



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Table with columns for Month (June 2020), Day (Tuesday), Date (30.06.20), Probable Maximum Demand (11200 MW), and Probable Maximum Generation (15620 MW). The table lists various power stations (e.g., Ghorrasal, Chattogram, Dhaka Zone Total) with details on units, capacity, and generation for 2020, 2019, and 2018.

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	29.06.20 (Yesterday)		30.06.20 (Today)		29.06.20 (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)						
87	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	7	11	11							
88	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	59	49	61	66							
89	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	310	308	330	330							
90	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	72	75	80	80							
91	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	150	151	150	150							
92	Sylhet 20 MW GTTP	Gas (PDB)	1x 20	20	20	18	18	18	18							
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	24	23	24	25							
96	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	295	341	341							
97	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							
<b>Sylhet Zone Total</b>					<b>2033</b>	<b>1988</b>	<b>1235</b>	<b>1316</b>	<b>1401</b>	<b>1410</b>	<b>0</b>	<b>460</b>				
98	Bheramara GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16							
99	Bheramara 410 MW CCPP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	380	345	410	410							
100	Fardpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	30							
101	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	60							
102	Khulina 225 MW CCPP	HSD (NWP/GCL)	1 x 150+1x75	230	230	0	0	0	225							
103	Khulina 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	115	115	115							
104	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	60	100							
105	Noapara 40 MW PP (Khanjahan AI)	HFO (QRPP)	5x8.5	40	40	33	40	40	40							
106	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	0	105	105							
107	Madhumati 100 MW PP	HFO (NWP/GCL)	6x18.415	105	105	0	0	100	105							
**	Bheramara (HVDC)	India		1000	1000	932	929	952	953							
<b>Khulina Zone Total</b>					<b>2288</b>	<b>2284</b>	<b>1345</b>	<b>1429</b>	<b>1782</b>	<b>2159</b>	<b>0</b>	<b>0</b>				
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	32	80	110							
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	24	36	30	33							
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	87	87	87	87	107	GT-2 Under maint.					
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	79	75	78	78							
112	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	534	524	600	660							
<b>Barishal Zone Total</b>					<b>1054</b>	<b>1054</b>	<b>724</b>	<b>754</b>	<b>875</b>	<b>968</b>	<b>0</b>	<b>107</b>				
113 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	45	60	70	70	40	Gas Shortage					
114	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	17	0	50							
115	Baghabari 200 MW PP (Paramoun)	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	40							
117	Ammura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	0	0							
118	Chapainawabganj 100 MW Peakin	HFO (PDB)	12x8.924	104	104	0	100	100	100							
119	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	44	43	45							
120	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50							
121	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	34	0	35							
122	Sirajgonj 225MW CCPP Unit-1	Gas (NWP/GCL)	1x150+1x75	210	210	0	0	0	0	210	Gas Shortage					
123	Sirajgonj 225MW CCPP Unit-2	Gas (NWP/GCL)	1x150 + 1x75	220	220	170	152	200	200							
124	Sirajgonj 225MW CCPP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	164	163	210	210							
125	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	405	389	410	410							
126	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	20	21	22	22							
127	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	8	8	11	11							
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	43	43	43							
130	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	0	70	113							
131	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	112	70	113							
<b>Rajshahi Zone Total</b>					<b>2193</b>	<b>2183</b>	<b>820</b>	<b>1154</b>	<b>1510</b>	<b>1723</b>	<b>321</b>	<b>0</b>				
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	150	150	150	150							
134	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0							
135	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2'3	113	113	0	113	90	113							
136	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	10	0	20							
137	Majpara, Tatalia 8 MW Solar PP (Sympa I)	Solar (IPP)	1 x 8	8	8	7.6	0	8	0							
<b>Rangpur Zone Total</b>					<b>685</b>	<b>605</b>	<b>158</b>	<b>273</b>	<b>248</b>	<b>283</b>	<b>170</b>	<b>0</b>				
<b>Sub-total: Plants in operation</b>					<b>20279</b>	<b>19788</b>	<b>9449.7</b>	<b>11286</b>	<b>14038</b>	<b>15620</b>	<b>1086</b>	<b>2089</b>				
<b>Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss</b>					<b>9013</b>	<b>10764</b>	<b>13388</b>	<b>14898</b>								
<b>(B) Contract expired power plants</b>																
Sub-Total: Plants under long term maintenance					0	0	0	0	0	0						
<b>Gross Total</b>					<b>20279</b>	<b>19788</b>	<b>9450</b>	<b>11286</b>	<b>14038</b>	<b>15620</b>	<b>1086</b>	<b>2089</b>				
<b>(C) Actual data of 29.06.20 (Yesterday) Monday :</b>																
01. Max. Demand (Generation end) : 11286.00 MW, at = 21:00 hrs PM					12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :											
02. Max. Demand (Sub-station end) : 10764.00 MW, at = 21:00 hrs PM					Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW				
03. Highest Generation (Generation end) : 11286.00 MW, at = 21:00 hrs					Dhaka	3784	3784	0	Mymensingh	907	907	0				
04. Minimum Generation (Generation end) : 7928.20 MW, at = 7:00 hrs					Chattogram	1016	1016	0	Sylhet	431	431	0				
05. Day-peak Generation (Generation end) : 9449.70 MW, at = 12:00 hrs					Khulna	1329	1329	0	Barishal	305	305	0				
06. Evening-peak Generation (Generation end) : 11286.00 MW, at = 21:00 hrs PM					Rajshahi	1217	1217	0	Rangpur	738	738	0				
07. Evening Peak Load-shed (Sub-station end) : 0.00 MW, at = 21:00 hrs PM					Cumilla	1037	1037	0								
08. Actual Minimum Generation up to 8:00 hrs. : 8188.70 MW, at = 7:00 hrs am																
09. Generation shortfall at evening peak due to :					13. Fuel cost :			Total : 10764 10764 0								
a) Gas limitation : 791 MW					(a) Gas = 164255351 Taka			(c) Coal = 81697614 Taka								
d) Coal supply Limitation : 170 MW					(b) Oil = 321158931 Taka			Total = 56711896 Taka								
b) Low water level in Kaptai lake : 125 MW																
c) Plants under shut down/ maintenance : 2089 MW					14. Maximum Temperature in Dhaka was : 33.7° C											
10. Total Energy (Generation + India Import) : 231.27 MKWh					15. Export through East-West interconnections :											
By Gas = 140.608 MKWh By Oil = 45.375 MKWh					At evening peak-hour : -203 MW, at 21:00 hrs PM											
By Coal = 17.749 MKWh By Hydro = 2.458 MKWh					Maximum : -203 MW, at 21:00 hrs											
By Solar= 0.195 MKWh					Energy : 0.2835 MKWh											
11. Total Gas Supplied : 1194.35 MMCFD																
<b>(D) Forecast of 30.06.20 (Today) Tuesday :</b>																
01. Maximum Demand : 11200 MW (Generation end)					04. Maximum Load-shed : 0 MW At evening peak (Sub-station end)											
02. Maximum Generation : 15620 MW (Generation end)					05. Total Generation : 229.50 MKWh											
03. Maximum Shortage : -4420 MW (Generation end)					06. Probable Max. Temperature in Dhaka : 32.6° C											
* Captive Power ** Imported Power																

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

(Fazoul Islam Shaker)  
Deputy Secretary, Generation