



**Bangladesh Power Development Board**  
**DAILY ELECTRICITY GENERATION REPORT**

Office of the Member, Generation  
Tel : 9564667, 9551095

Month May, 2019				Day : Wednesday				Date : 01.05.19				
Probable Maximum Demand : 11500 MW				Probable Maximum Generation : 14449 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 76.64 ft Today = 76.41 ft				Rule Curve = 82.00 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	30.04.19 (Yesterday)		01.05.19 (Today)		30.04.19 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :			
					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	0	0	0	0		On Test	
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	243	243	240	240		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	340	300	340	340			
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	100	98	100	100			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	72	70	70			
5	Tongi GT	Gas (PDB)	1 x 105	105	105	40	40	40	40	65	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	27	110	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	342	290	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	450	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	359	326	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	92	60	90	90	150	Gas Shortage	
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	213	150	220	220			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	0	0			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	98	100	100			
16	Meghnaghat CCPP (Summit)	GAS/HSD (IPP)	2x110+1x110	305	305	290	260	335	335			
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	18	100	100	100			
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	15	80	100	100			
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	55	55	55			
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	3	78	100	100			
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	10	101	102	102			
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	22	22			
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	49	47	57	57			
24	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	25	33	33			
25	Summit Power, Rupganj	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	42	50	51	51			
	Gazipur 100 MW	HFO (RPCL)				0	0	100	100		On Test	
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	98	149	149	149			
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	6	30	50	50			
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	54	54	54			
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	98	250	300	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	149	149	149	149			
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300			
33	Bramhangon 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	50	0	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	56	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	31	32	60	60			
Dhaka Zone Total				6034	5798	3383	3846	5028	5028	560	0	
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	40	70	100	100	160	Water Level Low	
39	a) Chattogram ST:Unit -1	Gas (PDB)	1 x 210	210	180	100	100	100	100	80	Gas Shortage	
	b) Chattogram 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	25	26	25	25			
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	18.7	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	42	43	46	46			
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	130	130	130	130			
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	227	230	225	225			
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	8	16	40	40			
47	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	60	86	90	90			
48	Juldah (Acorn) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	89	100	100	100			
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	51	85	85	85			
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	66	80	80			
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	16	16	20	20			
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			2	24	10	20			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	40	45	65	65			
Chattogram Zone Total				1761	1681	848.7	1037	1136	1126	460	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	0	0	0	0	134	Gas Shortage	
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	10	30	27	27			
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	198	221	221	221			
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	340	356	360	360			
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	0	0	360	360			
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	49	52	53	53			
59	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	53	53	5	5			
60	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	157	188	150	150			
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	45	45	45	45			
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	150	150	150	150			
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	0	0	0	0			
64	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	50	0	50			
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	98	100	100	100			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	52	180	200	200			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	22	22	22			
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11			
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	25	33	33			
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	25	52	52	52			
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	6	21	21	21			
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.08	200	200	0	0	200	200			
**	Tripura	India		160	160	152	184	140	178			
Cumilla Zone Total				2951	2891	1360	1740	2150	2238	398	0	
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	149	153	200	200	49	Gas Shortage	
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	20	20	20			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	55	78	95	95			
76	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	111	110	115	115			
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	170	200	200			
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.3	0	2	0			
Mymensingh Zone Total				645	637	341.3	531	632	630	49	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	30.04.19 (Yesterday)		01.05.19 (Today)		30.04.19 (Yesterday)		Status of Machines under shut-down/ Maintenance	
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Description/ Remarks	Probable start-up date
						Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)		
79	Fenchuganj CAPP-1	Gas (PDB)	2x32+1x33	97	70	57	60	60	60				
80	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	0	32	60	60				
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	15	50	50	50				
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	23	50	50	50				
83	Kushara 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	163	163	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	31	30	66	66				
86	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	215	290	290	290				
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	80	80	86	86				
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	40	45	46	46				
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	75	74	100	120				
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	19	20	20				
91	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	37	40	40	40				
92	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	10	10	10				
93	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	24	25	25	25				
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	295	250	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	1063	1229	1418	1438	0	0		
95	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	46	0	40				
96	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	0	0	0	0	410		Under Maintenance	5.5.19
97	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	36	40	40				
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	61	50	80				
99	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0				
100	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	69	99	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	105	105	105	105				
	Modhumati Power Plant	HFO (IPP)				90	90	108	108			On Test	
**	Bheramara HVDC Interconnector	India		1000	1000	849	946	502	852				
Khulna Zone Total				2223	2209	1113	1520	1060	1480	0	410		
104	Barisal GT: Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	22	0	26				
105	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	32	100	110	110				
106	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	23	37	33	33				
107	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	178	177	178	178				
108	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	91	97	95	95				
Barishal Zone Total				472	462	324	433	416	442	0	0		
109	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	55	60	60	60	11		Gas Shortage	
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		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	200	200				
112	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	39	46	46				
113	Ammura	HFO (QRPP)	7x7.79	50	50	6	40	40	40				
114	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	72	90	100	100				
115	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	48	48	48				
116	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	8	50	50	50				
117	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	35	35	35				
118	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	201	165	200	200				
119	Sirajganj CAPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	165	152	200	200				
120	Sirajganj CAPP-3	Gas (NWPGL)	1x141+1x79	220	220	207	154	200	200				
121	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	351	330	350	350				
122	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
123	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	12	14	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	25	52	43	43				
126	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	108	108	108	108				
Rajshahi Zone Total				1948	1938	1243	1420	1780	1780	111	0		
127	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	10.05.19
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	68	64	68	68	21		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	0	17	17				
130	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	18	18	18				
Rangpur Zone Total				564	484	252	266	287	287	111	85		
Sub-total: Plants in operation				18192	17649	9928	12022	13907	14449	1689	495		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						9409	11171	13181	13694				
Gross Total				18192	17649	9928	12022	13907	14449	1689	495		

(B)		Actual data of 30.04.19 (Yesterday)		Tuesday :		Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
01.	Max. Demand (Generation end)	:	12022.00	MW	at = 20:00 hrs	12.	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
02.	Max. Demand (Sub-station end)	:	11171.00	MW	at = 20:00 hrs			MW	MW	MW		MW	MW	MW
03.	Highest Generation (Generation end)	:	12022.00	MW	at = 20:00 hrs									
04.	Minimum Generation (Generation end)	:	8756.60	MW	at = 8:00 hrs	Dhaka	4395	4395	0	Mymensingh	895	895	0	
05.	Day-peak Generation (Generation end)	:	9928.00	MW	at = 12:00 hrs	Chattogram	1234	1234	0	Sylhet	410	410	0	
06.	Evening-peak Generation (Generation end)	:	12022.00	MW	at = 20:00 hrs	Khulna	1319	1319	0	Barishal	262	262	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW	at = 20:00 hrs	Rajshahi	1319	1319	0	Rangpur	262	262	0	
08.	Actual Minimum Generation up to 8:00 hrs.	:	7695.08	MW		Cumilla	1075	1075	0					
09.	Generation shortfall at evening peak due to :	:								Total	11171	11171	0	
	a) Gas limitation	:	1418	MW		13.	Fuel cost :	(a) Gas = 102323399 Taka	(c) Coal = 27067205 Taka					
	d) Coal supply Limitation	:	111	MW			(b) Oil = 466274403 Taka	Total = 129390604 Taka						
	b) Low water level in Kaptai lake	:	160	MW										
	c) Plants under shut down/ maintenance	:	495	MW										
10.	Total Energy (Generation + India Import)	:	248.41	MKWh		14.	Maximum Temperature in Dhaka was :	35.6° C						
	By Gas = 152.707 MKWh			By Oil = 64.383 MKWh		15.	Export through East-West interconnections :							
	By Coal = 6.099 MKWh			By Hydro = 0.977 MKWh			At evening peak-hour	:	-100	MW	at	20:00 hrs		
	By Solar= 0.143 MKWh						Maximum	:	-280	MW	at	3:00 hrs		
							Energy	:	0.8335	MKWh				
11.	Total Gas Supplied	:	1340.94	MMCFD										

(C)		Forecast of 01.05.19 (Today)		Wednesday :		04.		05.		06.	
01.	Maximum Demand	:	11500	MW	(Generation end)		Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)
02.	Maximum Generation	:	14449	MW	(Generation end)		Total Generation	:	237.62	MKWh	
03.	Maximum Shortage	:	-2949	MW	(Generation end)		Probable Max. Temperature in Dhaka :	:	35.6° C		

\* Captive Power \*\* Imported Power

#Remarks: Highest Generation 12200MW on 29-04-2019 at 19:30

(MONIRUZZAMAN)  
Deputy Secretary, Generation