55	113	113	0	0	50	113				
Rajshahi Zone Total					2193	2183	847	969	1382	1696	462	0	
132	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		
133	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	149	149	150	150				
134	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	20				
135	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2'3	113	113	0	113	50	113				
136	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	20				
137	Majpara, Talua 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	6	0	8	0				
Rangpur Zone Total					685	605	155	262	208	303	170	0	
Sub-total: Plants in operation					20279	19788	9165.1	10228	12258	14747	1436	1964	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							8827	9851	11806	14232			
(B) Contract expired power plants													
Sub-Total: Plants under long term maintenance					0	0	0	0	0	0			
Gross Total					20279	19788	9165	10228	12258	14747	1436	1964	
(C) Actual data of 02.06.20 (Yesterday) Tuesday :													
01.	Max. Demand (Generation end)	:	10228.00	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)	:	9851.00	MW, at = 21:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	10228.00	MW, at = 21:00 hrs	MW	MW	MW	MW	MW	MW	MW	MW	
04.	Minimum Generation (Generation end)	:	7635.70	MW, at = 6:00 hrs	Dhaka	3422	3422	0	Mymensingh	823	823	0	
05.	Day-peak Generation (Generation end)	:	9165.10	MW, at = 12:00 hrs	Chattogram	883	883	0	Sylhet	434	434	0	
06.	Evening-peak Generation (Generation end)	:	10228.00	MW, at = 21:00 hrs	Khulna	1107	1107	0	Barishal	245	245	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs P	Rajshahi	1161	1161	0	Rangpur	707	707	0	
08.	Actual Minimum Generation up to 8:00 hrs.	:	7917.20	MW, at = 5:00 hrs am	Cumilla	1069	1069	0					
09.	Generation shortfall at evening peak due to :	:							Total	9851	9851	0	
a)	Gas limitation	:	1074	MW	13.	Fuel cost : (a) Gas = 167411762 Taka (c) Coal = 19818230 Taka							
d)	Coal supply Limitation	:	170	MW		(b) Oil = 313318491 Taka Total = 500548483 Taka							
b)	Low water level in Kaptai lake	:	192	MW									
c)	Plants under shut down/ maintenance	:	1964	MW	14.	Maximum Temperature in Dhaka was : 35.3° C							
10.	Total Energy (Generation + India Import)	:	218.89	MKWh	15.	Export through East-West interconnections :							
	By Gas = 143.523 MKWh			By Oil = 44.576 MKWh		At evening peak-hour : -354 MW, at 21:00 hrs PM							
	By Coal = 3.657 MKWh			By Hydro = 0.840 MKWh		Maximum : -405 MW, at 19:30 hrs							
	By Solar= 0.156 MKWh					Energy : 1.5095 MKWh							
11.	Total Gas Supplied	:	1199.53	MMCFD	06.	Probable Max. Temperature in Dhaka : 35.8° C							
(D) Forecast of 03.06.20 (Today) Wednesday :													
01.	Maximum Demand	:	11000	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	14747	MW (Generation end)	05.	Total Generation : 235.41 MKWh							
03.	Maximum Shortage	:	-3747	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 35.8° C							

* Captive Power ** Imported Power
#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00

(Faouzul Islam Shaker)
Deputy Secretary, Generation