



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month April, 2019				Day : Sunday				Date : 28.04.19				
Probable Maximum Demand : 12000 MW				Probable Maximum Generation : 14065 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 77.92 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)	27.04.19 (Yesterday)		28.04.19 (Today)		27.04.19 (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)		
(A) Plants in operation:												
1	a) Ghorasal ST:Unit -1	Gas (PDB)	1 x 55	55	40	0	37	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	94	94	0	0		On Test	
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	0	100	200	200		On Test	
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	190	170	170	170	20	Gas Shortage	
2	Ghorasal CCGP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	320	300	300	300			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	97	12	0	0			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	30	20	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	110	110	110			
8	Horipur Power CCGP	Gas (IPP)	1x235+1x125	360	360	340	330	360	360			
9	Meghnaghat CCGP	Gas (IPP)	2x140+1x170	450	450	430	430	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	377	330	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	92	0	0	0	210	Gas Shortage	
13	Siddhirganj CCGP-335 MW GT	Gas (EGCB)	1 x 217	217	217	214	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	0	90	100	100			
16	Meghnaghat CCGP (Summit)	GAS/HSD (IPP)	2x110+1x110	305	305	270	270	335	335			
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	6	100	100	100			
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	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	0	88	100	100			
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	32	102	102	102			
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	16	16	22	22			
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	48	50	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	25	33	33	33			
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	42	50	51	51			
	Gazipur 100 MW	HFO (RPCL)				89	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	0	299	300	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	50	149	149	149			
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300			
33	Bramhangao 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	20	100	100			
34	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	21	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	55	56	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	59	60	60	60			
Dhaka Zone Total				6034	5798	3134	3893	4598	4598	490	0	
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	110	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	16	25	25	25			
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	17	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	40	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	142	145	150	150			
45	Sikalbaha 225 MW CCGP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	226	230	225	225			
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	0	0	0	0			
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	80	55	55	55			
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	92	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	74	80	80	80			
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	0	10	13	20			
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			2	22	10	20			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	104	104	104			
Chattogram Zone Total				1761	1681	899	1066	1113	1110	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	23	27	27	27			
55	Ashuganj CCGP 225 MW	Gas (APSCL)	1x142+1*75	221	221	200	221	221	221			
56	Ashuganj CCGP(South)	Gas (APSCL)	1x360	360	360	330	320	360	360			
57	Ashuganj CCGP(North)	Gas (APSCL)	1x361	360	360	330	360	360	360			
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	52	52	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	148	147	100	100			
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	35	25	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 CCGP	Gas (PDB)	1X106+1x57	163	163	0	0	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	0	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	30	200	200			
**	Tripura	India		160	160	136	172	142	178			
Cumilla Zone Total				2951	2891	1519	1660	1919	2005	398	0	
73	RPCL CCGP	Gas (IPP)	4x35+1x70	210	202	174	138	140	140	64	Gas Shortage	
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	17	20	20			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	35	92	95	95			
76	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	100	111	115	115			
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	0	150	200	200			
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.2	0	2	0			
Mymensingh Zone Total				645	637	328.2	508	572	570	64	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.04.19 (Yesterday)		28.04.19 (Today)		27.04.19 (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	55	60	60				
80	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	58	58	60	60				
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	50	50	50	50				
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	50	50	50				
83	Kushiara 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	163	100	163	163				
84	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
85	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	61	63	66	66				
86	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	218	217	217	217				
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	79	84	86	86				
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	43	46	46	46				
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	0	0	50	50				
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	18	19	20	20				
91	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	39	41	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	16	24	25	25				
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	290	275	341	341				
	Bibiana- 3	Gas (PDB)				54	260	285	285			On Test	
Sylhet Zone Total				1594	1549	1213	1363	1581	1581	0	0		
95	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	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	25	40	40				
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	62	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	103	115	115	115				
101	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	94	100	100				
102	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	32	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	851	939	861	960				
Khulna Zone Total				2223	2209	1189	1462	1419	1588	0	410		
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	110	110	110				
106	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	13	35	33	33				
107	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	153	177	178	178				
108	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	91	97	95	95				
Barishal Zone Total				472	462	257	419	416	442	0	0		
109	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	0	0	50	50	71		Gas Shortage	
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	60	75	50	50	25		Gas Shortage	
110	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	50	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	46	46	46				
113	Amnura	HFO (QRPP)	7x7.79	50	50	6	40	40	40				
114	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	96	100	100				
115	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	48	48	48				
116	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	43	50	50	50				
117	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	25	35	35				
118	Sirajganj CAPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	205	180	200	200				
119	Sirajganj CAPP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	202	178	200	200				
120	Sirajganj CAPP-3	Gas (NWPGLCL)	1x141+1x79	220	220	0	191	200	200				
121	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	270	289	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	17	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	42	43	43	43				
126	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	108	108	108	108				
Rajshahi Zone Total				1948	1938	1035	1469	1840	1884	96	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	0	0	68	68	85		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	15	17	17				
130	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	13	18	18				
Rangpur Zone Total				564	484	184	212	287	287	175	85		
Sub-total: Plants in operation				18192	17649	9758	12052	13745	14065	1683	495		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						9163	10921	12907	13207				
Gross Total				18192	17649	9758	12052	13745	14065	1683	495		
(B) Actual data of 27.04.19 (Yesterday) Saturday :													
01.	Max. Demand (Generation end)	:	12052.00	MW, at = 19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	10921.00	MW, at = 19:30 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	12052.00	MW, at = 19:30 hrs			MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	8240.90	MW, at = 8:00 hrs		Dhaka	4395	4395	0	Mymensingh	904	904	0
05.	Day-peak Generation (Generation end)	:	9758.20	MW, at = 12:00 hrs		Chattogram	1188	1188	0	Sylhet	451	451	0
06.	Evening-peak Generation (Generation end)	:	12052.00	MW, at = 19:30 hrs		Khulna	1231	1231	0	Barishal	299	299	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:30 hrs		Rajshahi	1231	1231	0	Rangpur	299	299	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	8761.30	MW		Cumilla	923	923	0				
09.	Generation shortfall at evening peak due to :	:								Total	10921	10921	0
	a) Gas limitation	:	1348	MW	13.	Fuel cost :	(a) Gas = 100546476 Taka			(c) Coal = 17362280 Taka			
	d) Coal supply Limitation	:	175	MW			(b) Oil = 471037764 Taka			Total = 117908756 Taka			
	b) Low water level in Kaptai lake	:	160	MW									
	c) Plants under shut down/ maintenance	:	495	MW									
10.	Total Energy (Generation + India Import)	:	243.36	MKWh	14.	Maximum Temperature in Dhaka was : 35.5° C							
	By Gas = 146.556	MKWH		By Oil = 66.981	MKWh	15.	Export through East-West interconnections :						
	By Coal = 4.498	MKWh		By Hydro = 1.690	MKWh		At evening peak-hour	:	-190	MW, at 19:30 hrs			
	By Solar= 0.142	MKWH					Maximum	:	-390	MW, at 3:00 hrs			
							Energy	:	2.2055	MKWh			
11.	Total Gas Supplied	:	1324.27	MMCFD									
(C) Forecast of 28.04.19 (Today) Sunday :													
01.	Maximum Demand	:	12000	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	14065	MW (Generation end)	05.	Total Generation : 242.31 MKWh							
03.	Maximum Shortage	:	-2065	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 38.6° C							

* Captive Power ** Imported Power
#Remarks: Highest Generation 12067MW on 25-04-2019 at 21:00

(MONIRUZAMAN)
Deputy Secretary, Generation