

Bangladesh Power Development Board  
DAILY ELECTRICITY GENERATION REPORT

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Table with 12 main columns: Sl. No., Name of Power Station, Nos. of Unit X Capacity (MW), Installed Capacity (MW), Derated/ Present Capacity (MW), 11.02.21 (Yesterday) Actual Peak Generation (MW), 12.02.21 (Today) Probable Peak Generation (MW), 11.02.21 (Yesterday) Gen. shortfall for : Gas/water/Coal limitation MW, 12.02.21 (Today) Gen. shortfall for : Gas/water/Coal limitation MW, Status of Machines under shut-down/ Maintenance, Probable start-up date. Includes sections for Plants in operation, Dhaka Zone Total, Chattogram Zone Total, and Mymensingh Zone Total.

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	11.02.21 (Yesterday)		12.02.21 (Today)		11.02.21 (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)			
87	Fenchugonj	CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	30	30	30	30					
88	Fenchugonj	CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	22	22	22	22					
89	Fenchugonj	51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	50	53	51	51					
90	Fenchugonj	44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	50	50					
91	Kushiana	163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	110	110	163	163					
92	Hobiganj	11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11					
93	Shahjibazar	GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	0	0	0	0	66		Under maint.		
94	Shahjibazar	330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	99	101	100	100	229		Gas Shortage		
95	Shahjibazar	86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	69	73	74	74					
96	Sylhet	225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	0	80	100	100	151		Gas Shortage		
97	Sylhet	20 MW GTTP	Gas (PDB)	1 x 20	20	20	18	0	20	20					
98	Sylhet	50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0					
99	Sylhet	10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	9	9	10	10					
100	Shahjahanulla	25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	8	8	16	16					
101	Bibiana-II	341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	285	341	341					
102	Bibiyana-II	400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	376	340	420	420					
	Bibiyana South	400 MW	Gas (PDB)				0	15	80	90					
	Shahjibazar	100 MW GTTP	Gas (PDB)				0	0	100	100			On Test		
<b>Sylhet Zone Total</b>							<b>2033</b>	<b>1988</b>	<b>1149</b>	<b>1187</b>	<b>1588</b>	<b>1598</b>	<b>380</b>	<b>66</b>	
103	Bheramara	GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16					
104	Bheramara	410 MW CCPP	Gas (NWPGL)	1 x 278+ 1 x 132	410	410	175	300	200	410					
105	Faridpur	50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	25	25					
106	Gopalganj	100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	19	60	60					
107	Khulna	225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	220					
108	Khulna	115 PP MW (KPL-2)	HFO (QRPP)	7x17	115	115	49	85	115	115					
109	Noapara	100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	50	100					
110	Noapara	40 MW PP (Kharjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	0	40	40					
111	Rupsha	105 MW PP (Onion rupsha)	HFO (IPP)	6x18.445	105	105	93	93	95	95					
112	Madhumati	100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100					
**	Bheramara (HVDC)	India		1000	1000		719	775	539	828					
<b>Khulna Zone Total</b>							<b>2288</b>	<b>2284</b>	<b>1036</b>	<b>1272</b>	<b>1224</b>	<b>2009</b>	<b>0</b>	<b>0</b>	
113	Barsal	110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	32	110	110					
114	Bhola	33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	21	26	26	26					
115	Bhola	225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	0	0	0	0	194		Under maint.		
116	Bhola	95 MW PP (Agreko)	Gas (QRPP)	1.1x96	95	95	35	84	95	95					
117	Payra	1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	440	400	620	620					
118	Potuaekhali	150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	0	150	150					
	Bhola Nutan	Biddut BD LTD	Gas/HSD (IPP)				0	0	0	0					
<b>Barishal Zone Total</b>							<b>1826</b>	<b>1826</b>	<b>496</b>	<b>542</b>	<b>1001</b>	<b>1001</b>	<b>0</b>	<b>194</b>	
119	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		
		Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	50	50	0	50					
121	Baghabari	200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200					
122	Bera	70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	40					
123	Ammura	50 MW PP (Sirha)	HFO (QRPP)	7x7.79	50	50	12	18	25	25					
124	Chapainawabganj	100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	101	104	104					
125	Katakhal	50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	8	50	50					
126	Katakhal	50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	0	0					
127	Santahar	50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	25	0	0	34					
128	Sirajgonj	225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage		
129	Sirajgonj	225MW CCPP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	0	0	0	0	220		Gas Shortage		
130	Sirajgonj	225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	224	159	229	229					
131	Sirajgonj	400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	154	440	400	400					
132	Bogra	22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	21	21	22	22					
133	Bogra	20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	0	0	0					
134	Lilapara	11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11					
135	Natore	52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	25	25	52	52					
136	Bagura	113 MW PP (Confidence) Unit-1	HFO (IPP)	6'18.55	113	113	50	100	35	113					
137	Bagura	113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	113	100	113	113					
<b>Rajshahi Zone Total</b>							<b>2193</b>	<b>2183</b>	<b>685</b>	<b>1033</b>	<b>1241</b>	<b>1443</b>	<b>601</b>	<b>0</b>	
138	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		
139	Barapukuria	275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	150	150	150					
140	Rangpur	20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0					
141	Rangpur	113 MW PP (Confidence)	HFO (IPP)	7'16x 2'3	113	113	103	90	113	113					
142	Saidpur	20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0					
143	Majpara	Tatulia 8 MW Solar PP (Sympa Pt)	Solar (IPP)	1 x 8	8	8	5	0	8	0					
<b>Rangpur Zone Total</b>							<b>685</b>	<b>605</b>	<b>258</b>	<b>240</b>	<b>271</b>	<b>263</b>	<b>170</b>	<b>0</b>	
<b>Sub-total: Plants in operation</b>							<b>21395</b>	<b>20929</b>	<b>8337.0</b>	<b>9283</b>	<b>12575</b>	<b>14068</b>	<b>3342</b>	<b>1605</b>	
<b>Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss</b>							<b>8080</b>	<b>8997</b>	<b>12187</b>	<b>13635</b>					
<b>(B) Contract expired power plants</b>															
Sub-Total: Plants under long term maintenance							0	0	0	0	0	0	0	0	
<b>Gross Total</b>							<b>21395</b>	<b>20929</b>	<b>8337</b>	<b>9283</b>	<b>12575</b>	<b>14068</b>	<b>3342</b>	<b>1605</b>	
<b>(C) Actual data of 11.02.21 (Yesterday) Thursday :</b>															
01.	Max. Demand (Generation end)	: 9283.00 MW, at = 19:00 hrs			12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :										
02.	Max. Demand (Sub-station end)	: 8997.00 MW, at = 19:00 hrs			Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW			
03.	Highest Generation (Generation end)	: 9283.00 MW, at = 19:00 hrs			Dhaka	3135	3135	0	Mymensingh	824	824	0			
04.	Minimum Generation (Generation end)	: 5993.00 MW, at = 5:00 hrs			Chattogram	979	979	0	Sylhet	332	332	0			
05.	Day-peak Generation (Generation end)	: 8337.00 MW, at = 12:00 hrs			Khulna	1117	1117	0	Barishal	239	239	0			
06.	Evening-peak Generation (Generation end)	: 9283.00 MW, at = 19:00 hrs			Rajshahi	956	956	0	Rangpur	658	658	0			
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:00 hrs			Cumilla	757	757	0	Total	8997	8997	0			
08.	Actual Minimum Generation up to 8:00 hrs.	: 6000.00 MW, at = 7:00 hrs			13.	Fuel cost :	(a) Gas = 111746200 Taka (b) Oil = 304992813 Taka		(c) Coal = 72073848 Taka Total = 488812862 Taka						
09.	Generation shortfall at evening peak due to :														
	a) Gas limitation	: 3012 MW													
	d) Coal supply Limitation	: 170 MW													
	b) Low water level in Kaptai lake	: 160 MW													
	c) Plants under shut down/ maintenance	: 1605 MW													
10.	Total Energy (Generation + India Import)	: 187.53 MKWh													
	By Gas =	102.214 MKWh		48.849 MKWh											
	By Coal =	15.554 MKWh		1.680 MKWh											
	By Solar =	0.540 MKWh													
11.	Total Gas Supplied	: 881.32 MMCFD													
<b>(D) Forecast of 12.02.21 (Today) Friday :</b>															
01.	Maximum Demand	: 9000 MW (Generation end)			04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)								
02.	Maximum Generation	: 14068 MW (Generation end)			05.	Total Generation	: 181.81 MKWh								
03.	Maximum Shortage	: -5068 MW (Generation end)			06.	Probable Max. Temperature in Dhaka :	29.0° C								

\* Captive Power \*\* Imported Power

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

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