Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: August, 2018 | Day : **Wednesday** | Date : **22.08.18**

Probable Maximum Demand : 8800 MW | **Probable Maximum Generation :** 13058 MW

Water Level of Kaptai Lake at 06:00 AM | Yesterday = **106.10** ft | Today = **106.03** ft. | Rule Curve = **95.40** ft.

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	21.08.18 (Yesterday) Actual Peak Generation (MW)		22.08.18 (Today) Probable Peak Generation (MW)		21.08.18 (Yesterday) Gen. shortfall for :		Status of Machines under shut-down/ Maintenance	
							Day	Evening	Day	Evening	Gas/water/Coal limitation 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	37	37	37	37				
	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	120	120	120	120	50		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	100	100	100	100	90		Gas Shortage	
2	Ghorasal CCPP:Unit-7	Gas	(PDB)	1x 254+1x 126	365	365	220	270	270	270				
3	Ghorashal (Regent)	Gas	(IPP)	34x3.35	108	108	22	87	87	87				
4	Ghorasal 78.5MW (Max)	Gas	(QRPP)	2x40	78	78	20	30	30	30				
5	Tongi GT	Gas	(PDB)	1 x 105	105	105	0	0	0	0		105	Under Maintenance	28.09.18
6	Horipur GT: Unit-1,2	Gas	(PDB)	2 x 32	64	40	20	20	0	20	20		Gas Shortage	
7	Horipur NEPC (HFO)	HFO	(IPP)	8x15	110	110	0	0	110	110				
8	Horipur Power CCPP	Gas	(IPP)	1x235+1x125	360	360	304	350	360	360				
9	Meghnaghat CCPP	Gas	(IPP)	2x140+1x170	450	450	340	450	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	290	381	412	412				
12	Shiddirganj GT:Unit-1&2	Gas	(EGCB)	2 x 105	210	210	100	130	210	210	80		Gas Shortage	
13	Siddhirganj CCPP-335 MW GT	Gas	(EGCB)	1 x 217	217	217	140	218	140	217				
14	Siddirganj (Desh)	HSD	(QRPP)	96x1.2	100	100	0	0	100	100				
15	Siddirganj (Dutch Bangla)	HFO	(QRPP)	12x8.9	100	100	0	7	100	100				
16	Pagla (DPA)	HSD	(QRPP)	100x0.5	50	50	0	0	50	50				
17	Meghnaghat CCPP (Summit)	HSD	(IPP)	2x110+1x110	305	305	0	0	305	305				
18	Meghnaghat (IEL)	HFO	(QRPP)	12x8.9	100	100	0	7	100	100				
19	Madanganj (Summit)	HFO	(QRPP)	6x17	102	100	0	15	84	84				
20	Madanganj-55 MW	HFO	(IPP)	5x17.08+1x11.3	55	55	0	15	55	55				
21	Keranigonj (Powerpac)	HFO	(QRPP)	8x13.45	100	100	0	10	100	100				
22	Gagnagar (Orion)	HFO	(IPP)	12x8.924	102	102	0	7	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	35	35	58	58				
25	Summit Power, Maona	Gas	(SIPP, REB)	4x8.73	33	33	33	33	33	33				
26	Summit Power, Rupganj	Gas	(SIPP, REB)	4x8.73	33	33	17	7	33	33				
27	Gazipur (RPCL)	HFO	(RPCL)	6x8.90	52	52	0	8	52	52				
28	Kodda 150MW Power Plant	HFO	(BPDB-RPCL)	9x17.06	149	149	0	16	149	149				
29	Kathpotti 52 MW	HFO	(IPP)	7x7.90	51	51	6	6	40	40				
30	Kamalaghat Munshiganj (Banco Energy)	HFO	(IPP)	3x18.69	54	54	18	18	54	54				
31	Summit Gazipur-2	HFO	(IPP)	18x17.076	300	300	25	14	300	300				
32	Summit Kodda 149MW	HFO	(IPP)	8x18.415+1x8.97	149	149	16	15	150	150				
33	APR Energy , Keranigonj	HSD	(IPP)	256x1.4	300	300	0	0	300	300				
34	Bramhangoan 100MW (Aggreco)	HSD	(IPP)	23x0.85+91x.959	100	100	0	0	100	100				
35	Aourahati 100MW (Aggreco)	HSD	(IPP)	23x0.85+91x.959	100	100	0	0	100	100				
36	Southern Power	HFO	(IPP)	3x19.3	55	55	17	17	55	55				
37	Northern 55 MW	HFO	(IPP)	3x19.3	55	55	18	0	55	55				
38	Bosila 108 MW (CLC)	HFO	(IPP)	12x8.775+1x3.5	108	108	0	0	8	8				
	Dhaka Zone Total				**6084**	**5848**	**1955**	**2480**	**4866**	**4963**	**535**	**105**		
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro	(PDB)	2x40, 3x50	230	230	167	188	188	188				
40	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	
41	Raozan 25 MW (RPCL)	HFO	(RPCL)	3x8.9	25	25	0	8	16	16				
42	Patenga 50MW (Barakatullah)	HFO	(IPP)	8x6.89	50	50	6	18	40	40				
43	Shikalbaha ST	Gas	(PDB)	1 x 60	60	40	0	0	0	0	40		Gas Shortage	
44	Shikalbaha Peaking GT	HSD	(PDB)	1 x 150	150	150	50	60	135	135				
45	Sikalbaha 225 MW CCPP (Dual Fuel)	HSD	(PDB)	1 x 150+1 x 75	225	225	213	202	202	225				
46	Sikalbaha (Energis)	HFO	(RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	8	31	50	50				
47	Julda (Acorn)	HFO	(QRPP)	8x13.45	100	100	15	100	100	100				
48	Dohazari-Kalaish Peaking	HFO	(PDB)	6x17.0	102	102	0	49	50	50				
49	Hathazari Peaking	HFO	(PDB)	11x8.9	98	98	0	0	80	80				
50	Barabkunda (Regent)	Gas	(SIPP, PDB)	8x2.90	22	22	19	19	19	19				
*	Malancha, Ctg.EPZ (United)	Gas		5x8.73+3x9.34			42	42	42	42				
51	Chittagong (ECPV)	HFO	(IPP)	16x7.00	108	108	12	52	100	100				
	Chattogram Zone Total				**1641**	**1561**	**532**	**769**	**1022**	**1045**	**400**	**0**		
52	a) Ashuganj ST:Unit-3	Gas	(APSCL)	1 x 150	150	135	90	90	90	90				
	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				
53	Ashuganj Engines	Gas	(APSCL)	14x3.968	53	45	43	43	43	43				
54	Ashuganj CCPP 225 MW	Gas	(APSCL)	1×142+1*75	221	221	196	194	225	225				
55	Ashuganj CCPP(South)	Gas	(APSCL)	1x360	360	360	320	316	360	360				
56	Ashuganj CCPP(North)	Gas	(APSCL)	1x361	360	360	320	360	360	360				
57	Ashuganj (Precision)	Gas	(RPP)	15*4	55	55	5	5	5	20				
58	Ashuganj (United)	Gas	(QRPP)	14x4.00	53	53	5	5	5	20				
59	Ashuganj Modular 195 MW	Gas	(IPP)	20*9.73+1*16	195	195	16	16	180	180				
60	Ashuganj (Midland)	Gas	(IPP)	6x9.34	51	51	12	12	45	45				
61	Brahmanbaria (Aggreko)	Gas	(QRPP)	86x1.10	85	85	10	85	85	85				
62	Titas (Daudkandi) Peaking	HFO	(PDB)	6x8.92	52	52	0	0	0	50				
63	Chandpur CCPP	Gas	(PDB)	1X106+1x57	163	163	90	90	90	90				
64	Feni (Doreen)	Gas	(SIPP, PDB)	8x2.90	22	22	22	22	22	22				
65	Feni, Mohipal (Doreen)	Gas	(SIPP, REB)	4x2.90	11	11	11	11	11	11				
66	Jangalia (Summit)	Gas	(SIPP, PDB)	4x8.73	33	33	8	33	33	33				
67	Jangalia (Lakdanavi)	HFO	(IPP)	6x8.92	52	52	0	0	52	52				
68	Summit Power, Comilla	Gas	(SIPP, REB)	3x3.67+2x6.97	25	25	15	20	20	20				
69	Daudkandi 200 MW	HSD	(IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	200	200				
**	Tripura		India		160	160	94	158	122	170				
	Cumilla Zone Total				**2601**	**2541**	**1327**	**1530**	**2018**	**2146**	**0**	**0**		
70	RPCL CCPP	Gas	(IPP)	4x35+1x70	210	202	192	198	200	200	4		Gas Shortage	
71	Tangail (Doreen)	Gas	(SIPP, PDB)	8x2.90	22	22	22	22	22	22				
72	Jamalpur IPP	HFO	(IPP)	12x8.924	95	95	0	16	95	95				
73	Mymensingh 200MW (United)	HFO	(IPP)	21x9.780	200	200	7	180	180	180				
74	Sarishabari Solar Plant	Solar	(IPP)	12x8.924	3	3	0.9	0	2	0				
	Mymensing Zone Total				**530**	**522**	**221.9**	**416**	**499**	**497**	**4**	**0**		

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							Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
75	Fenchuganj CCPP-1	Gas	(PDB)	2x32+1x33	97	70	58	60	60	60				
76	Fenchuganj CCPP-2	Gas	(PDB)	2x35+1x35	104	90	61	62	62	62				
77	Fenchuganj (Barakatullah)	Gas	(RPP)	19x2.90	51	51	5	33	51	51				
78	Fenchuganj (Energyprima)	Gas	(RPP)	12x3.3+5x2.0	44	44	5	47	44	44				
79	Kushiara 163 MW CCPP	Gas	(IPP)	1x109+1x54	163	163	100	163	163	163				
80	Hobiganj (Confidence-EP)	Gas	(SIPP, REB)	4x2.90	11	11	11	11	11	11				
81	Shajibazar GT:Unit-8,9	Gas	(PDB)	2x35	70	66	61	62	66	66				
82	Shahjibazar 330 MW CCPP	Gas	(PDB)	2x110+2x110	330	330	236	238	235	235				
83	Shajibazar (Shajibazar)	Gas	(RPP)	32x2.90	86	86	10	10	86	86				
84	Shajibazar (Energyprima)	Gas	(RPP)	27x2.0	50	50	10	46	48	48				
85	Sylhet 150MW GT	Gas	(PDB)	1x142	142	142	79	78	130	130				
86	Sylhet 20MW GT	Gas	(PDB)	1 x 20	20	20	0	0	19	19				
87	Sylhet (Enegyprima)	Gas	(RPP)	27x2.0	50	50	6	44	44	44				
88	Sylhet (Desh)	Gas	(RPP)	6x1.95	10	10	0	0	9	9				
89	Shahjahanulla 25MW	Gas	(CIPP, REB)	3x9.34	25	25	21	23	23	23				
90	Summit Bibiana- 2	Gas	(IPP)	1x222+1x119	341	341	310	320	341	341				
	Sylhet Zone Total				**1594**	**1549**	**973**	**1197**	**1392**	**1392**	**0**	**0**		
91	Bheramara GT: Unit-1,2,3	HSD	(PDB)	3 x 20	60	46	0	0	0	48				
92	Bheramara 360 MW CCPP	Gas	(NWPGCL)	1 x 278+1 x 132	410	410	330	410	410	410				
93	Faridpur Peaking	HFO	(PDB)	8x6.98	54	54	0	41	0	41				
94	Gopalganj Peaking	HFO	(PDB)	16x6.98	109	109	0	78	20	78				
95	Khulna CCPP	HSD	(NWPGCL)	1 x 150+1x75	230	230	50	50	225	225				
96	Khulna (KPCL-I)	HFO	(IPP)	19x6.5	110	110	10	10	100	100				
97	Khulna (KPCL-II)	HFO	(QRPP)	7x17	115	115	0	16	115	115				
98	Khulna (Aggreko) 55MW	HSD	(QRPP)	71x0.85	55	55	0	0	0	0				
99	Bangla Trac (Noapara)	HSD	(IPP)	70x1.4+7x1.515	100	100	0	93	93	93				
100	Noapara (Khanjahan Ali)	HFO	(QRPP)	5x8.5	40	40	0	32	40	40				
**	Bheramara HVDC Interconnector		India		500	500	488	485	491	491				
	Khulna Zone Total				**1783**	**1769**	**878**	**1215**	**1494**	**1641**	**0**	**0**		
101	Barisal GT :Unit -1, 2	HSD	(PDB)	2 x 20	40	30	0	0	0	21				
102	Summit Barisal 110 MW	HFO	(IPP)	7 x 17.076	110	110	16	110	110	110				
103	Bhola (Venture)	Gas	(RPP)	1x34.50	33	33	26	38	33	33				
104	Bhola CCPP GT-1,2,ST	Gas	(PDB)	2x63+1x68	194	194	120	120	120	120				
105	Bhola Agreeko 95 MW	Gas	(QRPP)		95	95	22	96	95	95				
	Barishal Zone Total				**472**	**462**	**184**	**364**	**358**	**379**	**0**	**0**		
106	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	21.09.18
107	Baghabari Peaking	HFO	(PDB)	6x8.9	52	52	0	50	50	50				
108	Bera Peaking	HFO	(PDB)	9x8.29	71	71	0	42	42	42				
109	Amnura	HFO	(QRPP)	7x7.79	50	50	18	50	50	50				
110	Chapainawabganj-100 MW	HFO	(PDB)	12x8.924	104	104	25	75	100	100				
111	Katakhali Peaking	HFO	(PDB)	6x8.7	50	50	0	46	45	45				
112	Katakhali (Northern)	HFO	(QRPP)	6x8.9	50	50	25	50	50	50				
113	Santahar Peaking	HFO	(PDB)	6x8.7	50	50	0	34	34	34				
114	Sirajganj CCPP 1	Gas	(NWPGCL)	1x150+1x75	210	210	192	215	215	215				
115	Sirajganj CCPP 2	HSD	(NWPGCL)	1x150 + 1x75	220	220	130	220	220	220				
	Sirajgonj Unit-3 225MW	Gas	(NWPGCL)				125	132	0	0			On Test	
116	Bogura (GBB)	Gas	(RPP)	6x4.0	22	22	22	22	22	22				
117	Bogura (Engergyprima)	Gas	(RPP)	5x3.3+5x2.0	20	10	10	10	10	10				
118	Ullapara (Summit)	Gas	(SIPP, REB)	4x2.90	11	11	11	11	11	11				
119	Rajlanka 52 MW	HFO	(IPP)	6x8.92	52	52	16	43	52	52				
	Rajshahi Zone Total				**1133**	**1123**	**574**	**1000**	**901**	**901**	**71**	**100**		
120	a) Barapukuria ST:Unit -1	Coal	(PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	15.09.18
	b) Barapukuria ST:Unit - 2	Coal	(PDB)	1 x 125	125	85	0	60	61	61	25		Coal Shortage	
121	Barapukuria ST:Unit - 3	Coal	(PDB)	2 x 274	274	274	0	0	0	0	274		Coal Shortage	
122	Rangpur GT	HSD	(PDB)	1 x 20	20	20	0	15	15	15				
123	Syedpur GT	HSD	(PDB)	1 x 20	20	20	0	18	18	18				
	Rangpur Zone Total				**564**	**484**	**0**	**93**	**94**	**94**	**299**	**85**		
	Sub-total: Plants in operation				**16402**	**15859**	**6645**	**9064**	**12644**	**13058**	**1309**	**290**		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							**6171**	**8418**	**11743**	**12127**				
	Gross Total				**16402**	**15859**	**6645**	**9064**	**12644**	**13058**	**1309**	**290**		

(B) Actual data of 21.08.18 (Yesterday) Tuesday :

01.	Max. Demand (Generation end)	:	9064.00	MW, at =	21:00 hrs	
02.	Max. Demand (Sub-station end)	:	8418.00	MW, at =	21:00 hrs	
03.	Highest Generation (Generation end)	:	9088.00	MW, at =	22:00 hrs	
04.	Minimum Generation (Generation end)	:	6169.00	MW, at =	9:00 hrs	
05.	Day-peak Generation (Generation end)	:	6644.90	MW, at =	12:00 hrs	
06.	Evening-peak Generation (Generation end)	:	9064.00	MW, at =	21:00 hrs	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	21:00 hrs	
08.	Generation shortfall at evening peak due to :					
	a) Gas limitation	:	1010	MW		
	b) Low water level in Kaptai lake	:	0	MW		
	c) Plants under shut down/ maintenance	:	290	MW		
09.	Total Energy (Generation + India Import)	:	184.55	MKWh		
	By Gas = 134.02 MKWH		By Oil = 30.79 MKWh			
	By Coal = 1.00 MKWH		By Hydro = 4.13 MKWh			
10.	Total Gas Supplied	:	1108.40	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	2506	2506	0	Mymensingh	717	717	0
Chattogram	769	769	0	Sylhet	418	418	0
Khulna	1209	1209	0	Barishal	268	268	0
Rajshahi	1033	1033	0	Rangpur	531	531	0
Cumilla	967	967	0	Total	8418	8418	0

12. Fuel cost : (a) Gas = 93633942 Taka (c) Coal = 6092071 Taka
(b) Oil = 340301465 Taka Total = 440027478 Taka

13. Maximum Temperature in Dhaka was : 33.2° C

14. Export through East-West interconnections :
At evening peak-hour : -680 MW, at 21:00 hrs
Maximum : -820 MW, at 19:00 hrs
Energy : 10.0450 MKWh

(C) Forecast of 22.08.18 (Today) Wednesday :

01.	Maximum Demand	:	8800	MW	(Generation end)	04.	Maximum Load-shed : 0	MW	At evening peak (Sub-station end)
02.	Maximum Generation	:	13058	MW	(Generation end)	05.	Total Generation : 178.70	MKWh	
03.	Maximum Shortage	:	-4258	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 34.7° C		

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation