

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

Office of the Member, Generation
Tel : 9564667, 9551095

Month March, 2021		Probable Maximum Demand : 12800 MW		Day : Monday		Probable Maximum Generation : 16054 MW		Date : 29.03.21					
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 86.24 ft		Today = 85.96 ft		Rule Curve = 88.51 ft							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.03.21 (Yesterday)		29.03.21 (Today)		28.03.21 (Yesterday) Probable Peak Generation (MW)	28.03.21 (Yesterday) Gen. shortfall for : Gas/water/Coal limitation (MW)	Machines shut down (MW)	Description/ Remarks	Probable start-up date
					Actual Peak Generation (MW)	Evening	Actual Peak Generation (MW)	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	240	300	300	300				
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	90	98	99	99				
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	Hariপুর GTPP	Gas (PDB)	1 x 32	32	20	0	0	0	0		20	Gas Shortage	
7	Hariপুর 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	160	166	200	200		194	Gas Shortage	
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	420	400	450	450				
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0		115	Under Overhauling	
10	Hariপুর 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	321	325	340	350		87	Gas Shortage	
11	Siddhirgonj 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	180	145	120	150				
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	216	220	220	220		115	ST under maint.	
13	Siddhirgonj 100 PPI(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	65	100	100	100				
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	230	230	235	235		75	dirty in gas	
15	Meghnaghat 100 MW(LEL)	HFO (QRPP)	12x8.9	100	100	38	100	100	100				
16	Madanganj 102 PPI(Summit)	HFO (QRPP)	6x17	102	100	48	96	100	100				
17	Madanganj-55 MW PPI(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	45	55	55	55				
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	72	85	85				
19	Gagnagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	24	102	100	100				
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	16	0	22	22				
21	Summit Power (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x8.97+8x7.73	80	80	50	55	58	58				
22	Masna 33 MW PPI(Summit)	Gas (SIPP, REB)	4x8.75	33	33	33	33	33	33				
23	Rupganj 33 MW PPI(Summit)	Gas (SIPP, REB)	4x8.75	33	33	33	33	33	33				
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	2	34	52	52				
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	58	90	105	105				
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	48	149	149	149				
27	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	50	50				
28	Kamalghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	54	54	54				
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	45	278	300	300				
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	105	121	149	149				
31	Karanganj 300 MW PP (APR)	HSD (IPP)	25x11.4	300	300	0	0	100	300				
32	Bramhangonj 100 MW PP (Aggregate)	HSD (IPP)	23x0.85+9x1x.959	100	100	0	0	50	100				
33	Aurahi 100MW PP (Aggregate)	HSD (IPP)	23x0.85+9x1x.959	100	100	0	0	100	100				
34	Nabaganj 55 MW PP (Southern part)	HFO (IPP)	3x19.3	55	55	55	55	55	55				
35	Manikganj 55 MW PP (Northern part)	HFO (IPP)	3x19.3	55	55	55	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	104	104	104	104				
38	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	37	144	144	144				
	Spectra Solar Plant Ltd.	Solar (IPP)				29	0	30	0				
Dhaka Zone Total				6171	5972	2971	3784	4317	4577		376	685	
39	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	70	70	70	70		160		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	2	0	5	0				
42	Raccan 25 MW PP	HFO (RPCL)	3x8.9	25	25	17	25	25	25				
43	Teknaf 20MW PP (SolarTech)	Solar (IPP)	1x20	20	20	8	0	20	0				
44	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	20	45	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	150	120	120	120	120				
47	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	193	182	190	190				
48	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.94	300	300	10	33	300	300				
49	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	80	80	100	100				
50	Juldah 100 MW Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	100	100	100	100				
51	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	65	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	19	20	22	22				
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			3	12	10	15				
54	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	87	90	90				
55	Sikalbaha 54 MW Power Plant(Jodiak 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	0	0	110	110				
57	Juldah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	100	100	100	100				
58	Chattogram 116 MW PP (Arima En)	HFO (IPP)	6x21.06	116	116	42	116	116	116				
Chattogram Zone Total				2442	2382	838	1109	1617	1647		160	360	
59	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	80	80	100	100		55	Gas Shortage	
	b) Ashuganj TPP Unit- 4	Gas (APSCL)	1 x 150	150	129	0	0	0	0		129	Gas Shortage	
	c) Ashuganj TPP Unit- 5	Gas (APSCL)	1 x 150	150	134	80	100	80	80		34	Gas Shortage	
60	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	26	26	26	26				
61	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1175	221	221	202	212	225	225				
62	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	280	270	300	300				
63	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x360	360	360	280	260	300	300				
64	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	30	47	50	50				
65	Ashuganj 195MW PP (APSCL-United)	Gas (IPP)	20'9.73+11'16	195	195	8	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	Tilas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50				
69	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	86	95	90	90				
70	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	65	100	200	200				
71	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
72	Feni 11 MW PP (Doreen)	Gas (SIPP, PDB)	4x2.90	11	11	8	11	11	11				
73	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	33	33	33				
74	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	8	52	52	52				
75	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	13	20	20	20				
76	Daukandi 200 MW PP (B.Trac)	HSD (IPP)	89x4+8x1.559+15x1.058	200	200	0	0	100	200				
77	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7'18.415+1'9.78	114	114	0	17	114	114				
78	Chowmuhani 113 MW	HFO (IPP)	12'9.78+2'3.1	113	113	94	113	113	113				
**	Imporot (Tripura)	India		160	160	144	160	151	168				
	Bhairab 54.5 MW	HFO (IPP)				4	0	0	0				
Cumilla Zone Total				3040	2980	1452	1626	1995	2162		456	0	
79	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	123	145	150	150				
80	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	20	22	22				
81	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	16	74	77	77				
82	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115									

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.03.21 (Yesterday)		29.03.21 (Today)		28.03.21 (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 CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	43	44	44	44			
88	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30			
89	Fenchugonj 51 MW PP (Barakatula)	Gas (RPP)	19x2.90	51	51	50	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 CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	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	0	0	0	0			66 Under maint.
94	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+1x110	330	330	137	137	150	150			193 STG under maint.
95	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	72	77	81	81			
96	Sylhet 225 MW CAPP	Gas (PDB)	1x142+1x89	231	231	150	150	150	150			81 Water Problem
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	8	10	10			
100	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	16	16	16			
101	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	300	341	341			
102	Bibiana-III 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	404	329	400	400			71 Gas Shortage
103	Bibiana South 383 MW CAPP	Gas (PDB)	1x252+1x131	383	383	72	190	310	310			193 Gas Shortage
104	Shahjibazar 100 MW GTPP	Gas (PDB)				0	0	0	0			On Test
Sylhet Zone Total				2416	2371	1473	1526	1777	1777	71	426	
104	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16			
105	Bheramara 410 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	400	320	400	400			90 Gas Shortage
106	Fandpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	2	0	25	25			
107	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	3	60	60			
108	Khulna 225 MW CAPP	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 (Kharjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	33	40	40			
112	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	70	94	90	95			
113	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100			
**	Bheramara (HVDC)	India		1000	1000	721	839	858	858			
Khulna Zone Total				2288	2284	1276	1488	1722	2013	90	0	
114	Bansal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	80	110	110			
115	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	19	29	25	25			
116	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	50	50	70	70			144 GT-2 & STG Under maint.
117	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	75	76	95	95			
118	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	440	570	622	622			
119	Potashkhal 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	0	150	150			
120	Bhola Nutan Biddut BD LTD	Gas/HSD (IPP)				38	71	120	120			
Barishal Zone Total				1826	1826	622	876	1192	1192	0	144	
120	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	0			71 Gas Shortage
120	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)	135x1.6	200	200	0	0	200	200			
123	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	16	40	40			
124	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	42	42			
125	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	101	100	100			
126	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	32	50	50			
127	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50			
128	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	34	0	34			
129	Sirajgonj 225MW CAPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	143	144	150	150			
130	Sirajgonj 225MW CAPP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	186	193	200	200			
131	Sirajgonj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	196	190	200	200			
132	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	379	330	400	400			
133	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	20	21	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	8	11	11	11			
136	Natore 52 MW PP (Rajshahi)	HFO (IPP)	6x8.92	52	52	25	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	1164	1381	1793	1827	171	0	
139	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	85			Coal Shortage
139	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	150	150	150			124 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	112	113	113	113			
143	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	6	0	0			
144	Majpara, Taula 8 MW Solar PP (Sympa Po)	Solar (IPP)	1 x 8	8	8	6	0	8	0			
Rangpur Zone Total				685	605	288	269	281	273	294	0	
Sub-total: Plants in operation				21778	21312	10542.0	12634	15332	16054	1618	1615	
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						9952	11927	14474	15156			
(B) Contract expired power plants												
Sub-Total: Plants under long term maintenance						0	0	0	0	0	0	
Gross Total				21778	21312	10542	12634	15332	16054	1618	1615	
(C) Actual data of 28.03.21 (Yesterday) Sunday :												
01.	Max. Demand (Generation end)	: 12634.00 MW, at = 19:30 hrs	12.		Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	: 11927.00 MW, at = 19:30 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed		
03.	Highest Generation (Generation end)	: 12634.00 MW, at = 19:30 hrs	MW	MW	MW	MW	MW	MW	MW	MW		
04.	Minimum Generation (Generation end)	: 9015.00 MW, at = 6:00 hrs	Dhaka	4327	4327	0	Mymensingh	1039	1039	0		
05.	Day-peak Generation (Generation end)	: 10542.00 MW, at = 12:00 hrs	Chattogram	1181	1181	0	Sylhet	433	433	0		
06.	Evening-peak Generation (Generation end)	: 12634.00 MW, at = 19:30 hrs	Khulna	1443	1443	0	Barishal	294	294	0		
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:30 hrs	Rajshahi	1327	1327	0	Rangpur	779	779	0		
08.	Minimum Generation Forecast up to 8:00 hrs.	: 9206.00 MW, at = 5:00 hrs	Cumilla	1104	1104	0						
09.	Generation shortfall at evening peak due to :		13.		Fuel cost :							
a)	Gas limitation	: 1164 MW	(a) Gas =	171904834	Taka	(c) Coal =	75768169	Taka				
d)	Coal supply Limitation	: 294 MW	(b) Oil =	416322886	Taka	Total =	663996689	Taka				
b)	Low water level in Kaptai lake	: 1610 MW										
c)	Plants under shut down/ maintenance	: 1615 MW	14.		Maximum Temperature in Dhaka was : 36.8° C							
10.	Total Energy (Generation + India Import)	: 257.38 MMCFD	15.		Export through East-West interconnections :							
	By Gas = 156.963 MKWh	By Oil = 60.070 MKWh	At evening peak-hour : -12 MW, at 19:30 hrs									
	By Coal = 16.398 MKWh	By Hydro = 1.688 MKWh	Maximum : -40 MW, at 7:00 hrs									
	By Solar = 0.617 MKWh	Energy : 0.251 MKWh										
11.	Total Gas Supplied	: 1278.40 MMCFD										
(D) Forecast of 29.03.21 (Today) Monday :												
01.	Maximum Demand	: 12800 MW (Generation end)	04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	: 16054 MW (Generation end)	05.	Total Generation	: 260.96 MKWh							
03.	Maximum Shortage	: -3254 MW (Generation end)	06.	Probable Max. Temperature in Dhaka	: 34.9° C							

* Captive Power ** Imported Power
 #Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00

(Faouz Islam Shaker)
 Deputy Secretary, Generation