



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

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Table with columns: Sl. No., Name of Power Station, Capacity (MW), Deraled/ Present Capacity (MW), 17.08.19 (Yesterday) Actual Peak Generation (MW), 18.08.19 (Today) Probable Peak Generation (MW), Gas/Water/Coal limitation (MW), Machines shut down (MW), Status of Machines under shut-down/ Maintenance, Probable start-up date. Includes sub-sections (A) Plants in operation, Dhaka Zone Total, Chattogram Zone Total, and Cumilla Zone Total.

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	17.08.19 (Yesterday)		18.08.19 (Today)		17.08.19 (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)			
78	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	60	59	60	60				
79	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	58	58	58	58				
80	Fenchugonj 51 MW PP (Barakatul)	Gas (RPP)	19x2.90	51	51	5	5	50	51				
81	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	36	50	44	44				
82	Kushiana 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
83	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	8	8	11	11				
84	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	60	58	63	63				
85	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	150	152	160	160				
86	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	10	73	73	75				
87	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	44	44	44	44				
88	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	47	48	120	120				
89	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	0	0	0	17				
90	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	30	31	42	43				
91	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	0	10	10	10				
92	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	0	24	24	24				
93	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	295	300	300	320				
94	Bibiana-III 400 MW CCPP	Gas (PDB)	1x285	285	285	0	0	0	0				
<b>Sylhet Zone Total</b>					<b>1879</b>	<b>1834</b>	<b>966</b>	<b>1128</b>	<b>1223</b>	<b>1263</b>	<b>0</b>	<b>0</b>	
95	Bheramara GTTP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	32				
96	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 279+1 x 132	410	410	320	320	320	410				
97	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	42	0	42				
98	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	67	0	75				
99	Khulina 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	200	200				
100	Khulina 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	115	115	115				
101	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	50	80	100				
102	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40				
103	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	105	105	105				
104	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	18	88	50	100				
**	Bheramara (HVDC)	India		1000	1000	732	826	943	943				
<b>Khulina Zone Total</b>					<b>2328</b>	<b>2314</b>	<b>1070</b>	<b>1653</b>	<b>1853</b>	<b>2162</b>	<b>0</b>	<b>0</b>	
105	Barisal GT PP Unit-1& 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
106	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	48	70	110				
107	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	23	34	25	35				
108	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	133	132	135	135				
109	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	97	96	95	95				
<b>Barishal Zone Total</b>					<b>472</b>	<b>462</b>	<b>253</b>	<b>310</b>	<b>325</b>	<b>405</b>	<b>0</b>	<b>0</b>	
110	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	55	55	60	60				
	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	0		100	Under transformer Maint. 20.8.19	
111	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50	50	50				
112	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
113	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	30				
114	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	12	50	40	50				
115	Chapanawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	95	80	100				
116	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	47	47				
117	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	8	50	50				
118	Santalar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	30	0	35				
119	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	190	195	215	215				
120	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0				
121	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	160	160	205	215				
122	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	357	341	400	400				
123	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
124	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	16	16	16	15				
125	Ulapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	0	11	11				
126	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	52	52	52				
127	Bagura 113 MW PP (Confidence)	HFO (IPP)	6x18.55	113	113	0	113	113	113				
<b>Rajshahi Zone Total</b>					<b>2080</b>	<b>2070</b>	<b>817</b>	<b>1187</b>	<b>1561</b>	<b>1665</b>	<b>0</b>	<b>100</b>	
128	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	93	92	90	90				
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Maintenance 25.8.19	
129	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	250	250	250	250				
130	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
	Rangpur 113 MW PP (Confidence)	HFO (IPP)				0	113	114	114			On Test	
131	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
132	Majpara, Tatalia 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	8.4	8	8	0			On Test	
<b>Rangpur Zone Total</b>					<b>572</b>	<b>492</b>	<b>351</b>	<b>455</b>	<b>462</b>	<b>454</b>	<b>0</b>	<b>85</b>	
<b>Sub-total: Plants in operation</b>					<b>18833</b>	<b>18310</b>	<b>7885</b>	<b>10792</b>	<b>13556</b>	<b>15000</b>	<b>853</b>	<b>185</b>	
<b>Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss</b>							<b>7452</b>	<b>10010</b>	<b>12811</b>	<b>14176</b>			
<b>(B) Contract expired power plants</b>													
133	Brahmanbaria 85 MW PP (Aggreko)	Gas (QRPP)	86x1.10	85	85	0	0	0	0			Contract expired	
134	Sikalbaha 51 MW PP(Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	0	0	0	0			Contract expired	
<b>Sub-Total: Plants under long term maintenance</b>					<b>136</b>	<b>136</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Grand Total</b>					<b>18969</b>	<b>18446</b>	<b>7885</b>	<b>10792</b>	<b>13556</b>	<b>15000</b>	<b>853</b>	<b>185</b>	
<b>(C) Actual data of 17.08.19 (Yesterday) Saturday :</b>													
01.	Max. Demand (Generation end)	:	10792.00	MW, at = 21:00:00 hr	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	10010.00	MW, at = 21:00:00 hr	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	10792.00	MW, at = 21:00 hrs	Dhaka	3061	3061	0	Mymensingh	915	915	0	
04.	Minimum Generation (Generation end)	:	6767.02	MW, at = 8:00 hrs	Chattogram	1060	1060	0	Sylhet	488	488	0	
05.	Day-peak Generation (Generation end)	:	7885.40	MW, at = 11:00 hrs	Khulina	1373	1373	0	Barishal	323	323	0	
06.	Evening-peak Generation (Generation end)	:	10792.00	MW, at = 21:00:00 hr	Rajshahi	1373	1373	0	Rangpur	323	323	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00:00 hr	Cumilla	1094	1094	0					
08.	Actual Minimum Generation up to 8:00 hrs.	:	7667.61	MW									
09.	Generation shortfall at evening peak due to :	:											
a)	Gas limitation	:	853	MW	13.	Fuel cost :		(a) Gas = 142984507 Taka	(c) Coal = 35899532 Taka				
d)	Coal supply Limitation	:	0	MW				(b) Oil = 184608032 Taka	Total = 178884038 Taka				
b)	Low water level in Kaptai lake	:	0	MW									
c)	Plants under shut down/ maintenance	:	185	MW	14.	Maximum Temperature in Dhaka was :		33.4° C					
10.	Total Energy (Generation + India Import)	:	210.16	MKWht	15.	Export through East-West interconnections :							
	By Gas = 148.513 MKWht			By Oil = 27.727 MKWht		At evening peak-hour		:-216 MW, at 21:00:00 hrs PM					
	By Coal = 7.614 MKWht			By Hydro = 4.950 MKWht		Maximum		:-264 MW, at 1:00 hrs					
	By Solar= 0.203 MKWht					Energy		: 1.428 MKWht					
11.	Total Gas Supplied	:	1290.94	MMCFD									
<b>(D) Forecast of 18.08.19 (Today) Sunday :</b>													
01.	Maximum Demand	:	11700	MW (Generation end)	04.	Maximum Load-shed		: 0 MW At evening peak (Sub-station end)					
02.	Maximum Generation	:	15000	MW (Generation end)	05.	Total Generation		: 227.85 MKWht					
03.	Maximum Shortage	:	-3300	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :		: 32.7° C					

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

(MONIRUZZAMAN)  
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