Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: August, 2018 | Day : **Friday** | Date : **24.08.18**

Probable Maximum Demand : 9500 MW | **Probable Maximum Generation :** 12656 MW

Water Level of Kaptai Lake at 06:00 AM | Yesterday = **105.98** ft | Today = **105.90** ft. | Rule Curve = **96.04** ft.

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	23.08.18 (Yesterday) Actual Peak Generation (MW)		24.08.18 (Today) Probable Peak Generation (MW)		23.08.18 (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	300	365	300	365				
3	Ghorashal (Regent)	Gas	(IPP)	34x3.35	108	108	16	50	50	50				
4	Ghorasal 78.5MW (Max)	Gas	(QRPP)	2x40	78	78	20	20	20	20				
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	0	0	0	0	40		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	322	354	360	360				
9	Meghnaghat CCPP	Gas	(IPP)	2x140+1x170	450	450	380	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	356	348	412	412				
12	Shiddirganj GT:Unit-1&2	Gas	(EGCB)	2 x 105	210	210	202	160	210	210	50		Gas Shortage	
13	Siddhirganj CCPP-335 MW GT	Gas	(EGCB)	1 x 217	217	217	130	216	180	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	19	22	22	22				
24	Summit Power,(Madhabdi+Ashulia)	Gas	(SIPP, REB)	6x3.67+7x8.73	80	80	35	35	35	35				
25	Summit Power, Maona	Gas	(SIPP, REB)	4x8.73	33	33	25	20	33	33				
26	Summit Power, Rupganj	Gas	(SIPP, REB)	4x8.73	33	33	7	14	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	0	149	149				
29	Kathpotti 52 MW	HFO	(IPP)	7x7.90	51	51	6	40	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	15	100	300	300				
32	Summit Kodda 149MW	HFO	(IPP)	8x18.415+1x8.97	149	149	15	65	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	36	36	55	55				
37	Northern 55 MW	HFO	(IPP)	3x19.3	55	55	0	18	55	55				
38	Bosila 108 MW (CLC)	HFO	(IPP)	12x8.775+1x3.5	108	108	0	0	8	8				
	Dhaka Zone Total				**6084**	**5848**	**2194**	**2692**	**4866**	**4968**	**525**	**105**		
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro	(PDB)	2x40, 3x50	230	230	186	191	190	190				
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	8	16	16	16				
42	Patenga 50MW (Barakatullah)	HFO	(IPP)	8x6.89	50	50	6	29	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	50	135	135				
45	Sikalbaha 225 MW CCPP (Dual Fuel)	HSD	(PDB)	1 x 150+1 x 75	225	225	196	199	200	225				
46	Sikalbaha (Energis)	HFO	(RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	8	40	40	40				
47	Julda (Acorn)	HFO	(QRPP)	8x13.45	100	100	82	100	100	100				
48	Dohazari-Kalaish Peaking	HFO	(PDB)	6x17.0	102	102	0	34	50	50				
49	Hathazari Peaking	HFO	(PDB)	11x8.9	98	98	0	72	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			36	2	30	35				
51	Chittagong (ECPV)	HFO	(IPP)	16x7.00	108	108	12	92	92	92				
	Chattogram Zone Total				**1641**	**1561**	**603**	**844**	**992**	**1022**	**400**	**0**		
52	a) Ashuganj ST:Unit-3	Gas	(APSCL)	1 x 150	150	135	90	120	120	120				
	b) Ashuganj ST:Unit-4	Gas	(APSCL)	1 x 150	150	129	70	70	100	100				
	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	42	42	42	42				
54	Ashuganj CCPP 225 MW	Gas	(APSCL)	1×142+1*75	221	221	212	181	225	225				
55	Ashuganj CCPP(South)	Gas	(APSCL)	1x360	360	360	312	305	360	360				
56	Ashuganj CCPP(North)	Gas	(APSCL)	1x361	360	360	360	360	360	360				
57	Ashuganj (Precision)	Gas	(RPP)	15*4	55	55	10	20	20	20				
58	Ashuganj (United)	Gas	(QRPP)	14x4.00	53	53	5	53	53	53				
59	Ashuganj Modular 195 MW	Gas	(IPP)	20*9.73+1*16	195	195	16	63	65	65				
60	Ashuganj (Midland)	Gas	(IPP)	6x9.34	51	51	6	35	35	35				
61	Brahmanbaria (Aggreko)	Gas	(QRPP)	86x1.10	85	85	11	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	21	21	21	21				
69	Daudkandi 200 MW	HSD	(IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	200	200				
**	Tripura		India		160	160	118	128	122	165				
	Cumilla Zone Total				**2601**	**2541**	**1404**	**1639**	**2016**	**2109**	**0**	**0**		
70	RPCL CCPP	Gas	(IPP)	4x35+1x70	210	202	195	167	170	170	35		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	47	16	95	95				
73	Mymensingh 200MW (United)	HFO	(IPP)	21x9.780	200	200	0	170	170	170				
74	Sarishabari Solar Plant	Solar	(IPP)	12x8.924	3	3	2.4	0	2	0				
	Mymensing Zone Total				**530**	**522**	**266.4**	**375**	**459**	**457**	**35**	**0**		

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	23.08.18 (Yesterday) Actual Peak Generation (MW)		24.08.18 (Today) Probable Peak Generation (MW)		23.08.18 (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
75	Fenchuganj CCPP-1	Gas	(PDB)	2x32+1x33	97	70	59	40	40	40				
76	Fenchuganj CCPP-2	Gas	(PDB)	2x35+1x35	104	90	61	60	60	60				
77	Fenchuganj (Barakatullah)	Gas	(RPP)	19x2.90	51	51	11	31	31	31				
78	Fenchuganj (Energyprima)	Gas	(RPP)	12x3.3+5x2.0	44	44	50	50	44	44				
79	Kushiara 163 MW CCPP	Gas	(IPP)	1x109+1x54	163	163	100	100	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	50	66	66				
82	Shahjibazar 330 MW CCPP	Gas	(PDB)	2x110+2x110	330	330	0	0	0	0				
83	Shajibazar (Shajibazar)	Gas	(RPP)	32x2.90	86	86	10	90	86	86				
84	Shajibazar (Energyprima)	Gas	(RPP)	27x2.0	50	50	10	47	47	47				
85	Sylhet 150MW GT	Gas	(PDB)	1x142	142	142	70	69	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	7	10	44	44				
88	Sylhet (Desh)	Gas	(RPP)	6x1.95	10	10	9	9	9	9				
89	Shahjahanulla 25MW	Gas	(CIPP, REB)	3x9.34	25	25	21	22	22	22				
90	Summit Bibiana- 2	Gas	(IPP)	1x222+1x119	341	341	320	270	341	341				
	Sylhet Zone Total				**1594**	**1549**	**800**	**859**	**1113**	**1113**	**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	370	415	410	410				
93	Faridpur Peaking	HFO	(PDB)	8x6.98	54	54	0	29	0	40				
94	Gopalganj Peaking	HFO	(PDB)	16x6.98	109	109	0	85	40	85				
95	Khulna CCPP	HSD	(NWPGCL)	1 x 150+1x75	230	230	0	0	225	225				
96	Khulna (KPCL-I)	HFO	(IPP)	19x6.5	110	110	10	94	94	94				
97	Khulna (KPCL-II)	HFO	(QRPP)	7x17	115	115	16	66	99	99				
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	92	92	92				
100	Noapara (Khanjahan Ali)	HFO	(QRPP)	5x8.5	40	40	8	32	40	40				
**	Bheramara HVDC Interconnector		India		500	500	486	485	491	491				
	Khulna Zone Total				**1783**	**1769**	**890**	**1298**	**1491**	**1624**	**0**	**0**		
101	Barisal GT :Unit -1, 2	HSD	(PDB)	2 x 20	40	30	0	0	0	20				
102	Summit Barisal 110 MW	HFO	(IPP)	7 x 17.076	110	110	32	110	110	110				
103	Bhola (Venture)	Gas	(RPP)	1x34.50	33	33	26	39	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	97	95	95	95				
	Barishal Zone Total				**472**	**462**	**275**	**364**	**358**	**378**	**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	48	48	48				
109	Amnura	HFO	(QRPP)	7x7.79	50	50	12	50	50	50				
110	Chapainawabganj-100 MW	HFO	(PDB)	12x8.924	104	104	25	100	100	100				
111	Katakhali Peaking	HFO	(PDB)	6x8.7	50	50	0	47	47	47				
112	Katakhali (Northern)	HFO	(QRPP)	6x8.9	50	50	8	43	43	43				
113	Santahar Peaking	HFO	(PDB)	6x8.7	50	50	0	34	34	34				
114	Sirajganj CCPP 1	Gas	(NWPGCL)	1x150+1x75	210	210	197	205	215	215				
115	Sirajganj CCPP 2	HSD	(NWPGCL)	1x150 + 1x75	220	220	191	220	220	220				
	Sirajgonj Unit-3 225MW	Gas	(NWPGCL)				0	0	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	20	10	10	10				
118	Ullapara (Summit)	Gas	(SIPP, REB)	4x2.90	11	11	8	11	11	11				
119	Rajlanka 52 MW	HFO	(IPP)	6x8.92	52	52	25	42	42	42				
	Rajshahi Zone Total				**1133**	**1123**	**508**	**882**	**892**	**892**	**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	59	52	58	58	33		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	17	17	17				
123	Syedpur GT	HSD	(PDB)	1 x 20	20	20	0	18	18	18				
	Rangpur Zone Total				**564**	**484**	**59**	**87**	**93**	**93**	**307**	**85**		
	Sub-total: Plants in operation				**16402**	**15859**	**6999**	**9040**	**12280**	**12656**	**1338**	**290**		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							**6598**	**8521**	**11575**	**11929**				
	Gross Total				**16402**	**15859**	**6999**	**9040**	**12280**	**12656**	**1338**	**290**		

(B) Actual data of 23.08.18 (Yesterday) Thursday :

01.	Max. Demand (Generation end)	:	9040.00	MW, at =	20:00 hrs
02.	Max. Demand (Sub-station end)	:	8521.00	MW, at =	20:00 hrs
03.	Highest Generation (Generation end)	:	9040.00	MW, at =	20:00 hrs
04.	Minimum Generation (Generation end)	:	6630.90	MW, at =	9:00 hrs
05.	Day-peak Generation (Generation end)	:	6999.40	MW, at =	12:00 hrs
06.	Evening-peak Generation (Generation end)	:	9040.00	MW, at =	20:00 hrs
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	20:00 hrs
08.	Generation shortfall at evening peak due to :				
	a) Gas limitation	:	1031	MW	
	b) Low water level in Kaptai lake	:	0	MW	
	c) Plants under shut down/ maintenance	:	290	MW	
09.	Total Energy (Generation + India Import)	:	184.88	MKWh	
	By Gas = 137.68 MKWH		By Oil = 26.94 MKWh		
	By Coal = 1.39 MKWH		By Hydro = 4.38 MKWh		
10.	Total Gas Supplied	:	1125.17	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	2519	2519	0	Mymensingh	717	717	0
Chattogram	775	775	0	Sylhet	443	443	0
Khulna	1223	1223	0	Barishal	265	265	0
Rajshahi	1044	1044	0	Rangpur	543	543	0
Cumilla	992	992	0	Total	8521	8521	0

12.	Fuel cost :	(a) Gas =	97913167	Taka	(c) Coal =	8407059 Taka
		(b) Oil =	264389911	Taka	Total =	370710138 Taka

13.	Maximum Temperature in Dhaka was :		34.5° C	
14.	Export through East-West interconnections :			
	At evening peak-hour	:	-700 MW, at	20:00 hrs
	Maximum	:	-730 MW, at	21:00 hrs
	Energy	:	10.8345 MKWh	

(C) Forecast of 24.08.18 (Today) Friday :

01.	Maximum Demand	:	9500	MW	(Generation end)	04.	Maximum Load-shed	:	0 MW	At evening peak (Sub-station end)
02.	Maximum Generation	:	12656	MW	(Generation end)	05.	Total Generation	:	194.28 MKWh	
03.	Maximum Shortage	:	-3156	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :		33.4° C	

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation