



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

Office of the Member, Generation  
Tel : 9564667, 9551095

Month April, 2019				Day : Monday				Date : 29.04.19			
Probable Maximum Demand : 12200 MW				Probable Maximum Generation : 13767 MW							
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 77.44 ft				Today = 77.44 ft			
				Rule Curve = 82.60 ft							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.04.19 (Yesterday)		29.04.19 (Today)		28.04.19 (Yesterday)		Status of Machines under shut-down/ Maintenance
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for : Gas/water/Coal limitation MW		
					Day	Evening	Day	Evening	Machines shut down (MW)	Description/ Remarks	
(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	180	181	200	200		On Test
	e) Ghorasal ST-Unit-5	Gas (PDB)	1 x 210	210	190	170	170	0	0	20	Gas Shortage
2	Ghorasal CCGP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	300	300	300	300		
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	0	0	50	50		
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	0	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	100	110	110	110		
8	Horipur Power CCGP	Gas (IPP)	1x235+1x125	360	360	348	330	360	360		
9	Meghnaghat CCGP	Gas (IPP)	2x140+1x170	450	450	225	370	450	450		
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Gas Shortage
11	Horipur 412MW CCGP	Gas (EGCB)	1x273+1x139	412	412	330	326	412	412		
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210	Gas Shortage
13	Siddhirganj CCGP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	0	0	0		
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	0	0		
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	38	98	100	100		
16	Meghnaghat CCGP (Summit)	GAS/HSD (IPP)	2x110+1x110	305	305	250	260	335	335		
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	92	100	100	100		
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	45	100	100	100		
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	45	55	55	55		
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	10	87	100	100		
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	101	101	102	102		
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	16	22	22		
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	49	35	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	51	50	51	51		
	Gazipur 100 MW	HFO (RPCL)				90	91	100	100		On Test
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	82	149	149	149		
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	6	11	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	28	300	300	300		
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	89	149	149	149		
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	209	300	300		
33	Bramhangao 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	99	100	100		
34	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	101	100	100		
35	Southern Power	HFO (IPP)	3x19.3	55	55	55	0	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	58	58	60	60		
Dhaka Zone Total				6034	5798	2946	4060	4518	4518	490	0
38	Kaptai Hydro-Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	97	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	25	25	25		
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	18.4	0	20	0		
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	47	40	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	145	145	150	150		
45	Sikalbaha 225 MW CCGP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	229	230	225	225		
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	0	8	40	40		
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	66	54	55	55		
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	80	92	100	100		
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	66	85	85	85		
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	0	80	80		
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	14	14	14	20		
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			2	20	2	20		
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	84	97	104	104		
Chattogram Zone Total				1761	1681	973.4	980	1146	1150	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	27	27	27	27		
55	Ashuganj CCGP 225 MW	Gas (APSCL)	1x142+1*75	221	221	181	182	221	221		
56	Ashuganj CCGP(South)	Gas (APSCL)	1x360	360	360	300	280	360	360		
57	Ashuganj CCGP(North)	Gas (APSCL)	1x361	360	360	320	280	360	360		
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	51	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	150	148	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	30	150	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	50	0	50		
65	Chandpur CCGP	Gas (PDB)	1X106+1x57	163	163	0	90	100	100		
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	17	17	17	17		
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	21	22	22	22		
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11		
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	0	33	33		
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	43	52	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	100	200	200		
**	Tripura	India		160	160	152	178	152	186		
Cumilla Zone Total				2951	2891	1371	1711	1979	2063	398	0
73	RPCL CCGP	Gas (IPP)	4x35+1x70	210	202	124	128	140	140	74	Gas Shortage
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	17	17	17		
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	85	93	95	95		
76	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	101	112	115	115		
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	16	170	200	200		
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	0.7	0	2	0		
Mymensingh Zone Total				645	637	343.7	520	569	567	74	0

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.04.19 (Yesterday)		29.04.19 (Today)		28.04.19 (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	56	58	60	60				
80	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	49	0	60	60				
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	47	49	50	50				
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	47	50	50				
83	Kushiara 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	130	130	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	44	34	66	66				
86	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	216	217	217	217				
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	80	79	86	86				
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	44	46	46	46				
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	104	0	100	120				
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	0	0	20				
91	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	40	40	41	41				
92	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
93	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	25	16	25	25				
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	260	265	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	1182	1002	1326	1366	0	0		
95	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	16	0	40				
96	Bheramara 360 MW CAPP	Gas (NWPGLCL)	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	20	40	40				
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	72	50	80				
99	Khulna CAPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	0	0	0	0				
100	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	83	115	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	32	40	40	40				
103	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	105	105	105	105				
	Modhumati Power Plant	HFO (IPP)				91	90	108	108			On Test	
**	Bheramara HVDC Interconnector	India		1000	1000	850	949	864	962				
Khulna Zone Total				2223	2209	1161	1504	1422	1590	0	410		
104	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	10	0	26				
105	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	16	100	110	110				
106	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	27	32	33	33				
107	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	178	177	178	178				
108	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	91	97	95	95				
Barishal Zone Total				472	462	312	416	416	442	0	0		
109	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	55	0	0	0	71		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	43	50	50				
111	Baghabari 200MW (Paramount)	HSD (IPP)	135x1.6	200	200	0	10	200	200				
112	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	47	46	46				
113	Amnura	HFO (QRPP)	7x7.79	50	50	6	40	40	40				
114	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	83	93	100	100				
115	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	48	48	48				
116	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	24	50	50	50				
117	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	35	35	35				
118	Sirajganj CAPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	180	173	200	200				
119	Sirajganj CAPP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	184	192	200	200				
120	Sirajganj CAPP-3	Gas (NWPGLCL)	1x141+1x79	220	220	209	189	200	200				
121	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	417	300	370	414				
122	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
123	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	16	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	24	43	43	43				
126	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	70	108	108	108				
Rajshahi Zone Total				1948	1938	1301	1420	1740	1784	171	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	66	70	68	68	15		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	17	17				
130	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	18	18	18				
Rangpur Zone Total				564	484	250	289	287	287	105	85		
Sub-total: Plants in operation				18192	17649	9840	11902	13403	13767	1698	495		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						9305	10978	12674	13019				
Gross Total				18192	17649	9840	11902	13403	13767	1698	495		
(B) Actual data of 28.04.19 (Yesterday) Sunday :													
01.	Max. Demand (Generation end)	:	11902.00	MW, at = 19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	10978.00	MW, at = 19:30 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	11902.00	MW, at = 19:30 hrs			MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	8761.30	MW, at = 8:00 hrs		Dhaka	4457	4457	0	Mymensingh	797	797	0
05.	Day-peak Generation (Generation end)	:	9840.10	MW, at = 12:00 hrs		Chattogram	1178	1178	0	Sylhet	308	308	0
06.	Evening-peak Generation (Generation end)	:	11902.00	MW, at = 19:30 hrs		Khulna	1352	1352	0	Barishal	280	280	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:30 hrs		Rajshahi	1352	1352	0	Rangpur	280	280	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	8745.40	MW		Cumilla	974	974	0				
09.	Generation shortfall at evening peak due to :	:								Total	10978	10978	0
	a) Gas limitation	:	1433	MW	13.	Fuel cost :	(a) Gas = 96972601 Taka		(c) Coal = 26180621 Taka				
	d) Coal supply Limitation	:	105	MW			(b) Oil = 503407666 Taka		Total = 123153222 Taka				
	b) Low water level in Kaptai lake	:	160	MW									
	c) Plants under shut down/ maintenance	:	495	MW									
10.	Total Energy (Generation + India Import)	:	248.16	MKWh	14.	Maximum Temperature in Dhaka was : 36° C							
	By Gas = 146.636	MKWh		By Oil = 69.909	MKWh	15.	Export through East-West interconnections :						
	By Coal = 5.949	MKWh		By Hydro = 1.301	MKWh		At evening peak-hour	:	-260	MW, at	19:30	hrs	
	By Solar= 0.137	MKWh					Maximum	:	-320	MW, at	1:00	hrs	
							Energy	:	1.3475	MKWh			
11.	Total Gas Supplied	:	1214.25	MMCFD									
(C) Forecast of 29.04.19 (Today) Monday :													
01.	Maximum Demand	:	12200	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	13767	MW (Generation end)	05.	Total Generation : 254.38 MKWh							
03.	Maximum Shortage	:	-1567	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 40.4° C							

\* Captive Power \*\* Imported Power

#Remarks: Highest Generation 12067MW on 25-04-2019 at 21:00

(MONIRUZAMAN)  
Deputy Secretary, Generation