Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month April, 2019 | Day : **Thursday** | Date : **11.04.19**

Probable Maximum Demand : 10300 MW | **Probable Maximum Generation :** 13797 MW

Water Level of Kaptai Lake at 06:00 AM | Yesterday = 84.17 ft | Today = 84.00 ft. | Rule Curve = 86.00 ft.

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	10.04.19 (Yesterday) Actual Peak Generation (MW)		11.04.19 (Today) Probable Peak Generation (MW)		10.04.19 (Yesterday) Gen. shortfall for :		Status of Machines under shut-down/ Maintenance	
											Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
							Day	Evening	Day	Evening				
(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	45	73	74	74			On Test	
	d) Ghorasal Unit-4 (repowering project)	Gas	(PDB)	1 x 210	210	180	256	130	100	100			On Test	
	(e) Ghorasal ST:Unit-5	Gas	(PDB)	1 x 210	210	190	120	120	190	190				
2	Ghorasal CCPP:Unit-7	Gas	(PDB)	1x 254+1x 126	365	365	0	220	220	220				
3	Ghorashal (Regent)	Gas	(IPP)	34x3.35	108	108	0	12	12	12				
4	Ghorasal 78.5MW (Max)	Gas	(QRPP)	2x40	78	78	0	0	78	78				
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	300	360	360	360				
9	Meghnaghat CCPP	Gas	(IPP)	2x140+1x170	450	450	350	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	336	332	412	412				
12	Shiddirganj GT:Unit-1&2	Gas	(EGCB)	2 x 105	210	210	87	180	180	180	30		Gas Shortage	
13	Siddhirganj CCPP-335 MW GT	Gas	(EGCB)	1 x 217	217	217	20	170	170	170				
14	Siddirganj (Desh)	HSD	(QRPP)	96x1.2	100	100	0	0	100	100				
15	Siddirganj (Dutch Bangla)	HFO	(QRPP)	12x8.9	100	100	0	0	100	100				
16	Meghnaghat CCPP (Summit)	HSD/GAS	(IPP)	2x110+1x110	305	305	250	265	305	305				
17	Meghnaghat (IEL)	HFO	(QRPP)	12x8.9	100	100	0	0	92	92				
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	0	55	55				
20	Keranigonj (Powerpac)	HFO	(QRPP)	8x13.45	100	100	0	0	100	100				
21	Gagnagar (Orion)	HFO	(IPP)	12x8.924	102	102	16	32	102	102				
22	Narshingdi (Doreen)	Gas	(SIPP, REB)	8x2.90	22	22	16	16	19	19				
23	Summit Power,(Madhabdi+Ashulia)	Gas	(SIPP, REB)	6x3.67+7x8.73	80	80	55	57	57	57				
24	Summit Power, Maona	Gas	(SIPP, REB)	4x8.73	33	33	24	33	33	33				
25	Summit Power, Rupganj	Gas	(SIPP, REB)	4x8.73	33	33	12	29	33	33				
26	Gazipur (RPCL)	HFO	(RPCL)	6x8.90	52	52	43	45	51	51				
27	Kodda 150MW Power Plant	HFO	(BPDB-RPCL)	9x17.06	149	149	0	48	149	149				
28	Kathpotti 52 MW	HFO	(IPP)	7x7.90	51	51	6	30	48	48				
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	200	300				
31	Summit Kodda 149MW	HFO	(IPP)	8x18.415+1x8.97	149	149	0	0	149	149				
32	APR Energy , Keranigonj	HSD	(IPP)	256x1.4	300	300	0	0	200	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	17	55	55				
36	Northern 55 MW	HFO	(IPP)	3x19.3	55	55	0	18	55	55				
37	Bosila 108 MW (CLC)	HFO	(IPP)	12x8.775+1x3.5	108	108	0	0	51	51				
	Dhaka Zone Total				**6034**	**5798**	**1989**	**2640**	**4700**	**4900**	**290**	**0**		
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro	(PDB)	2x40, 3x50	230	230	85	80	80	80	150		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	0	0	0	0				
40	Raozan 25 MW (RPCL)	HFO	(RPCL)	3x8.9	25	25	25	25	25	25				
41	Teknaf Solartech 20MW	Solar	(IPP)	1x20	20	20	13.71	0	20	0				
42	Patenga 50MW (Barakatullah)	HFO	(IPP)	8x6.89	50	50	46	50	50	50				
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	0	0	0	0	150		Gas Shortage	
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas	(PDB)	1 x 150+1 x 75	225	225	217	204	225	225				
46	Sikalbaha (Energis)	HFO	(RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	43	50	50	50				
47	Julda (Acorn)	HFO	(QRPP)	8x13.45	100	100	10	50	78	78				
48	Juldah (Acorn) 100 MW Unit-3	HFO	(IPP)	8x13.45	100	100	90	100	100	100				
49	Dohazari-Kalaish Peaking	HFO	(PDB)	6x17.0	102	102	34	51	68	68				
50	Hathazari Peaking	HFO	(PDB)	11x8.9	98	98	0	40	50	50				
51	Barabkunda (Regent)	Gas	(SIPP, PDB)	8x2.90	22	22	19	22	22	22				
*	Malancha, Ctg.EPZ (United)	Gas		5x8.73+3x9.34			5	12	13	12				
52	Chattogram ECPV 108 MW	HFO	(IPP)	16x7.00	108	108	88	105	105	105				
	Chattogram Zone Total				**1761**	**1681**	**785.71**	**899**	**996**	**975**	**410**	**0**		
53	a) Ashuganj ST:Unit-3	Gas	(APSCL)	1 x 150	150	135	0	0	0	0				
	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	0	0	0	0				
54	Ashuganj Engines	Gas	(APSCL)	14x3.968	53	45	40	40	40	40				
55	Ashuganj CCPP 225 MW	Gas	(APSCL)	1×142+1*75	221	221	205	187	221	221				
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	0	5	5	5				
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	26	110	118	118				
61	Ashuganj (Midland)	Gas	(IPP)	6x9.34	51	51	5	5	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	34	200	200				
67	Feni (Doreen)	Gas	(SIPP, PDB)	8x2.90	22	22	0	19	22	22				
68	Feni, Mohipal (Doreen)	Gas	(SIPP, REB)	4x2.90	11	11	5	11	11	11				
69	Jangalia (Summit)	Gas	(SIPP, PDB)	4x8.73	33	33	0	33	33	33				
70	Jangalia (Lakdanavi)	HFO	(IPP)	6x8.92	52	52	0	0	52	52				
71	Summit Power, Cumilla	Gas	(SIPP, REB)	3x3.67+2x6.97	25	25	0	15	21	21				
72	Daudkandi 200 MW	HSD	(IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200				
**	Tripura		India		160	160	80	130	118	140				
	Cumilla Zone Total				**2951**	**2891**	**1016**	**1294**	**1961**	**2133**	**0**	**0**		
73	RPCL CCPP	Gas	(IPP)	4x35+1x70	210	202	208	192	202	202				
74	Tangail (Doreen)	Gas	(SIPP, PDB)	8x2.90	22	22	0	20	0	20				
75	Jamalpur IPP	HFO	(IPP)	12x8.924	95	95	0	34	87	87				
76	Jamalpur 115MW (United)	HFO	(IPP)	12x9.87	115	115	0	107	112	112				
77	Mymensingh 200MW (United)	HFO	(IPP)	21x9.780	200	200	0	0	200	200				
78	Sarishabari Solar Plant	Solar	(IPP)	12x8.924	3	3	2.4	0	2	0				
	Mymensing Zone Total				**645**	**637**	**210.4**	**353**	**603**	**621**	**0**	**0**		

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	10.04.19 (Yesterday) Actual Peak Generation (MW)		11.04.19 (Today) Probable Peak Generation (MW)		10.04.19 (Yesterday) Gen. shortfall for :		Status of Machines under shut-down/ Maintenance	
											Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
							Day	Evening	Day	Evening				
79	Fenchuganj CCPP-1	Gas	(PDB)	2x32+1x33	97	70	30	58	60	60				
80	Fenchuganj CCPP-2	Gas	(PDB)	2x35+1x35	104	90	60	60	60	60				
81	Fenchuganj (Barakatullah)	Gas	(RPP)	19x2.90	51	51	5	45	51	51				
82	Fenchuganj (Energyprima)	Gas	(RPP)	12x3.3+5x2.0	44	44	5	44	44	44				
83	Kushiara 163 MW CCPP	Gas	(IPP)	1x109+1x54	163	163	0	0	163	163				
84	Hobiganj (Confidence-EP)	Gas	(SIPP, REB)	4x2.90	11	11	0	11	11	11				
85	Shajibazar GT:Unit-8,9	Gas	(PDB)	2x35	70	66	65	65	66	66				
86	Shahjibazar 330 MW CCPP	Gas	(PDB)	2x110+2x110	330	330	182	172	270	270				
87	Shajibazar (Shajibazar)	Gas	(RPP)	32x2.90	86	86	5	83	86	86				
88	Shajibazar (Energyprima)	Gas	(RPP)	27x2.0	50	50	5	47	47	47				
89	Sylhet 150MW GT	Gas	(PDB)	1x142	142	142	112	116	120	120				
90	Sylhet 20MW GT	Gas	(PDB)	1 x 20	20	20	0	19	0	0				
91	Sylhet (Enegyprima)	Gas	(RPP)	27x2.0	50	50	5	23	46	46				
92	Sylhet (Desh)	Gas	(RPP)	6x1.95	10	10	10	10	10	10				
93	Shahjahanulla 25MW	Gas	(CIPP, REB)	3x9.34	25	25	0	24	25	25				
94	Summit Bibiana- 2	Gas	(IPP)	1x222+1x119	341	341	290	290	341	341				
	Bibiana- 3	Gas	(PDB)				0	0	0	0			On Test	
	Sylhet Zone Total				1594	1549	774	1067	1400	1400	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	34	26	35				
98	Gopalganj Peaking	HFO	(PDB)	16x6.98	109	109	0	60	0	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	115	115	115				
101	Bangla Trac (Noapara)	HSD	(IPP)	70x1.4+7x1.515	100	100	0	0	0	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)				17	0	0	0			On Test	
**	Bheramara HVDC Interconnector		India		1000	1000	846	941	856	952				
	Khulna Zone Total				2223	2209	863	1280	1142	1473	0	0		
104	Barisal GT :Unit -1, 2	HSD	(PDB)	2 x 20	40	30	0	26	0	26				
105	Summit Barisal 110 MW	HFO	(IPP)	7 x 17.076	110	110	0	110	110	110				
106	Bhola (Venture)	Gas	(RPP)	1x34.50	33	33	19	30	33	33				
107	Bhola CCPP GT-1,2,ST	Gas	(PDB)	2x63+1x68	194	194	120	136	136	136				
108	Bhola Agreeko 95 MW	Gas	(QRPP)	1.1x96	95	95	42	96	95	95				
	Barishal Zone Total				472	462	181	398	374	400	0	0		
109	a) Baghabari GT	Gas	(PDB)	1 x 71	71	71	60	60	65	65				
	b) Baghabari GT	Gas	(PDB)	1 x 100	100	100	60	60	60	60				
110	Baghabari Peaking	HFO	(PDB)	6x8.9	52	52	0	0	0	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	0	0	54				
113	Amnura	HFO	(QRPP)	7x7.79	50	50	0	12	35	35				
114	Chapainawabganj-100 MW	HFO	(PDB)	12x8.924	104	104	0	75	100	100				
115	Katakhali Peaking	HFO	(PDB)	6x8.7	50	50	0	8	0	40				
116	Katakhali (Northern)	HFO	(QRPP)	6x8.9	50	50	0	0	50	50				
117	Santahar Peaking	HFO	(PDB)	6x8.7	50	50	0	30	0	30				
118	Sirajganj CCPP 1	Gas	(NWPGCL)	1x150+1x75	210	210	194	192	200	200				
119	Sirajganj CCPP 2	Gas	(NWPGCL)	1x150 + 1x75	220	220	198	195	225	225				
120	Sirajgonj CCPP-3	Gas	(NWPGCL)	1x141+1x79	220	220	203	194	200	200				
121	Sirajgonj Unit-4 GT(Gas)	Gas	(IPP)	1x282	282	282	180	270	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	3	17	17	17				
124	Ullapara (Summit)	Gas	(SIPP, REB)	4x2.90	11	11	8	11	11	11				
125	Rajlanka 52 MW	HFO	(IPP)	6x8.92	52	52	0	25	52	52				
126	Confidence Power Bagura U-2	HFO	(IPP)	6x18.55	113	113	0	0	113	113				
	Rajshahi Zone Total				1948	1938	928	1171	1432	1606	0	0		
127	a) Barapukuria ST:Unit -1	Coal	(PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	15.04.19
	b) Barapukuria ST:Unit - 2	Coal	(PDB)	1 x 125	125	85	0	71	70	70	14		Coal Shortage	
128	Barapukuria ST:Unit - 3	Coal	(PDB)	1 x 274	274	274	184	184	184	184	90		Coal Shortage	
129	Rangpur GT	HSD	(PDB)	1 x 20	20	20	0	17	0	17				
130	Syedpur GT	HSD	(PDB)	1 x 20	20	20	0	15	0	18				
	Rangpur Zone Total				564	484	184	287	254	289	104	85		
	Sub-total: Plants in operation				18192	17649	6931	9389	12862	13797	804	85		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							6550	8735	12155	13039				
	Gross Total				18192	17649	6931	9389	12862	13797	804	85		

(B) Actual data of 10.04.19 (Yesterday) Wednesday :

01.	Max. Demand (Generation end)	:	9389.00	MW, at =	20:00 hrs
02.	Max. Demand (Sub-station end)	:	8735.00	MW, at =	20:00 hrs
03.	Highest Generation (Generation end)	:	9389.00	MW, at =	20:00 hrs
04.	Minimum Generation (Generation end)	:	5019.00	MW, at =	5:00 hrs
05.	Day-peak Generation (Generation end)	:	6931.11	MW, at =	12:00 hrs
06.	Evening-peak Generation (Generation end)	:	9389.00	MW, at =	20:00 hrs
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	20:00 hrs
08.	Actual Minimum Generation up to 8:00 hrs.	:	6550.60	MW	
09.	Generation shortfall at evening peak due to :	:			
	a) Gas limitation	:	550	MW	
	d) Coal supply Limitation	:	104	MW	
	b) Low water level in Kaptai lake	:	150	MW	
	c) Plants under shut down/ maintenance	:	85	MW	
10.	Total Energy (Generation + India Import)	:	167.12	MKWh	
	By Gas = 122.550 MKWH		By Oil =	17.010 MKWh	
	By Coal = 5.157 MKWH		By Hydro =	1.873 MKWh	
	By Solar= 0.137 MKWH				
11.	Total Gas Supplied	:	1149.59	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	3243	3243	0	Mymensingh	665	665	0
Chattogram	1031	1031	0	Sylhet	333	333	0
Khulna	1113	1113	0	Barishal	237	237	0
Rajshahi	1113	1113	0	Rangpur	237	237	0
Cumilla	763	763	0				
				Total	8735	8735	0

13. Fuel cost : (a) Gas = 81839438 Taka (c) Coal = 21370304 Taka
(b) Oil = 165055682 Taka Total = 103209741 Taka

14. Maximum Temperature in Dhaka was : 28.2° C

15. Export through East-West interconnections :

At evening peak-hour	:	-250	MW, at	20:00 hrs
Maximum	:	-420	MW, at	19:00 hrs
Energy	:	0.993	MKWh	

(C) Forecast of 11.04.19 (Today) Thursday :

01.	Maximum Demand	:	10300	MW	(Generation end)	04.	Maximum Load-shed	: 0	MW	At evening peak (Sub-station end)
02.	Maximum Generation	:	13797	MW	(Generation end)	05.	Total Generation	: 183.33	MKWh	
03.	Maximum Shortage	:	-3497	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	32.5° C		

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation