Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: August, 2018 | Day : **Friday** | Date : **17.08.18**

Probable Maximum Demand : 11000 MW | **Probable Maximum Generation :** 12446 MW

Water Level of Kaptai Lake at 06:00 AM | Yesterday = **105.56** ft | Today = **105.65** ft. | Rule Curve = **93.80** ft.

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	16.08.18 (Yesterday) Actual Peak Generation (MW)		17.08.18 (Today) Probable Peak Generation (MW)		16.08.18 (Yesterday) Gen. shortfall for :		Status of Machines under shut-down/ Maintenance	
							Day	Evening	Day	Evening	Gas/Water/Coal MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
(A)	**Plants in operation:**													
1	a) Ghorasal ST:Unit -1	Gas	(PDB)	1 x 55	55	40	35	0	0	0				
	b) Ghorasal ST:Unit -2	Gas	(PDB)	1 x 55	55	45	35	35	35	35				
	c) Ghorasal ST:Unit-3	Gas	(PDB)	1 x 210	210	170	110	110	110	110	60		Gas Shortage	
	d) Ghorasal ST:Unit-4	Gas	(PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage	
	(e) Ghorasal ST:Unit-5	Gas	(PDB)	1 x 210	210	190	90	70	100	100	120		Gas Shortage	
2	Ghorasal CCPP:Unit-7	Gas	(PDB)	1x 254+1x 126	365	365	365	365	190	365				
3	Ghorashal (Regent)	Gas	(IPP)	34x3.35	108	108	0	0	77	100				
4	Ghorasal 78.5MW (Max)	Gas	(QRPP)	2x40	78	78	0	0	35	35				
5	Tongi GT	Gas	(PDB)	1 x 105	105	105	0	0	0	0		105	Under Maintenance	27.08.18
6	Horipur GT: Unit-1,2	Gas	(PDB)	2 x 32	64	40	0	0	0	0	40		Gas Shortage	
7	Horipur NEPC (HFO)	HFO	(IPP)	8x15	110	110	82	58	110	110				
8	Horipur Power CCPP	Gas	(IPP)	1x235+1x125	360	360	222	222	280	280	138		Gas Shortage	
9	Meghnaghat CCPP	Gas	(IPP)	2x140+1x170	450	450	300	310	450	450				
10	Shiddirganj ST	Gas	(PDB)	1 x 210	210	115	0	0	0	0	115		Gas Shortage	
11	Horipur 412MW CCPP	Gas	(EGCB)	1x273+1x139	412	412	356	366	412	412				
12	Shiddirganj GT:Unit-1&2	Gas	(EGCB)	2 x 105	210	210	0	0	0	0	210		Gas Shortage	
13	Siddhirganj CCPP-335 MW GT	Gas	(EGCB)	1 x 217	217	217	216	150	160	160				
14	Siddirganj (Desh)	HSD	(QRPP)	96x1.2	100	100	30	100	100	100				
15	Siddirganj (Dutch Bangla)	HFO	(QRPP)	12x8.9	100	100	80	100	100	100				
16	Pagla (DPA)	HSD	(QRPP)	100x0.5	50	50	50	51	50	50				
17	Meghnaghat CCPP (Summit)	HSD	(IPP)	2x110+1x110	305	305	200	300	305	305				
18	Meghnaghat (IEL)	HFO	(QRPP)	12x8.9	100	100	100	100	100	100				
19	Madanganj (Summit)	HFO	(QRPP)	6x17	102	100	40	65	84	84				
20	Madanganj-55 MW	HFO	(IPP)	5x17.08+1x11.3	55	55	55	55	55	55				
21	Keranigonj (Powerpac)	HFO	(QRPP)	8x13.45	100	100	76	62	100	100				
22	Gagnagar (Orion)	HFO	(IPP)	12x8.924	102	102	102	102	102	102				
23	Narshingdi (Doreen)	Gas	(SIPP, REB)	8x2.90	22	22	22	22	22	22				
24	Summit Power,(Madhabdi+Ashulia)	Gas	(SIPP, REB)	6x3.67+7x8.73	80	80	56	32	58	58				
25	Summit Power, Maona	Gas	(SIPP, REB)	4x8.73	33	33	25	25	33	33				
26	Summit Power, Rupganj	Gas	(SIPP, REB)	4x8.73	33	33	33	33	33	33				
27	Gazipur (RPCL)	HFO	(RPCL)	6x8.90	52	52	43	51	52	52				
28	Kodda 150MW Power Plant	HFO	(BPDB-RPCL)	9x17.06	149	149	149	149	149	149				
29	Kathpotti 52 MW	HFO	(IPP)	7x7.90	51	51	40	40	40	40				
30	Kamalaghat Munshiganj (Banco Energy)	HFO	(IPP)	3x18.69	54	54	18	54	54	54				
31	Summit Gazipur-2	HFO	(IPP)	18x17.076	300	300	100	112	300	300				
32	Summit Kodda 149MW	HFO	(IPP)	8x18.415+1x8.97	149	149	94	120	100	150				
	APR Energy , Keranigonj	HSD	(IPP)				109	258	0	300				
33	Bramhangoan 100MW (Aggreco)	HSD	(IPP)	23x0.85+91x.959	100	100	50	100	100	100				
34	Aourahati 100MW (Aggreco)	HSD	(IPP)	23x0.85+91x.959	100	100	100	100	100	100				
35	Southern Power	HFO	(IPP)	3x19.3	55	55	55	55	55	55				
36	Northern 55 MW	HFO	(IPP)	3x19.3	55	55	55	55	55	55				
37	Bosila 108 MW (CLC)	HFO	(IPP)	12x8.775+1x3.5	108	108	8	8	8	8				
	Dhaka Zone Total				**5784**	**5548**	**3501**	**3835**	**4114**	**4662**	**863**	**105**		
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro	(PDB)	2x40, 3x50	230	230	179	185	200	200				
39	a) Chittagong ST:Unit -1	Gas	(PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage	
	b) Chittagong ST:Unit -2	Gas	(PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage	
40	Raozan 25 MW (RPCL)	HFO	(RPCL)	3x8.9	25	25	16	25	26	26				
41	Patenga 50MW (Barakatullah)	HFO	(IPP)	8x6.89	50	50	44	50	45	45				
42	Shikalbaha ST	Gas	(PDB)	1 x 60	60	40	0	0	0	0	40		Gas Shortage	
43	Shikalbaha Peaking GT	HSD	(PDB)	1 x 150	150	150	135	135	135	135				
44	Sikalbaha 225 MW CCPP (Dual Fuel)	HSD	(PDB)	1 x 150+1 x 75	225	225	228	202	225	225				
45	Sikalbaha (Energis)	HFO	(RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	40	40	50	50				
46	Julda (Acorn)	HFO	(QRPP)	8x13.45	100	100	90	90	100	100				
47	Dohazari-Kalaish Peaking	HFO	(PDB)	6x17.0	102	102	15	48	50	50				
48	Hathazari Peaking	HFO	(PDB)	11x8.9	98	98	24	48	80	80				
49	Barabkunda (Regent)	Gas	(SIPP, PDB)	8x2.90	22	22	19	19	19	19				
*	Malancha, Ctg.EPZ (United)	Gas		5x8.73+3x9.34			2	13	42	42				
50	Chittagong (ECPV)	HFO	(IPP)	16x7.00	108	108	85	92	100	100				
	Chattogram Zone Total				**1641**	**1561**	**877**	**947**	**1072**	**1072**	**400**	**0**		
51	a) Ashuganj ST:Unit-3	Gas	(APSCL)	1 x 150	150	135	90	90	100	100				
	b) Ashuganj ST:Unit-4	Gas	(APSCL)	1 x 150	150	129	70	70	70	70				
	c) Ashuganj ST:Unit-5	Gas	(APSCL)	1 x 150	150	134	0	0	0	0				
52	Ashuganj Engines	Gas	(APSCL)	14x3.968	53	45	20	20	33	40				
53	Ashuganj CCPP 225 MW	Gas	(APSCL)	1×142+1*75	221	221	193	209	225	225				
54	Ashuganj CCPP(South)	Gas	(APSCL)	1x360	360	360	250	287	360	360				
55	Ashuganj CCPP(North)	Gas	(APSCL)	1x361	360	360	300	280	360	360				
56	Ashuganj (Precision)	Gas	(RPP)	15*4	55	55	5	5	10	20				
57	Ashuganj (United)	Gas	(QRPP)	14x4.00	53	53	5	5	5	30				
58	Ashuganj Modular 195 MW	Gas	(IPP)	20*9.73+1*16	195	195	78	75	195	195				
59	Ashuganj (Midland)	Gas	(IPP)	6x9.34	51	51	43	45	45	45				
60	Brahmanbaria (Aggreko)	Gas	(QRPP)	86x1.10	85	85	85	85	85	85				
61	Titas (Daudkandi) Peaking	HFO	(PDB)	6x8.92	52	52	0	49	0	50				
62	Chandpur CCPP	Gas	(PDB)	1X106+1x57	163	163	30	100	100	100				
63	Feni (Doreen)	Gas	(SIPP, PDB)	8x2.90	22	22	19	22	22	22				
64	Feni, Mohipal (Doreen)	Gas	(SIPP, REB)	4x2.90	11	11	8	8	11	11				
65	Jangalia (Summit)	Gas	(SIPP, PDB)	4x8.73	33	33	0	25	33	33				
66	Jangalia (Lakdanavi)	HFO	(IPP)	6x8.92	52	52	25	8	52	52				
67	Summit Power, Comilla	Gas	(SIPP, REB)	3x3.67+2x6.97	25	25	15	21	22	22				
68	Daudkandi 200 MW	HSD	(IPP)	9x1.4+40x1.515+15x1.05	200	200	50	200	200	200				
**	Tripura		India		160	160	142	176	123	173				
	Cumilla Zone Total				**2601**	**2541**	**1428**	**1780**	**2051**	**2193**	**0**	**0**		
69	RPCL CCPP	Gas	(IPP)	4x35+1x70	210	202	47	42	60	60	160		Gas Shortage	
70	Tangail (Doreen)	Gas	(SIPP, PDB)	8x2.90	22	22	22	22	22	22				
71	Jamalpur IPP	HFO	(IPP)	12x8.924	95	95	86	95	95	95				
72	Mymensingh 200MW (United)	HFO	(IPP)	21x9.780	200	200	103	128	130	130				
73	Sarishabari Solar Plant	Solar	(IPP)	12x8.924	3	3	2.9	0	2	0				
	Mymensing Zone Total				**530**	**522**	**260.9**	**287**	**309**	**307**	**160**	**0**		

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	16.08.18 (Yesterday) Actual Peak Generation (MW)		17.08.18 (Today) Probable Peak Generation (MW)		16.08.18 (Yesterday) Gen. shortfall for :		Status of Machines under shut-down/ Maintenance	
							Day	Evening	Day	Evening	Gas/water/Coal MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
74	Fenchuganj CCPP-1	Gas	(PDB)	2x32+1x33	97	70	60	63	70	70				
75	Fenchuganj CCPP-2	Gas	(PDB)	2x35+1x35	104	90	61	62	62	62				
76	Fenchuganj (Barakatullah)	Gas	(RPP)	19x2.90	51	51	47	53	51	51				
77	Fenchuganj (Energyprima)	Gas	(RPP)	12x3.3+5x2.0	44	44	47	50	50	50				
78	Kushiara 163 MW CCPP	Gas	(IPP)	1x109+1x54	163	163	163	163	163	163				
79	Hobiganj (Confidence-EP)	Gas	(SIPP, REB)	4x2.90	11	11	11	11	11	11				
80	Shajibazar GT:Unit-8,9	Gas	(PDB)	2x35	70	66	58	61	40	40				
81	Shahjibazar 330 MW CCPP	Gas	(PDB)	2x110+2x110	330	330	308	319	330	330				
82	Shajibazar (Shajibazar)	Gas	(RPP)	32x2.90	86	86	84	85	86	86				
83	Shajibazar (Energyprima)	Gas	(RPP)	27x2.0	50	50	46	46	48	48				
84	Sylhet 150MW GT	Gas	(PDB)	1x142	142	142	87	128	130	130				
85	Sylhet 20MW GT	Gas	(PDB)	1 x 20	20	20	13	19	19	19				
86	Sylhet (Enegyprima)	Gas	(RPP)	27x2.0	50	50	44	45	48	48				
87	Sylhet (Desh)	Gas	(RPP)	6x1.95	10	10	5	9	9	9				
88	Shahjahanulla 25MW	Gas	(CIPP, REB)	3x9.34	25	25	22	23	23	23				
89	Summit Bibiana- 2	Gas	(IPP)	1x222+1x119	341	341	265	330	341	341				
	Sylhet Zone Total				**1594**	**1549**	**1321**	**1467**	**1481**	**1481**	**0**	**0**		
90	Bheramara GT: Unit-1,2,3	HSD	(PDB)	3 x 20	60	46	0	32	0	48				
91	Bheramara 360 MW CCPP	Gas	(NWPGCL)	1 x 278+1 x 132	410	410	410	410	410	410				
92	Faridpur Peaking	HFO	(PDB)	8x6.98	54	54	0	49	0	49				
93	Gopalganj Peaking	HFO	(PDB)	16x6.98	109	109	0	66	0	80				
94	Khulna CCPP	HSD	(NWPGCL)	1 x 150+1x75	230	230	0	0	0	0				
95	Khulna (KPCL-I)	HFO	(IPP)	19x6.5	110	110	58	97	100	100				
96	Khulna (KPCL-II)	HFO	(QRPP)	7x17	115	115	99	115	115	115				
97	Khulna (Aggreko) 55MW	HSD	(QRPP)	71x0.85	55	55	0	0	0	0				
98	Bangla Trac (Noapara)	HSD	(IPP)	70x1.4+7x1.515	100	100	76	80	100	100				
99	Noapara (Khanjahan Ali)	HFO	(QRPP)	5x8.5	40	40	24	40	40	40				
**	Bheramara HVDC Interconnector		India		500	500	481	481	486	484				
	Khulna Zone Total				**1783**	**1769**	**1148**	**1370**	**1251**	**1426**	**0**	**0**		
100	Barisal GT :Unit -1, 2	HSD	(PDB)	2 x 20	40	30	0	0	0	14				
101	Summit Barisal 110 MW	HFO	(IPP)	7 x 17.076	110	110	48	100	110	110				
102	Bhola (Venture)	Gas	(RPP)	1x34.50	33	33	11	35	33	33				
103	Bhola CCPP GT-1,2,ST	Gas	(PDB)	2x63+1x68	194	194	186	188	194	194				
104	Bhola Agreeko 95 MW	Gas	(QRPP)		95	95	95	96	95	95				
	Barishal Zone Total				**472**	**462**	**340**	**419**	**432**	**446**	**0**	**0**		
105	a) Baghabari GT	Gas	(PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage	
	b) Baghabari GT	Gas	(PDB)	1 x 100	100	100	0	0	0	0		100	Under Maintenance	23.08.18
106	Baghabari Peaking	HFO	(PDB)	6x8.9	52	52	0	50	0	43				
107	Bera Peaking	HFO	(PDB)	9x8.29	71	71	0	42	0	44				
108	Amnura	HFO	(QRPP)	7x7.79	50	50	50	50	50	50				
109	Chapainawabganj-100 MW	HFO	(PDB)	12x8.924	104	104	25	93	100	100				
110	Katakhali Peaking	HFO	(PDB)	6x8.7	50	50	0	43	45	45				
111	Katakhali (Northern)	HFO	(QRPP)	6x8.9	50	50	43	43	43	43				
112	Santahar Peaking	HFO	(PDB)	6x8.7	50	50	0	40	0	39				
113	Sirajganj CCPP 1	Gas	(NWPGCL)	1x150+1x75	210	210	193	190	215	215				
114	Sirajganj CCPP 2	HSD	(NWPGCL)	1x150 + 1x75	220	220	131	220	0	0				
	Sirajgonj Unit-3 225MW	Gas	(NWPGCL)				151	150	155	155			On Test	
115	Bogura (GBB)	Gas	(RPP)	6x4.0	22	22	18	21	18	18				
116	Bogura (Engergyprima)	Gas	(RPP)	5x3.3+5x2.0	20	10	10	10	10	10				
117	Ullapara (Summit)	Gas	(SIPP, REB)	4x2.90	11	11	11	11	11	11				
118	Rajlanka 52 MW	HFO	(IPP)	6x8.92	52	52	51	52	52	52				
	Rajshahi Zone Total				**1133**	**1123**	**683**	**1015**	**699**	**825**	**71**	**100**		
119	a) Barapukuria ST:Unit -1	Coal	(PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	29.08.18
	b) Barapukuria ST:Unit - 2	Coal	(PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
120	Barapukuria ST:Unit - 3	Coal	(PDB)	2 x 274	274	274	0	0	0	0	274		Coal Shortage	
121	Rangpur GT	HSD	(PDB)	1 x 20	20	20	0	17	16	16				
122	Syedpur GT	HSD	(PDB)	1 x 20	20	20	0	15	18	18				
	Rangpur Zone Total				**564**	**484**	**0**	**32**	**34**	**34**	**359**	**85**		
	Sub-total: Plants in operation				**16102**	**15559**	**9559**	**11152**	**11443**	**12446**	**1853**	**290**		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							**9064**	**10575**	**10851**	**11802**				
	Gross Total				**16102**	**15559**	**9559**	**11152**	**11443**	**12446**	**1853**	**290**		

(B) Actual data of 16.08.18 (Yesterday) Thursday :

01.	Max. Demand (Generation end)	:	11152.00	MW, at = 19:30 hrs
02.	Max. Demand (Sub-station end)	:	10575.00	MW, at = 19:30 hrs
03.	Highest Generation (Generation end)	:	11152.00	MW, at = 19:30 hrs
04.	Minimum Generation (Generation end)	:	8244.20	MW, at = 7:00 hrs
05.	Day-peak Generation (Generation end)	:	9558.90	MW, at = 12:00 hrs
06.	Evening-peak Generation (Generation end)	:	11152.00	MW, at = 19:30 hrs
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:30 hrs
08.	Generation shortfall at evening peak due to :			
	a) Gas limitation	:	1494	MW
	b) Low water level in Kaptai lake	:	0	MW
	c) Plants under shut down/ maintenance	:	290	MW
09.	Total Energy (Generation + India Import)	:	233.28	MKWh
	By Gas = 136.40 MKWH		By Oil = 77.38 MKWh	
	By Coal = 0.00 MKWH		By Hydro = 4.36 MKWh	
10.	Total Gas Supplied	:	1126.43	MMCFD

11. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :

Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
Dhaka	4125	4125	0	Mymensingh	776	776	0
Chattogram	1081	1081	0	Sylhet	480	480	0
Khulna	1275	1275	0	Barishal	270	270	0
Rajshahi	1042	1042	0	Rangpur	536	536	0
Cumilla	990	990	0	**Total**	**10575**	**10575**	**0**

12. Fuel cost : (a) Gas = 94357483 Taka (c) Coal = 0 Taka
(b) Oil = 822636036 Taka **Total =** 916993519 Taka

13. Maximum Temperature in Dhaka was : 35.7° C

14. Export through East-West interconnections :
At evening peak-hour : -600 MW, at 19:30 hrs
Maximum : -620 MW, at 20:00 hrs
Energy : 7.4865 MKWh

(C) Forecast of 17.08.18 (Today) Friday :

01.	Maximum Demand	:	11000	MW	(Generation end)	04.	Maximum Load-shed : 0	MW	At evening peak (Sub-station end)
02.	Maximum Generation	:	12446	MW	(Generation end)	05.	Total Generation : 230.10	MKWh	
03.	Maximum Shortage	:	-1446	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 35.7° C		

* Captive Power ** Imported Power

#Remarks: Highest Generation 11387MW on 18-07-2018 at 22:00

(MONIRUZZAMAN)
Deputy Secretary, Generation