Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month May, 2019 | Day : **Tuesday** | Date : **14.05.19**

Probable Maximum Demand : **12000** MW | **Probable Maximum Generation :** **14048** MW

Water Level of Kaptai Lake at 06:00 AM | Yesterday = **74.08** ft | Today = **73.90** ft. | Rule Curve = **79.53** ft.

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.05.19 (Yesterday) Actual Peak Generation (MW)		14.05.19 (Today) Probable Peak Generation (MW)		13.05.19 (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	38	38	38	38				
	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	134	134	134	134			On Test	
	d) Ghorasal Unit-4 (repowering project)	Gas	(PDB)	1 x 210	210	180	100	100	100	100			On Test	
	(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	270	320	380	380				
3	Ghorashal (Regent)	Gas	(IPP)	34x3.35	108	108	12	12	12	12				
4	Ghorasal 78.5MW (Max)	Gas	(QRPP)	2x40	78	78	40	40	40	40				
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	110	110	110				
8	Horipur Power CCPP	Gas	(IPP)	1x235+1x125	360	360	340	310	360	360				
9	Meghnaghat CCPP	Gas	(IPP)	2x140+1x170	450	450	400	360	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	332	325	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	0	0	0	0	217		Gas Shortage	
14	Siddirganj (Dutch Bangla)	HFO	(QRPP)	12x8.9	100	100	0	24	100	100				
15	Meghnaghat CCPP (Summit)	GAS	(IPP)	2x110+1x110	305	305	280	240	335	335				
16	Meghnaghat (IEL)	HFO	(QRPP)	12x8.9	100	100	84	55	100	100				
17	Madanganj (Summit)	HFO	(QRPP)	6x17	102	100	0	30	100	100				
18	Madanganj-55 MW	HFO	(IPP)	5x17.08+1x11.3	55	55	25	48	55	55				
19	Keranigonj (Powerpac)	HFO	(QRPP)	8x13.45	100	100	0	50	100	100				
20	Gagnagar (Orion)	HFO	(IPP)	12x8.924	102	102	92	92	102	102				
21	Narshingdi (Doreen)	Gas	(SIPP, REB)	8x2.90	22	22	19	0	19	19				
22	Summit Power,(Madhabdi+Ashulia)	Gas	(SIPP, REB)	6x3.67+7x8.73	80	80	45	45	45	45				
23	Summit Power, Maona	Gas	(SIPP, REB)	4x8.73	33	33	33	0	33	33				
24	Summit Power, Rupganj	Gas	(SIPP, REB)	4x8.73	33	33	33	33	33	33				
25	Gazipur (RPCL)	HFO	(RPCL)	6x8.90	52	52	40	48	48	48				
	Gazipur 100 MW	HFO	(RPCL)				0	0	0	0			On Test	
26	Kodda 150MW Power Plant	HFO	(BPDB-RPCL)	9x17.06	149	149	48	70	149	149				
27	Kathpotti 52 MW	HFO	(IPP)	7x7.90	51	51	48	40	48	48				
28	Kamalaghat Munshiganj (Banco Energy)	HFO	(IPP)	3x18.69	54	54	35	35	54	54				
29	Summit Gazipur-2	HFO	(IPP)	18x17.076	300	300	31	200	300	300				
30	Summit Kodda 149MW	HFO	(IPP)	8x18.415+1x8.97	149	149	144	100	149	149				
31	APR Energy , Keranigonj	HSD	(IPP)	256x1.4	300	300	0	0	300	300				
32	Bramhangoan 100MW (Aggreco)	HSD	(IPP)	23x0.85+91x.959	100	100	0	0	100	100				
33	Aourahati 100MW (Aggreco)	HSD	(IPP)	23x0.85+91x.959	100	100	0	0	100	100				
34	Southern Power	HFO	(IPP)	3x19.3	55	55	55	55	55	55				
35	Northern 55 MW	HFO	(IPP)	3x19.3	55	55	56	56	55	55				
36	Bosila 108 MW (CLC)	HFO	(IPP)	12x8.775+1x3.5	108	108	60	63	60	60				
	Dhaka Zone Total				**5934**	**5698**	**2830**	**3069**	**4512**	**4512**	**877**	**0**		
37	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro	(PDB)	2x40, 3x50	230	230	37	30	39	39	200		Water Level Low	
38	a) Chattogram ST:Unit -1	Gas	(PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage	
	b) Chattogram ST:Unit -2	Gas	(PDB)	1 x 210	210	180	150	150	150	150	30		Gas Shortage	
39	Raozan 25 MW (RPCL)	HFO	(RPCL)	3x8.9	25	25	24	25	25	25				
40	Teknaf Solartech 20MW	Solar	(IPP)	1x20	20	20	17.32	0	20	0				
41	Patenga 50MW (Barakatullah)	HFO	(IPP)	8x6.89	50	50	44	46	46	46				
42	Shikalbaha ST	Gas	(PDB)	1 x 60	60	40	0	0	0	0	40		Gas Shortage	
43	Shikalbaha Peaking GT	Gas	(PDB)	1 x 150	150	150	145	145	145	145				
44	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas	(PDB)	1 x 150+1 x 75	225	225	226	231	225	225				
45	Sikalbaha (Energis)	HFO	(RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	24	24	24	24				
46	Julda (Acorn)	HFO	(QRPP)	8x13.45	100	100	67	88	100	100				
47	Juldah (Acorn) 100 MW Unit-3	HFO	(IPP)	8x13.45	100	100	100	100	100	100				
48	Dohazari-Kalaish Peaking	HFO	(PDB)	6x17.0	102	102	68	85	68	85				
49	Hathazari Peaking	HFO	(PDB)	11x8.9	98	98	73	80	82	82				
50	Barabkunda (Regent)	Gas	(SIPP, PDB)	8x2.90	22	22	16	16	17	17				
*	Malancha, Ctg.EPZ (United)	Gas		5x8.73+3x9.34			6	31	10	31				
51	Chattogram ECPV 108 MW	HFO	(IPP)	16x7.00	108	108	96	100	103	103				
	Chattogram Zone Total				**1761**	**1681**	**1093.32**	**1151**	**1154**	**1172**	**450**	**0**		
52	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	0	0	0	0	134		Gas Shortage	
53	Ashuganj Engines	Gas	(APSCL)	14x3.968	53	45	33	17	33	33				
54	Ashuganj CCPP 225 MW	Gas	(APSCL)	1×142+1*75	221	221	205	181	221	221				
55	Ashuganj CCPP(South)	Gas	(APSCL)	1x360	360	360	340	300	360	360				
56	Ashuganj CCPP(North)	Gas	(APSCL)	1x361	360	360	200	260	250	250				
57	Ashuganj (Precision)	Gas	(RPP)	15*4	55	55	54	53	55	55				
58	Ashuganj (United)	Gas	(QRPP)	14x4.00	53	53	5	5	5	5				
59	Ashuganj Modular 195 MW	Gas	(IPP)	20*9.73+1*16	195	195	154	76	195	195				
60	Ashuganj (Midland)	Gas	(IPP)	6x9.34	51	51	45	45	45	45				
61	Ashuganj 150MW Midland	HFO	(IPP)	23x7.015	150	150	23	148	150	150				
62	Titas (Daudkandi) Peaking	HFO	(PDB)	6x8.92	52	52	0	50	0	50				
63	Chandpur CCPP	Gas	(PDB)	1X106+1x57	163	163	100	100	100	100				
64	Chandpur 200MW Desh energy	HFO	(IPP)	12x18.415	200	200	17	200	200	200				
65	Feni (Doreen)	Gas	(SIPP, PDB)	8x2.90	22	22	18	22	22	22				
66	Feni, Mohipal (Doreen)	Gas	(SIPP, REB)	4x2.90	11	11	11	11	11	11				
67	Jangalia (Summit)	Gas	(SIPP, PDB)	4x8.73	33	33	25	25	25	25				
68	Jangalia (Lakdanavi)	HFO	(IPP)	6x8.92	52	52	52	52	52	52				
69	Summit Power, Cumilla	Gas	(SIPP, REB)	3x3.67+2x6.97	25	25	14	21	21	21				
70	Daudkandi 200 MW	HSD	(IPP)	9x1.4+40x1.515+15x1.09	200	200	0	0	200	200				
**	Tripura		India		160	160	146	164	148	190				
	Cumilla Zone Total				**2866**	**2806**	**1442**	**1730**	**2093**	**2185**	**398**	**0**		
71	RPCL CCPP	Gas	(IPP)	4x35+1x70	210	202	146	151	153	153	51		Gas Shortage	
72	Tangail (Doreen)	Gas	(SIPP, PDB)	8x2.90	22	22	20	20	20	20				
73	Jamalpur IPP	HFO	(IPP)	12x8.924	95	95	95	95	95	95				
74	Jamalpur 115MW (United)	HFO	(IPP)	12x9.87	115	115	97	109	99	99				
75	Mymensingh 200MW (United)	HFO	(IPP)	21x9.780	200	200	7	60	200	200				
76	Sarishabari Solar Plant	Solar	(IPP)	12x8.924	3	3	2.2	0	2	0				
	Mymensing Zone Total				**645**	**637**	**367.2**	**435**	**569**	**567**	**51**	**0**		

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.05.19 (Yesterday) Actual Peak Generation (MW)		14.05.19 (Today) Probable Peak Generation (MW)		13.05.19 (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
77	Fenchuganj CCPP-1	Gas	(PDB)	2x32+1x33	97	70	58	56	58	58				
78	Fenchuganj CCPP-2	Gas	(PDB)	2x35+1x35	104	90	48	59	60	60				
79	Fenchuganj (Barakatullah)	Gas	(RPP)	19x2.90	51	51	50	45	50	50				
80	Fenchuganj (Energyprima)	Gas	(RPP)	12x3.3+5x2.0	44	44	47	47	44	44				
81	Kushiara 163 MW CCPP	Gas	(IPP)	1x109+1x54	163	163	163	163	163	163				
82	Hobiganj (Confidence-EP)	Gas	(SIPP, REB)	4x2.90	11	11	11	0	11	11				
83	Shajibazar GT:Unit-8,9	Gas	(PDB)	2x35	70	66	61	20	66	66				
84	Shahjibazar 330 MW CCPP	Gas	(PDB)	2x110+2x110	330	330	324	201	330	330				
85	Shajibazar (Shajibazar)	Gas	(RPP)	32x2.90	86	86	77	0	86	86				
86	Shajibazar (Energyprima)	Gas	(RPP)	27x2.0	50	50	43	0	45	45				
87	Sylhet 150MW GT	Gas	(PDB)	1x142	142	142	122	92	130	130				
88	Sylhet 20MW GT	Gas	(PDB)	1 x 20	20	20	0	18	19	19				
89	Sylhet (Enegyprima)	Gas	(RPP)	27x2.0	50	50	40	40	40	40				
90	Sylhet (Desh)	Gas	(RPP)	6x1.95	10	10	10	10	10	10				
91	Shahjahanulla 25MW	Gas	(CIPP, REB)	3x9.34	25	25	24	24	25	25				
92	Summit Bibiana- 2	Gas	(IPP)	1x222+1x119	341	341	260	265	341	341				
	Bibiana- 3	Gas	(PDB)				54	85	85	85			On Test	
	Sylhet Zone Total				**1594**	**1549**	**1392**	**1125**	**1563**	**1563**	**0**	**0**		
93	Bheramara GT: Unit-1,2,3	HSD	(PDB)	3 x 20	60	46	0	48	0	48				
94	Bheramara 360 MW CCPP	Gas	(NWPGCL)	1 x 278+1 x 132	410	410	0	0	0	0		410	Under Maintenance	20.5.19
95	Faridpur Peaking	HFO	(PDB)	8x6.98	54	54	0	28	35	35				
96	Gopalganj Peaking	HFO	(PDB)	16x6.98	109	109	0	75	50	80				
97	Khulna CCPP	HSD	(NWPGCL)	1 x 150+1x75	230	230	0	0	0	0				
98	Khulna (KPCL-2)	HFO	(QRPP)	7x17	115	115	49	115	115	115				
99	Bangla Trac (Noapara)	HSD	(IPP)	70x1.4+7x1.515	100	100	0	100	100	100				
100	Noapara (Khanjahan Ali)	HFO	(QRPP)	5x8.5	40	40	0	40	40	40				
101	Labon Chora 105 MW	HFO	(IPP)	6x18.445	105	105	105	105	105	105				
102	Modhumati Power Plant	HFO	(NWPGCL)	6x18.415	105	105	106	108	108	108				
**	Bheramara HVDC Interconnector		India		1000	1000	927	931	943	943				
	Khulna Zone Total				**2328**	**2314**	**1187**	**1550**	**1496**	**1574**	**0**	**410**		
103	Barisal GT :Unit -1, 2	HSD	(PDB)	2 x 20	40	30	0	12	0	20				
104	Summit Barisal 110 MW	HFO	(IPP)	7 x 17.076	110	110	16	110	110	110				
105	Bhola (Venture)	Gas	(RPP)	1x34.50	33	33	23	34	33	33				
106	Bhola CCPP GT-1,2,ST	Gas	(PDB)	2x63+1x68	194	194	177	176	177	177				
107	Bhola Agreeko 95 MW	Gas	(QRPP)	1.1x96	95	95	95	94	96	96				
	Barishal Zone Total				**472**	**462**	**311**	**426**	**416**	**436**	**0**	**0**		
108	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		Gas Shortage	
109	Baghabari Peaking	HFO	(PDB)	6x8.9	52	52	8	50	50	50				
110	Baghabari 200MW (Paramount)	HSD	(IPP)	135x1.6	200	200	0	0	200	200				
111	Bera Peaking	HFO	(PDB)	9x8.29	71	71	0	33	33	33				
112	Amnura	HFO	(QRPP)	7x7.79	50	50	12	50	50	50				
113	Chapainawabganj-100 MW	HFO	(PDB)	12x8.924	104	104	46	95	95	95				
114	Katakhali Peaking	HFO	(PDB)	6x8.7	50	50	0	44	44	44				
115	Katakhali (Northern)	HFO	(QRPP)	6x8.9	50	50	0	25	50	50				
116	Santahar Peaking	HFO	(PDB)	6x8.7	50	50	0	38	38	38				
117	Sirajganj CCPP 1	Gas	(NWPGCL)	1x150+1x75	210	210	188	159	202	202				
118	Sirajganj CCPP 2	Gas	(NWPGCL)	1x150 + 1x75	220	220	192	149	200	200				
119	Sirajgonj CCPP-3	Gas	(NWPGCL)	1x141+1x79	220	220	174	157	220	220				
120	Sirajgonj Unit-4 (Gas)	Gas	(IPP)	1x282+1x132	414	414	350	300	350	350				
121	Bogura (GBB)	Gas	(RPP)	6x4.0	22	22	22	22	22	22				
122	Bogura (Engergyprima)	Gas	(RPP)	5x3.3+5x2.0	20	10	14	14	14	14				
123	Ullapara (Summit)	Gas	(SIPP, REB)	4x2.90	11	11	8	11	11	11				
124	Rajlanka 52 MW	HFO	(IPP)	6x8.92	52	52	8	50	52	52				
125	Confidence Power Bagura U-2	HFO	(IPP)	6x18.55	113	113	108	109	108	108				
	Rajshahi Zone Total				**2080**	**2070**	**1130**	**1306**	**1739**	**1739**	**171**	**0**		
126	a) Barapukuria ST:Unit -1	Coal	(PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	20.05.19
	b) Barapukuria ST:Unit - 2	Coal	(PDB)	1 x 125	125	85	68	62	66	66	23		Coal Shortage	
127	Barapukuria ST:Unit - 3	Coal	(PDB)	1 x 274	274	274	199	199	199	199	75		Coal Shortage	
128	Rangpur GT	HSD	(PDB)	1 x 20	20	20	0	17	17	17				
129	Syedpur GT	HSD	(PDB)	1 x 20	20	20	0	18	18	18				
	Rangpur Zone Total				**564**	**484**	**267**	**296**	**300**	**300**	**98**	**85**		
	Sub-total: Plants in operation				**18244**	**17701**	**10020**	**11088**	**13842**	**14048**	**2045**	**495**		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							**9465**	**10452**	**13075**	**13270**				
(B) Plant Under long term maintenance														
130	Brahmanbaria (Aggreko)	Gas	(QRPP)	86x1.10	85	85	0	0	0	**0**				
	Sub-Total: Plants under long term maintenance				85	85	0	0	0	0				
	Gross Total				**18329**	**17786**	**10020**	**11088**	**13842**	**14048**	**2045**	**495**		

(C)	Actual data of 13.05.19 (Yesterday) Monday :												
01.	Max. Demand (Generation end)	:	**11088.00**	MW, at =	**19:30 hrs**	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	**10452.00**	MW, at =	**19:30 hrs**	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	**11088.00**	MW, at =	**19:30 hrs**								
04.	Minimum Generation (Generation end)	:	**8525.70**	MW, at =	**8:00 hrs**	Dhaka	**3811**	**3811**	**0**	Mymensingh	**730**	**730**	**0**
05.	Day-peak Generation (Generation end)	:	**10019.52**	MW, at =	**12:00 hrs**	Chattogram	**1188**	**1188**	**0**	Sylhet	**277**	**277**	**0**
06.	Evening-peak Generation (Generation end)	:	**11088.00**	MW, at =	**19:30 hrs**	Khulna	**1447**	**1447**	**0**	Barishal	**295**	**295**	**0**
07.	Evening Peak Load-shed (Sub-station end)	:	**0.00**	MW, at =	**19:30 hrs**	Rajshahi	**1447**	**1447**	**0**	Rangpur	**295**	**295**	**0**
08.	Actual Minimum Generation up to 8:00 hrs.	:	**6311.10**	MW		Cumilla	**962**	**962**	**0**				
09.	Generation shortfall at evening peak due to :	:								**Total**	**10452**	**10452**	**0**
	a) Gas limitation	:	**1747**	MW		13.	Fuel cost :	(a) Gas =	**97854776**	Taka	(c) Coal =	**28473403**	Taka
	d) Coal supply Limitation	:	**98**	MW				(b) Oil =	**419578551**	Taka	Total =	**126328179**	Taka
	b) Low water level in Kaptai lake	:	**200**	MW									
	c) Plants under shut down/ maintenance	:	**495**	MW		14.	Maximum Temperature in Dhaka was :		**35.5° C**				
10.	Total Energy (Generation + India Import)	:	**237.65**	MKWh		15.	Export through East-West interconnections :						
	By Gas = 146.266 MKWH		By Oil =	58.209 MKWh			At evening peak-hour	:	**-300**	MW, at	**19:30 hrs**		
	By Coal = 6.463 MKWH		By Hydro =	0.777 MKWh			Maximum	:	**-300**	MW, at	**19:30 hrs**		
	By Solar= 0.111 MKWH						Energy	:	**0.2625**	MKWh			
11.	Total Gas Supplied	:	**1222.40**	MMCFD									

(D)	Forecast of 14.05.19 (Today) Tuesday :								
01.	Maximum Demand	:	**12000**	MW	(Generation end)	04.	Maximum Load-shed	:	**0** MW	At evening peak (Sub-station end)
02.	Maximum Generation	:	**14048**	MW	(Generation end)	05.	Total Generation	:	**257.19** MKWh	
03.	Maximum Shortage	:	**-2048**	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :		**35.1° C**	

* Captive Power ** Imported Power

#Remarks: Highest Generation 12494MW on 11-05-2019 at 20:00

(MONIRUZZAMAN)
Deputy Secretary, Generation