Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: August, 2018 | Day : **Wednesday** | Date : **08.08.18**

Probable Maximum Demand : 11500 MW | **Probable Maximum Generation :** 12157 MW

Water Level of Kaptai Lake at 06:00 AM | Yesterday = **104.14** ft | Today = **104.58** ft. | Rule Curve = **91.24** ft.

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	07.08.18 (Yesterday) Actual Peak Generation (MW)		08.08.18 (Today) Probable Peak Generation (MW)		07.08.18 (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	35	35	35				
	b) Ghorasal ST:Unit -2	Gas	(PDB)	1 x 55	55	45	0	30	30	30				
	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	0	0	0	0	190		Gas Shortage	
2	Ghorasal CCPP:Unit-7	Gas	(PDB)	1x 254+1x 126	365	365	365	365	365	365				
3	Ghorashal (Regent)	Gas	(IPP)	34x3.35	108	108	42	22	22	22				
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	14.08.18
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	0	80	110	110				
8	Horipur Power CCPP	Gas	(IPP)	1x235+1x125	360	360	253	248	360	360	112		Gas Shortage	
9	Meghnaghat CCPP	Gas	(IPP)	2x140+1x170	450	450	370	360	350	350				
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	349	400	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	218	218	217	217				
14	Siddirganj (Desh)	HSD	(QRPP)	96x1.2	100	100	0	17	100	100				
15	Siddirganj (Dutch Bangla)	HFO	(QRPP)	12x8.9	100	100	7	90	100	100				
16	Pagla (DPA)	HSD	(QRPP)	100x0.5	50	50	20	10	50	50				
17	Meghnaghat CCPP (Summit)	HSD	(IPP)	2x110+1x110	305	305	200	200	305	305				
18	Meghnaghat (IEL)	HFO	(QRPP)	12x8.9	100	100	7	100	100	100				
19	Madanganj (Summit)	HFO	(QRPP)	6x17	102	100	65	65	81	81				
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	10	74	100	100				
22	Gagnagar (Orion)	HFO	(IPP)	12x8.924	102	102	7	102	102	102				
23	Narshingdi (Doreen)	Gas	(SIPP, REB)	8x2.90	22	22	0	22	22	22				
24	Summit Power,(Madhabdi+Ashulia)	Gas	(SIPP, REB)	6x3.67+7x8.73	80	80	57	56	57	57				
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	9	33	33	33				
27	Gazipur (RPCL)	HFO	(RPCL)	6x8.90	52	52	43	52	52	52				
28	Kodda 150MW Power Plant	HFO	(BPDB-RPCL)	9x17.06	149	149	84	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	148	278	300	300				
32	Summit Kodda 149MW	HFO	(IPP)	8x18.415+1x8.97	149	149	80	135	150	150				
	APR Energy , Keranigonj	HSD	(IPP)				310	301	310	310			On Test	
33	Bramhangoan 100MW (Aggreco)	HSD	(IPP)	23x0.85+91x.959	100	100	0	10	100	100				
34	Aourahati 100MW (Aggreco)	HSD	(IPP)	23x0.85+91x.959	100	100	0	11	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	56	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**	**3084**	**3903**	**4552**	**4552**	**897**	**105**		
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro	(PDB)	2x40, 3x50	230	230	140	175	178	178				
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	16	16	16				
41	Patenga 50MW (Barakatullah)	HFO	(IPP)	8x6.89	50	50	25	38	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	130	135	135	135				
44	Sikalbaha 225 MW CCPP (Dual Fuel)	HSD	(PDB)	1 x 150+1 x 75	225	225	230	227	225	225				
45	Sikalbaha (Energis)	HFO	(RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	50	50	50	50				
46	Julda (Acorn)	HFO	(QRPP)	8x13.45	100	100	80	90	90	90				
47	Dohazari-Kalaish Peaking	HFO	(PDB)	6x17.0	102	102	26	47	51	51				
48	Hathazari Peaking	HFO	(PDB)	11x8.9	98	98	0	33	33	33				
49	Barabkunda (Regent)	Gas	(SIPP, PDB)	8x2.90	22	22	19	19	19	19				
*	Malancha, Ctg.EPZ (United)	Gas		5x8.73+3x9.34			3	12	8	12				
50	Chittagong (ECPV)	HFO	(IPP)	16x7.00	108	108	89	100	100	100				
	Chattogram Zone Total				**1641**	**1561**	**808**	**942**	**950**	**954**	**400**	**0**		
51	a) Ashuganj ST:Unit-3	Gas	(APSCL)	1 x 150	150	135	80	80	80	80				
	b) Ashuganj ST:Unit-4	Gas	(APSCL)	1 x 150	150	129	0	0	0	0				
	c) Ashuganj ST:Unit-5	Gas	(APSCL)	1 x 150	150	134	80	80	80	80				
52	Ashuganj Engines	Gas	(APSCL)	14x3.968	53	45	25	43	43	43				
53	Ashuganj CCPP 225 MW	Gas	(APSCL)	1×142+1*75	221	221	169	210	225	225				
54	Ashuganj CCPP(South)	Gas	(APSCL)	1x360	360	360	360	255	360	360				
55	Ashuganj CCPP(North)	Gas	(APSCL)	1x361	360	360	300	300	360	360				
56	Ashuganj (Precision)	Gas	(RPP)	15*4	55	55	0	0	0	0				
57	Ashuganj (United)	Gas	(QRPP)	14x4.00	53	53	5	5	5	5				
58	Ashuganj Modular 195 MW	Gas	(IPP)	20*9.73+1*16	195	195	68	68	73	73				
59	Ashuganj (Midland)	Gas	(IPP)	6x9.34	51	51	45	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	50	0	50				
62	Chandpur CCPP	Gas	(PDB)	1X106+1x57	163	163	100	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	11	11	11				
65	Jangalia (Summit)	Gas	(SIPP, PDB)	4x8.73	33	33	33	33	33	33				
66	Jangalia (Lakdanavi)	HFO	(IPP)	6x8.92	52	52	0	0	52	52				
67	Summit Power, Comilla	Gas	(SIPP, REB)	3x3.67+2x6.97	25	25	21	21	22	22				
68	Daudkandi 200 MW	HSD	(IPP)	9x1.4+40x1.515+15x1.05	200	200	0	50	200	200				
**	Tripura		India		160	160	128	172	109	176				
	Cumilla Zone Total				**2601**	**2541**	**1526**	**1630**	**1905**	**2022**	**0**	**0**		
69	RPCL CCPP	Gas	(IPP)	4x35+1x70	210	202	42	18	85	85	184		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	32	91	90	90				
72	Mymensingh 200MW (United)	HFO	(IPP)	21x9.780	200	200	55	152	100	152				
73	Sarishabari Solar Plant	Solar	(IPP)	12x8.924	3	3	0	0	2	0				
	Mymensing Zone Total				**530**	**522**	**151**	**283**	**299**	**349**	**184**	**0**		

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	07.08.18 (Yesterday) Actual Peak Generation (MW)		08.08.18 (Today) Probable Peak Generation (MW)		07.08.18 (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	70	69	69	69				
75	Fenchuganj CCPP-2	Gas	(PDB)	2x35+1x35	104	90	60	61	60	60				
76	Fenchuganj (Barakatullah)	Gas	(RPP)	19x2.90	51	51	47	52	50	50				
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	0	0	0	0		163	Under Maintenance	09.08.18
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	30	30	66	66				
81	Shahjibazar 330 MW CCPP	Gas	(PDB)	2x110+2x110	330	330	325	302	330	330				
82	Shajibazar (Shajibazar)	Gas	(RPP)	32x2.90	86	86	84	86	86	86				
83	Shajibazar (Energyprima)	Gas	(RPP)	27x2.0	50	50	46	47	47	47				
84	Sylhet 150MW GT	Gas	(PDB)	1x142	142	142	98	128	130	130				
85	Sylhet 20MW GT	Gas	(PDB)	1 x 20	20	20	18	18	19	19				
86	Sylhet (Enegyprima)	Gas	(RPP)	27x2.0	50	50	41	48	48	48				
87	Sylhet (Desh)	Gas	(RPP)	6x1.95	10	10	6	5	8	8				
88	Shahjahanulla 25MW	Gas	(CIPP, REB)	3x9.34	25	25	16	22	23	23				
89	Summit Bibiana- 2	Gas	(IPP)	1x222+1x119	341	341	275	270	341	341				
	Sylhet Zone Total				**1594**	**1549**	**1174**	**1199**	**1338**	**1338**	**0**	**163**		
90	Bheramara GT: Unit-1,2,3	HSD	(PDB)	3 x 20	60	46	0	42	0	42				
91	Bheramara 360 MW CCPP	Gas	(NWPGCL)	1 x 278+1 x 132	410	410	410	413	410	410				
92	Faridpur Peaking	HFO	(PDB)	8x6.98	54	54	0	42	42	42				
93	Gopalganj Peaking	HFO	(PDB)	16x6.98	109	109	0	68	80	80				
94	Khulna CCPP	HSD	(NWPGCL)	1 x 150+1x75	230	230	40	0	0	0				
95	Khulna (KPCL-I)	HFO	(IPP)	19x6.5	110	110	10	97	60	100				
96	Khulna (KPCL-II)	HFO	(QRPP)	7x17	115	115	16	99	115	115				
97	Khulna (Aggreko) 55MW	HSD	(QRPP)	71x0.85	55	55	0	54	0	54				
98	Bangla Trac (Noapara)	HSD	(IPP)	70x1.4+7x1.515	100	100	0	96	100	100				
99	Noapara (Khanjahan Ali)	HFO	(QRPP)	5x8.5	40	40	16	40	40	40				
**	Bheramara HVDC Interconnector		India		500	500	491	491	496	496				
	Khulna Zone Total				**1783**	**1769**	**983**	**1442**	**1343**	**1479**	**0**	**0**		
100	Barisal GT :Unit -1, 2	HSD	(PDB)	2 x 20	40	30	0	12	0	30				
101	Summit Barisal 110 MW	HFO	(IPP)	7 x 17.076	110	110	16	110	110	110				
102	Bhola (Venture)	Gas	(RPP)	1x34.50	33	33	17	35	33	33				
103	Bhola CCPP GT-1,2,ST	Gas	(PDB)	2x63+1x68	194	194	144	140	150	150				
104	Bhola Agreeko 95 MW	Gas	(QRPP)		95	95	94	96	95	95				
	Barishal Zone Total				**472**	**462**	**271**	**393**	**388**	**418**	**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	13.08.18
106	Baghabari Peaking	HFO	(PDB)	6x8.9	52	52	0	43	0	43				
107	Bera Peaking	HFO	(PDB)	9x8.29	71	71	0	32	0	32				
108	Amnura	HFO	(QRPP)	7x7.79	50	50	40	50	50	50				
109	Chapainawabganj-100 MW	HFO	(PDB)	12x8.924	104	104	25	100	0	90				
110	Katakhali Peaking	HFO	(PDB)	6x8.7	50	50	0	47	47	47				
111	Katakhali (Northern)	HFO	(QRPP)	6x8.9	50	50	35	43	43	43				
112	Santahar Peaking	HFO	(PDB)	6x8.7	50	50	0	41	41	41				
113	Sirajganj CCPP 1	Gas	(NWPGCL)	1x150+1x75	210	210	184	219	210	210				
114	Sirajganj CCPP 2	HSD	(NWPGCL)	1x150 + 1x75	220	220	135	220	210	210				
	Sirajgonj Unit-3 225MW	Gas	(NWPGCL)				149	154	154	154			On Test	
115	Bogura (GBB)	Gas	(RPP)	6x4.0	22	22	18	18	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	8	11	11	11				
118	Rajlanka 52 MW	HFO	(IPP)	6x8.92	52	52	51	51	52	52				
	Rajshahi Zone Total				**1133**	**1123**	**655**	**1039**	**846**	**1011**	**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	16	14	16				
122	Syedpur GT	HSD	(PDB)	1 x 20	20	20	0	15	18	18				
	Rangpur Zone Total				**564**	**484**	**0**	**31**	**32**	**34**	**359**	**85**		
	Sub-total: Plants in operation				**16102**	**15559**	**8652**	**10862**	**11653**	**12157**	**1911**	**453**		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							**8258**	**10367**	**11122**	**11603**				
	Gross Total				**16102**	**15559**	**8652**	**10862**	**11653**	**12157**	**1911**	**453**		

(B)	Actual data of 07.08.18 (Yesterday) Tuesday :													
01.	Max. Demand (Generation end)	:	10862.00	MW, at =	21:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	10367.00	MW, at =	21:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	10862.00	MW, at =	21:00 hrs								
04.	Minimum Generation (Generation end)	:	7440.60	MW, at =	8:00 hrs	Dhaka	3927	3927	0	Mymensingh	735	735	0
05.	Day-peak Generation (Generation end)	:	8652.00	MW, at =	12:00 hrs	Chattogram	1083	1083	0	Sylhet	467	467	0
06.	Evening-peak Generation (Generation end)	:	10862.00	MW, at =	21:00 hrs	Khulna	1294	1294	0	Barishal	275	275	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	21:00 hrs	Rajshahi	1025	1025	0	Rangpur	530	530	0
08.	Generation shortfall at evening peak due to :					Cumilla	1031	1031	0	Total	10367	10367	0
	a) Gas limitation	:	1552	MW		12.	Fuel cost :	(a) Gas =	89116215	Taka	(c) Coal =	0	Taka
	b) Low water level in Kaptai lake	:	0	MW				(b) Oil =	763991062	Taka	Total =	853107277	Taka
	c) Plants under shut down/ maintenance	:	453	MW		13.	Maximum Temperature in Dhaka was :		33.6° C				
09.	Total Energy (Generation + India Import)	:	218.36	MKWh		14.	Export through East-West interconnections :						
	By Gas = 130.23 MKWH		By Oil = 69.74 MKWh				At evening peak-hour	:	-410	MW, at	21:00 hrs		
	By Coal = 0.00 MKWH		By Hydro = 3.43 MKWh				Maximum	:	-540	MW, at	4:00 hrs		
10.	Total Gas Supplied	:	1109.11	MMCFD			Energy	:	4.9440	MKWh			

(C)	Forecast of 08.08.18 (Today) Wednesday :								
01.	Maximum Demand	:	11500	MW	(Generation end)	04.	Maximum Load-shed	:	0 MW At evening peak (Sub-station end)
02.	Maximum Generation	:	12157	MW	(Generation end)	05.	Total Generation	:	231.19 MKWh
03.	Maximum Shortage	:	-657	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :		35° C

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation