Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month April, 2019 | Day : **Tuesday** | Date : **23.04.19**

Probable Maximum Demand : **11600** MW | **Probable Maximum Generation :** **14415** MW

Water Level of Kaptai Lake at 06:00 AM Yesterday = **80.22** ft Today = **79.56** ft. Rule Curve = **83.80** ft.

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	22.04.19 (Yesterday) Actual Peak Generation (MW)		23.04.19 (Today) Probable Peak Generation (MW)		22.04.19 (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	**0**	**0**	**0**	**0**				
	b) Ghorasal ST:Unit -2	Gas	(PDB)	1 x 55	55	45	**36**	**36**	**36**	**36**				
	c) Ghorasal: Unit-3 (Repowering) GT	Gas	(PDB)	1 x 210	210	170	**114**	**134**	**120**	**130**			On Test	
	d) Ghorasal Unit-4 (repowering project)	Gas	(PDB)	1 x 210	210	180	**100**	**150**	**120**	**150**			On Test	
	(e) Ghorasal ST:Unit-5	Gas	(PDB)	1 x 210	210	190	**110**	**110**	**110**	**110**	**80**		Gas Shortage	
2	Ghorasal CCPP:Unit-7	Gas	(PDB)	1x 254+1x 126	365	365	**340**	**350**	**300**	**350**				
3	Ghorashal (Regent)	Gas	(IPP)	34x3.35	108	108	**103**	**110**	**110**	**110**				
4	Ghorasal 78.5MW (Max)	Gas	(QRPP)	2x40	78	78	**0**	**0**	**0**	**0**				
5	Tongi GT	Gas	(PDB)	1 x 105	105	105	**0**	**0**	**0**	**0**	**105**		Gas Shortage	
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	**343**	**356**	**360**	**360**				
9	Meghnaghat CCPP	Gas	(IPP)	2x140+1x170	450	450	**360**	**400**	**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	**15**	**325**	**412**	**412**				
12	Shiddirganj GT:Unit-1&2	Gas	(EGCB)	2 x 105	210	210	**120**	**150**	**0**	**80**	**60**		Gas Shortage	
13	Siddhirganj CCPP-335 MW GT	Gas	(EGCB)	1 x 217	217	217	**0**	**224**	**217**	**217**				
14	Siddirganj (Desh)	HSD	(QRPP)	96x1.2	100	100	**0**	**0**	**0**	**0**				
15	Siddirganj (Dutch Bangla)	HFO	(QRPP)	12x8.9	100	100	**0**	**0**	**100**	**100**				
16	Meghnaghat CCPP (Summit)	GAS/HSD	(IPP)	2x110+1x110	305	305	**285**	**260**	**335**	**335**				
17	Meghnaghat (IEL)	HFO	(QRPP)	12x8.9	100	100	**0**	**0**	**100**	**100**				
18	Madanganj (Summit)	HFO	(QRPP)	6x17	102	100	**0**	**0**	**100**	**100**				
19	Madanganj-55 MW	HFO	(IPP)	5x17.08+1x11.3	55	55	**0**	**15**	**55**	**55**				
20	Keranigonj (Powerpac)	HFO	(QRPP)	8x13.45	100	100	**0**	**0**	**100**	**100**				
21	Gagnagar (Orion)	HFO	(IPP)	12x8.924	102	102	**0**	**7**	**102**	**102**				
22	Narshingdi (Doreen)	Gas	(SIPP, REB)	8x2.90	22	22	**16**	**19**	**22**	**22**				
23	Summit Power,(Madhabdi+Ashulia)	Gas	(SIPP, REB)	6x3.67+7x8.73	80	80	**43**	**44**	**57**	**57**				
24	Summit Power, Maona	Gas	(SIPP, REB)	4x8.73	33	33	**33**	**33**	**33**	**33**				
25	Summit Power, Rupganj	Gas	(SIPP, REB)	4x8.73	33	33	**29**	**33**	**33**	**33**				
26	Gazipur (RPCL)	HFO	(RPCL)	6x8.90	52	52	**0**	**51**	**51**	**51**				
	Gazipur 100 MW	HFO	(RPCL)				**109**	**109**	**100**	**100**			On Test	
27	Kodda 150MW Power Plant	HFO	(BPDB-RPCL)	9x17.06	149	149	**0**	**98**	**149**	**149**				
28	Kathpotti 52 MW	HFO	(IPP)	7x7.90	51	51	**0**	**49**	**0**	**50**				
29	Kamalaghat Munshiganj (Banco Energy)	HFO	(IPP)	3x18.69	54	54	**0**	**17**	**54**	**54**				
30	Summit Gazipur-2	HFO	(IPP)	18x17.076	300	300	**0**	**0**	**300**	**300**				
31	Summit Kodda 149MW	HFO	(IPP)	8x18.415+1x8.97	149	149	**0**	**34**	**149**	**149**				
32	APR Energy , Keranigonj	HSD	(IPP)	256x1.4	300	300	**0**	**0**	**300**	**300**				
33	Bramhangoan 100MW (Aggreco)	HSD	(IPP)	23x0.85+91x.959	100	100	**0**	**0**	**100**	**100**				
34	Aourahati 100MW (Aggreco)	HSD	(IPP)	23x0.85+91x.959	100	100	**0**	**0**	**100**	**100**				
35	Southern Power	HFO	(IPP)	3x19.3	55	55	**17**	**35**	**55**	**55**				
36	Northern 55 MW	HFO	(IPP)	3x19.3	55	55	**18**	**37**	**55**	**55**				
37	Bosila 108 MW (CLC)	HFO	(IPP)	12x8.775+1x3.5	108	108	**0**	**0**	**54**	**54**				
	Dhaka Zone Total				**6034**	**5798**	**2191**	**3186**	**4849**	**5069**	**400**	**0**		
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro	(PDB)	2x40, 3x50	230	230	**80**	**107**	**110**	**110**	**123**		Water Level Low	
39	a) Chattogram ST:Unit -1	Gas	(PDB)	1 x 210	210	180	**110**	**110**	**110**	**110**	**70**		Gas Shortage	
	b) Chattogram ST:Unit -2	Gas	(PDB)	1 x 210	210	180	**120**	**120**	**120**	**120**	**60**		Gas Shortage	
40	Raozan 25 MW (RPCL)	HFO	(RPCL)	3x8.9	25	25	**18**	**25**	**25**	**25**				
41	Teknaf Solartech 20MW	Solar	(IPP)	1x20	20	20	**19**	**0**	**20**	**0**				
42	Patenga 50MW (Barakatullah)	HFO	(IPP)	8x6.89	50	50	**26**	**33**	**35**	**35**				
43	Shikalbaha ST	Gas	(PDB)	1 x 60	60	40	**0**	**0**	**0**	**0**	**40**		Gas Shortage	
44	Shikalbaha Peaking GT	Gas	(PDB)	1 x 150	150	150	**137**	**130**	**130**	**130**				
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas	(PDB)	1 x 150+1 x 75	225	225	**0**	**0**	**200**	**225**				
46	Sikalbaha (Energis)	HFO	(RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	**32**	**41**	**41**	**41**				
47	Julda (Acorn)	HFO	(QRPP)	8x13.45	100	100	**32**	**102**	**100**	**100**				
48	Juldah (Acorn) 100 MW Unit-3	HFO	(IPP)	8x13.45	100	100	**85**	**100**	**100**	**100**				
49	Dohazari-Kalaish Peaking	HFO	(PDB)	6x17.0	102	102	**0**	**85**	**85**	**85**				
50	Hathazari Peaking	HFO	(PDB)	11x8.9	98	98	**0**	**25**	**70**	**70**				
51	Barabkunda (Regent)	Gas	(SIPP, PDB)	8x2.90	22	22	**19**	**19**	**20**	**20**				
*	Malancha, Ctg.EPZ (United)	Gas		5x8.73+3x9.34			**19**	**32**	**5**	**15**				
52	Chattogram ECPV 108 MW	HFO	(IPP)	16x7.00	108	108	**0**	**86**	**100**	**100**				
	Chattogram Zone Total				**1761**	**1681**	**697**	**1015**	**1271**	**1286**	**293**	**0**		
53	a) Ashuganj ST:Unit-3	Gas	(APSCL)	1 x 150	150	135	**0**	**0**	**0**	**0**	**135**		Gas Shortage	
	b) Ashuganj ST:Unit-4	Gas	(APSCL)	1 x 150	150	129	**0**	**0**	**0**	**0**	**129**		Gas Shortage	
	c) Ashuganj ST:Unit-5	Gas	(APSCL)	1 x 150	150	134	**80**	**80**	**80**	**80**	**54**		Gas Shortage	
54	Ashuganj Engines	Gas	(APSCL)	14x3.968	53	45	**17**	**17**	**40**	**40**				
55	Ashuganj CCPP 225 MW	Gas	(APSCL)	1×142+1*75	221	221	**206**	**192**	**220**	**220**				
56	Ashuganj CCPP(South)	Gas	(APSCL)	1x360	360	360	**300**	**300**	**360**	**360**				
57	Ashuganj CCPP(North)	Gas	(APSCL)	1x361	360	360	**300**	**300**	**360**	**360**				
58	Ashuganj (Precision)	Gas	(RPP)	15*4	55	55	**5**	**53**	**53**	**53**				
59	Ashuganj (United)	Gas	(QRPP)	14x4.00	53	53	**5**	**5**	**5**	**5**				
60	Ashuganj Modular 195 MW	Gas	(IPP)	20*9.73+1*16	195	195	**83**	**83**	**110**	**110**				
61	Ashuganj (Midland)	Gas	(IPP)	6x9.34	51	51	**5**	**45**	**45**	**45**				
62	Ashuganj 150MW Midland	HFO	(IPP)	23x7.015	150	150	**0**	**0**	**150**	**150**				
63	Brahmanbaria (Aggreko)	Gas	(QRPP)	86x1.10	85	85	**0**	**0**	**0**	**0**				
64	Titas (Daudkandi) Peaking	HFO	(PDB)	6x8.92	52	52	**0**	**0**	**0**	**50**				
65	Chandpur CCPP	Gas	(PDB)	1X106+1x57	163	163	**50**	**100**	**100**	**100**				
66	Chandpur 200MW Desh energy	HFO	(IPP)	12x18.415	200	200	**0**	**200**	**200**	**200**				
67	Feni (Doreen)	Gas	(SIPP, PDB)	8x2.90	22	22	**22**	**22**	**22**	**22**				
68	Feni, Mohipal (Doreen)	Gas	(SIPP, REB)	4x2.90	11	11	**8**	**11**	**11**	**11**				
69	Jangalia (Summit)	Gas	(SIPP, PDB)	4x8.73	33	33	**0**	**25**	**33**	**33**				
70	Jangalia (Lakdanavi)	HFO	(IPP)	6x8.92	52	52	**0**	**25**	**52**	**52**				
71	Summit Power, Cumilla	Gas	(SIPP, REB)	3x3.67+2x6.97	25	25	**18**	**21**	**21**	**21**				
72	Daudkandi 200 MW	HSD	(IPP)	9x1.4+40x1.515+15x1.05	200	200	**0**	**0**	**200**	**200**				
**	Tripura		India		160	160	**120**	**162**	**131**	**169**				
	Cumilla Zone Total				**2951**	**2891**	**1219**	**1641**	**2193**	**2281**	**318**	**0**		
73	RPCL CCPP	Gas	(IPP)	4x35+1x70	210	202	**200**	**209**	**202**	**202**				
74	Tangail (Doreen)	Gas	(SIPP, PDB)	8x2.90	22	22	**20**	**20**	**20**	**20**				
75	Jamalpur IPP	HFO	(IPP)	12x8.924	95	95	**0**	**77**	**80**	**80**				
76	Jamalpur 115MW (United)	HFO	(IPP)	12x9.87	115	115	**38**	**70**	**115**	**115**				
77	Mymensingh 200MW (United)	HFO	(IPP)	21x9.780	200	200	**0**	**100**	**200**	**200**				
78	Sarishabari Solar Plant	Solar	(IPP)	12x8.924	3	3	**2.4**	**0**	**2**	**0**				
	Mymensing Zone Total				**645**	**637**	**260.4**	**476**	**619**	**617**	**0**	**0**		

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	22.04.19 (Yesterday) Actual Peak Generation (MW) Day	Evening	23.04.19 (Today) Probable Peak Generation (MW) Day	Evening	22.04.19 (Yesterday) Gen. shortfall for : Gas/water/Coal limitation MW	Machines shut down (MW)	Status of Machines under shut-down/ Maintenance: Description/ Remarks	Probable start-up date
79	Fenchuganj CCPP-1	Gas	(PDB)	2x32+1x33	97	70	30	58	60	60				
80	Fenchuganj CCPP-2	Gas	(PDB)	2x35+1x35	104	90	67	60	60	60				
81	Fenchuganj (Barakatullah)	Gas	(RPP)	19x2.90	51	51	11	53	50	50				
82	Fenchuganj (Energyprima)	Gas	(RPP)	12x3.3+5x2.0	44	44	10	50	50	50				
83	Kushiara 163 MW CCPP	Gas	(IPP)	1x109+1x54	163	163	100	100	163	163				
84	Hobiganj (Confidence-EP)	Gas	(SIPP, REB)	4x2.90	11	11	8	11	11	11				
85	Shajibazar GT:Unit-8,9	Gas	(PDB)	2x35	70	66	62	63	66	66				
86	Shahjibazar 330 MW CCPP	Gas	(PDB)	2x110+2x110	330	330	122	123	140	140				
87	Shajibazar (Shajibazar)	Gas	(RPP)	32x2.90	86	86	10	80	85	85				
88	Shajibazar (Energyprima)	Gas	(RPP)	27x2.0	50	50	42	45	45	45				
89	Sylhet 150MW GT	Gas	(PDB)	1x142	142	142	73	70	120	120				
90	Sylhet 20MW GT	Gas	(PDB)	1 x 20	20	20	0	0	20	20				
91	Sylhet (Enegyprima)	Gas	(RPP)	27x2.0	50	50	40	42	42	42				
92	Sylhet (Desh)	Gas	(RPP)	6x1.95	10	10	0	10	10	10				
93	Shahjahanulla 25MW	Gas	(CIPP, REB)	3x9.34	25	25	16	24	25	25				
94	Summit Bibiana- 2	Gas	(IPP)	1x222+1x119	341	341	290	275	341	341				
	Bibiana- 3	Gas	(PDB)				0	0	0	0			On Test	
	Sylhet Zone Total				**1594**	**1549**	**881**	**1064**	**1288**	**1288**	**0**	**0**		
95	Bheramara GT: Unit-1,2,3	HSD	(PDB)	3 x 20	60	46	0	0	0	46				
96	Bheramara 360 MW CCPP	Gas	(NWPGCL)	1 x 278+1 x 132	410	410	0	0	0	0				
97	Faridpur Peaking	HFO	(PDB)	8x6.98	54	54	0	40	40	40				
98	Gopalganj Peaking	HFO	(PDB)	16x6.98	109	109	0	50	50	80				
99	Khulna CCPP	HSD	(NWPGCL)	1 x 150+1x75	230	230	0	0	0	0				
100	Khulna (KPCL-2)	HFO	(QRPP)	7x17	115	115	0	66	115	115				
101	Bangla Trac (Noapara)	HSD	(IPP)	70x1.4+7x1.515	100	100	0	97	100	100				
102	Noapara (Khanjahan Ali)	HFO	(QRPP)	5x8.5	40	40	0	40	40	40				
103	Labon Chora 105 MW	HFO	(IPP)	6x18.445	105	105	0	90	105	105				
	Modhumati Power Plant	HFO	(IPP)				0	91	108	108			On Test	
**	Bheramara HVDC Interconnector		India		1000	1000	745	831	862	960				
	Khulna Zone Total				**2223**	**2209**	**745**	**1305**	**1420**	**1594**	**0**	**0**		
104	Barisal GT :Unit -1, 2	HSD	(PDB)	2 x 20	40	30	0	0	0	26				
105	Summit Barisal 110 MW	HFO	(IPP)	7 x 17.076	110	110	0	48	110	110				
106	Bhola (Venture)	Gas	(RPP)	1x34.50	33	33	23	31	33	33				
107	Bhola CCPP GT-1,2,ST	Gas	(PDB)	2x63+1x68	194	194	146	178	178	178				
108	Bhola Agreeko 95 MW	Gas	(QRPP)	1.1x96	95	95	14	97	95	95				
	Barishal Zone Total				**472**	**462**	**183**	**354**	**416**	**442**	**0**	**0**		
109	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	50	70	70	70	30		Gas Shortage	
110	Baghabari Peaking	HFO	(PDB)	6x8.9	52	52	0	50	50	50				
111	Baghabari 200MW (Paramount)	HSD	(IPP)	135x1.6	200	200	0	0	0	0				
112	Bera Peaking	HFO	(PDB)	9x8.29	71	71	0	55	50	55				
113	Amnura	HFO	(QRPP)	7x7.79	50	50	0	40	40	40				
114	Chapainawabganj-100 MW	HFO	(PDB)	12x8.924	104	104	0	100	100	100				
115	Katakhali Peaking	HFO	(PDB)	6x8.7	50	50	0	0	40	44				
116	Katakhali (Northern)	HFO	(QRPP)	6x8.9	50	50	0	50	50	50				
117	Santahar Peaking	HFO	(PDB)	6x8.7	50	50	0	35	35	35				
118	Sirajganj CCPP 1	Gas	(NWPGCL)	1x150+1x75	210	210	197	186	200	200				
119	Sirajganj CCPP 2	Gas	(NWPGCL)	1x150 + 1x75	220	220	199	205	225	225				
120	Sirajgonj CCPP-3	Gas	(NWPGCL)	1x141+1x79	220	220	160	168	200	200				
121	Sirajgonj Unit-4 GT(Gas)	Gas	(IPP)	1x282	282	282	280	370	282	282				
122	Bogura (GBB)	Gas	(RPP)	6x4.0	22	22	22	22	22	22				
123	Bogura (Engergyprima)	Gas	(RPP)	5x3.3+5x2.0	20	10	14	16	17	17				
124	Ullapara (Summit)	Gas	(SIPP, REB)	4x2.90	11	11	11	11	11	11				
125	Rajlanka 52 MW	HFO	(IPP)	6x8.92	52	52	11	34	35	35				
126	Confidence Power Bagura U-2	HFO	(IPP)	6x18.55	113	113	17	17	113	113				
	Rajshahi Zone Total				**1948**	**1938**	**961**	**1429**	**1540**	**1549**	**101**	**0**		
127	a) Barapukuria ST:Unit -1	Coal	(PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	30.04.19
	b) Barapukuria ST:Unit - 2	Coal	(PDB)	1 x 125	125	85	64	69	69	69	16		Coal Shortage	
128	Barapukuria ST:Unit - 3	Coal	(PDB)	1 x 274	274	274	184	184	185	185	90		Coal Shortage	
129	Rangpur GT	HSD	(PDB)	1 x 20	20	20	0	17	17	17				
130	Syedpur GT	HSD	(PDB)	1 x 20	20	20	0	15	18	18				
	Rangpur Zone Total				**564**	484	**248**	**285**	**289**	**289**	**106**	**85**		
	Sub-total: Plants in operation				**18192**	**17649**	7385	10755	13885	14415	1218	85		
	Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6982	9818	13126	13627				
	Gross Total				**18192**	**17649**	**7385**	**10755**	**13885**	**14415**	**1218**	**85**		

(B)	Actual data of 22.04.19 (Yesterday)		Monday	:	
01.	Max. Demand (Generation end)	:	**10755.00**	MW, at =	**21:00 hrs**
02.	Max. Demand (Sub-station end)	:	**9818.00**	MW, at =	**21:00 hrs**
03.	Highest Generation (Generation end)	:	**10755.00**	MW, at =	**21:00 hrs**
04.	Minimum Generation (Generation end)	:	**6141.70**	MW, at =	**6:00 hrs**
05.	Day-peak Generation (Generation end)	:	**7385.40**	MW, at =	**12:00 hrs**
06.	Evening-peak Generation (Generation end)	:	**10755.00**	MW, at =	**21:00 hrs**
07.	Evening Peak Load-shed (Sub-station end)	:	**0.00**	MW, at =	**21:00 hrs**
08.	Actual Minimum Generation up to 8:00 hrs.	:	**7997.75**	MW	
09.	Generation shortfall at evening peak due to :	:			
	a) Gas limitation	:	**989**	MW	
	d) Coal supply Limitation	:	**106**	MW	
	b) Low water level in Kaptai lake	:	**123**	MW	
	c) Plants under shut down/ maintenance	:	**85**	MW	
10.	Total Energy (Generation + India Import)	:	**193.51**	MKWh	
	By Gas = 135.646 MKWH		By Oil =	28.301 MKWh	
	By Coal = 6.124 MKWH		By Hydro =	2.106 MKWh	
	By Solar= 0.160 MKWH				
11.	Total Gas Supplied	:	**1303.29**	MMCFD	

12. 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	**3565**	**3565**	**0**	Mymensingh	**804**	**804**	**0**
Chattogram	**1101**	**1101**	**0**	Sylhet	**382**	**382**	**0**
Khulna	**1229**	**1229**	**0**	Barishal	**258**	**258**	**0**
Rajshahi	**1229**	**1229**	**0**	Rangpur	**258**	**258**	**0**
Cumilla	**992**	**992**	**0**				
				Total	**9818**	**9818**	**0**

13.	Fuel cost :	(a) Gas = **92975763** Taka		(c) Coal = **27208342**	Taka
		(b) Oil = **237223150** Taka		Total = **120184105**	Taka
14.	Maximum Temperature in Dhaka was :	**34.5° C**			
15.	Export through East-West interconnections :				
	At evening peak-hour	:	**-260**	MW, at	**21:00 hrs**
	Maximum	:	**-280**	MW, at	**20:00 hrs**
	Energy	:	**0.9325**	MKWh	

(C)	Forecast of 23.04.19 (Today)		Tuesday	:					
01.	Maximum Demand	:	**11600**	MW	(Generation end)	04.	Maximum Load-shed :	**0**	**MW** At evening peak (Sub-station end)
02.	Maximum Generation	:	**14415**	MW	(Generation end)	05.	Total Generation :	**208.71**	**MKWh**
03.	Maximum Shortage	:	**-2815**	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	**36.5° C**	

* Captive Power ** Imported Power

#Remarks: Highest Generation 11623MW on 19-09-2018 at 19:30

(MONIRUZZAMAN)
Deputy Secretary, Generation