

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551085

Month April, 2021		Probable Maximum Demand : 13200 MW			Day : Sunday				Date : 04.04.21					
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 84.10 ft			Today = 83.78 ft				Rule Curve = 87.40 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.04.21 (Yesterday)		04.04.21 (Today)		03.04.21 (Yesterday)	04.04.21 (Today)	Gen. shortfall for : Gas/Water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Actual Peak Generation (MW)	Probable Peak Generation (MW)						
						Day	Evening	Day	Evening					
(A) Plants in operation:														
1	a) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0			170	Under Repowering	
	b) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0			180	Under Repowering	
	c) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	170	170	170	170					
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	300	300	300	300					
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	100	97	100	100					
4	Ghorasal 78.5 MW PPI(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0				Contract Expired on 08/01/2021	
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0			105	CB Problem	
6	Hariapur GTPP	Gas (PDB)	1 x 32	32	20	0	0	0	0			20	Gas Shortage	
7	Hariapur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	174	159	360	360			201	Gas Shortage	
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	320	320	450	450					
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0			115	Under Overhauling	
10	Hariapur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	353	290	412	412			122	Gas Shortage	
11	Siddhirgonj 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	180	175	0	180					
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	219	221	222	222			114	ST under maint.	
13	Siddhirgonj 100 PPI(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	100	100	100					
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	265	265	270	270			40	dirty in gas	
15	Meghnaghat 100 MW(LEL)	HFO (QRPP)	12x8.9	100	100	0	100	100	100					
16	Madanganj 102 PPI(Summit)	HFO (QRPP)	6x17	102	100	0	0	0	0					
17	Madanganj-55 MW PPI(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	26	55	55	55					
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	60	100	100					
19	Gagnagar 102 MW PP (Digital Powe)	HFO (IPP)	12x8.524	102	102	32	102	100	100					
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22					
21	Summit Power (Madhabati-Ashulia)	Gas (SIPP, REB)	6x8.97+6x7.73	80	80	55	55	58	58					
22	Masna 33 MW PPI(Summit)	Gas (SIPP, REB)	4x8.75	33	33	30	33	33	33					
23	Rupganj 33 MW PPI(Summit)	Gas (SIPP, REB)	4x8.75	33	33	25	25	25	25					
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	25	51	52	52					
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	50	105	105	105					
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	150	149	149					
27	Katpodi 52 MW PP (Sinha)	HFO (IPP)	7x7.50	51	51	0	0	0	0					
28	Kamalghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	35	35	54	54					
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	300	300	300					
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	140	149	149	149					
31	Karanganj 300 MW PP (APR)	HSD (IPP)	25x11.4	300	300	0	264	100	300					
32	Bramangan 100 MW PP (Aggregate)	HSD (IPP)	23x0.85+9x1x.959	100	100	0	25	50	100					
33	Aurahi 100MW PP (Aggregate)	HSD (IPP)	23x0.85+9x1x.959	100	100	0	27	100	100					
34	Nabaganj 55 MW PP (Southern po)	HFO (IPP)	3x19.3	55	55	55	35	55	55					
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	53	55	55	55					
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0					
37	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	95	104	104	104					
38	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	0	144	144	144					
	Spectra Solar Plant Ltd.	Solar (IPP)				29	0	30	0					
Dhaka Zone Total				6171	5972	2753	3993	4324	4724	383	684			
39	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	108	71	71	71	159			Low Water Level	
40	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	0	0	0	0			180	Under maint.	
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0			180	Under maint.	
41	Kaptai 7 MW Solar PP	Solar (PDB)	7	7	7	5	0	5	0					
42	Raccan 25 MW PP	HFO (RPCL)	3x8.9	25	25	8	25	25	25					
43	Teknaf 20MW PP (SolarTech)	Solar (IPP)	1x20	20	20	17	0	20	0					
44	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	49	50	50					
45	Sikalbaha 105 MW PP (Baraka Sika)	HFO (IPP)	6x18.415	105	105	0	0	50	100					
46	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	120	130	130	130	130					
47	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	30	229	225	225					
48	Anwara 300 MW PP (Uniled)	HFO (IPP)	17x17.076+ 3x8.94	300	300	0	52	300	300					
49	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	100	88	100	100					
50	Juldah 100 MW Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	50	100	100	100					
51	Dohazari -Kalash 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	68	85	85					
52	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0					
53	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22					
*	Malancha, Ctg,EPZ (Uniled)	Gas	5x8.73+3x9.34			2	29	15	20					
54	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	94	92	92					
55	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	54	54	54	54					
56	Kamaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	18	0	110	110					
57	Juldah unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	100	100	100	100					
58	Chattogram 116 MW PP (Arima En)	HFO (IPP)	6x21.06	116	116	112	116	116	116					
Chattogram Zone Total				2442	2382	746	1227	1670	1700	159	360			
59	a) Ashuganj TPP Unit- 3	Gas (APSCCL)	1 x 150	150	135	0	110	120	120	25			Gas Shortage	
	b) Ashuganj TPP Unit- 4	Gas (APSCCL)	1 x 150	150	129	0	0	0	0	129			Gas Shortage	
	c) Ashuganj TPP Unit- 5	Gas (APSCCL)	1 x 150	150	134	130	0	0	0	134			Gas Shortage	
60	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	26	26	26	26					
61	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1175	221	221	200	216	225	225					
62	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	320	250	330	330					
63	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x360	360	360	50	260	360	360					
64	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	50	30	50	50					
65	Ashuganj 195MW PP (APSCCL-Uniled)	Gas (IPP)	20'9.73+11'16	195	195	45	8	8	8	187			Gas shortage	
66	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	0	0	0	0	51			Gas Shortage	
67	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	0	0	0					
68	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	43	0	50					
69	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	141	134	140	140					
70	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	180	200	200	200					
71	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	21	22	22					
72	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	8	11	11					
73	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33					
74	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	52	52	52					
75	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	20	20	20	20					
76	Daukandi 200 MW PP (B.Trac)	HSD (IPP)	89x1.4+8x1.559+15x1.058	200	200	0	73	100	200					
77	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7'18.415+1'9.78	114	114	0	114	114	114					
78	Chowmuhani 113 MW	HFO (IPP)	12'9.78+2'3.1	113	113	22	113	113	113					
**	Imporct (Tripura)	India		160	160	132	156	151	168					
	Bhairab 54.5 MW	HFO (IPP)				0	37	37	37					

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.04.21 (Yesterday)		04.04.21 (Today)		03.04.21 (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)				
87	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	41	42	44	44			28	GT-1 Load gear problem	
88	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	46	43	43	43			47	Under maint.	
89	Fenchugonj 51 MW PP (Barakatula)	Gas (RPP)	19x2.90	51	51	45	53	51	51					
90	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	0	0	0	0				Contract Expired on 14/02/2021	
91	Kushara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	0	90	163	163					
92	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11					
93	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	32	35	34	34			31	Under maint.	
94	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+1x110	330	330	164	164	165	165			166	STG under maint.	
95	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	3x2.90	86	86	74	80	80	80					
96	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	204	225	225	225					
97	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	18	20	20					
98	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0				Contract Expired on 04/01/2020	
99	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	7	9	10	10					
100	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	16	16	16					
101	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	285	341	341					
102	Bibiana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	402	368	400	400					
103	Bibiyana South 383 MW CCPP	Gas (PDB)	1x252+1x131	383	383	398	370	350	350					
**	Shahjibazar 100 MW GTPP	Gas (PDB)				0	0	0	0				On Test	
Sylhet Zone Total				2416	2371	1768	1809	1953	1953	0	272			
104	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16					
105	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	395	355	400	400	55			Gas Shortage	
106	Fandpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	4	19	20	20					
107	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	60	60					
108	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	220					
109	Khulna 115 PP MW (KPLC-2)	HFO (QRPP)	7x17	115	115	83	99	99	99					
110	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	100	50	100					
111	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40					
112	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	35	93	100	100					
113	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100					
**	Bheramara (HVDC)	India		1000	1000	838	589	843	843					
Khulna Zone Total				2288	2284	1355	1295	1712	1998	55	0			
114	Bansal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	96	110	110					
115	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	18	30	33	33					
116	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	65	52	70	70			142	GT-2 & STG Under maint.	
117	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	35	95	95	95					
118	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	420	600	622	622					
119	Potlukhal 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	0	150	150					
**	Bhola Nutan Biddut BD LTD	Gas/HSD (IPP)				0	0	0	0					
Barishal Zone Total				1826	1826	538	873	1080	1080	0	142			
120	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	65	65	65	65	6			Gas Shortage	
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100			Gas Shortage	
121	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50	50	50					
122	Baghabari 200 MW PP (Paramount)	HSD (IPP)	13x1.6	200	200	0	0	200	200					
123	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	27	40	40					
124	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	0	0					
125	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.524	104	104	0	92	100	100					
126	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	31	40	40					
127	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	0	0					
128	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	27	0	34					
129	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	143	144	150	150					
130	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	195	216	220	220					
131	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	209	186	210	210					
132	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	0	0	0	0			414	Under maint.	
133	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	20	22	22	22					
134	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	0	0	0				Contract Expired on 12/11/2020	
135	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11					
136	Natore 52 MW PP (Rajshahi)	HFO (IPP)	6x8.52	52	52	8	52	52	52					
137	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6'18.55	113	113	113	113	113	113					
138	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	94	94	113	113					
Rajshahi Zone Total				2193	2183	858	1130	1386	1420	106	414			
139	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	85				Coal Shortage	
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	85				Coal Shortage	
140	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	149	150	150	125			Coal Shortage	
141	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	10	10					
142	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7'16x 2'3	113	113	106	113	113	113					
143	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	5	0	0					
144	Majpara, Taula 8 MW Solar PP (Sympa Po)	Solar (IPP)	1 x 8	8	8	7	0	8	0					
Rangpur Zone Total				685	605	263	267	281	273	295	0			
Sub-total: Plants in operation				21778	21312	10126.0	13018	15138	15995	1605	1872			
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						9539	12263	14260	15067					
(B) Contract expired power plants														
Sub-Total: Plants under long term maintenance														
Gross Total				21778	21312	10126	13018	15138	15995	1605	1872			
(C) Actual data of 03.04.21 (Yesterday) Saturday :														
01.	Max. Demand (Generation end)	:	13018.00 MW, at = 21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
02.	Max. Demand (Sub-station end)	:	12263.00 MW, at = 21:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed		
03.	Highest Generation (Generation end)	:	13018.00 MW, at = 21:00 hrs		MW	MW	MW	MW	MW	MW	MW	MW		
04.	Minimum Generation (Generation end)	:	9365.00 MW, at = 9:00 hrs		Dhaka	4377	4377	0	Mymensingh	1024	1024	0		
05.	Day-peak Generation (Generation end)	:	10126.00 MW, at = 12:00 hrs		Chattogram	1233	1233	0	Sylhet	445	445	0		
06.	Evening-peak Generation (Generation end)	:	13018.00 MW, at = 21:00 hrs		Khulna	1552	1552	0	Barishal	328	328	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 21:00 hrs		Rajshahi	1361	1361	0	Rangpur	754	754	0		
08.	Minimum Generation Forecast up to 8:00 hrs.	:	9606.00 MW, at = 5:00 hrs		Cumilla	1189	1189	0						
09.	Generation shortfall at evening peak due to :	:			Total 12263 12263 0									
a)	Gas limitation	:	1151 MW	13.	Fuel cost :	(a) Gas = 167915106 Taka (c) Coal = 76029131 Taka								
d)	Coal supply Limitation	:	295 MW			(b) Oil = 560325380 Taka Total = 804269617 Taka								
b)	Low water level in Kaptai lake	:	159 MW											
c)	Plants under shut down/ maintenance	:	1872 MW											
10.	Total Energy (Generation + India Import)	:	268.45 MCKWh	14.	Maximum Temperature in Dhaka was :	34.9° C								
	By Gas = 153.460 MCKWh		By Oil = 74.349 MCKWh	15.	Export through East-West interconnections :	At evening peak-hour : -668 MW, at 21:00 hrs								
	By Coal = 16.459 MCKWh		By Hydro = 2.161 MCKWh			Maximum : -668 MW, at 21:00 hrs								
	By Solar = 0.616 MCKWh					Energy : 3.0095 MCKWh								
11.	Total Gas Supplied	:	1274.62 MCKWh											
(D) Forecast of 04.04.21 (Today) Sunday :														
01.	Maximum Demand	:	13200 MW (Generation end)	04.	Maximum Load-shed	:	0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	15995 MW (Generation end)	05.	Total Generation	:	272.21 MCKWh							
03.	Maximum Shortage	:	-2795 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	35.2° C								

* Captive Power ** Imported Power

#Remarks: Highest Generation 13018MW on 03-04-2021 at 21:00

(Faouzi Islam Shaker)
Deputy Secretary, Generation