

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month February, 2021		Day : Saturday		Date : 06.02.21								
Probable Maximum Demand :		9300 MW		Probable Maximum Generation : 13707 MW								
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 95.16 ft		Today = 95.04 ft								
				Rule Curve = 96.30 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	05.02.21 (Yesterday)		06.02.21 (Today)		05.02.21 (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
(A) Plants in operation:												
1	a) Ghorasal Repowered CCGP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0		170	Under maint.
	b) Ghorasal Repowered CCGP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0		180	Under maint.
	c) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	190	190	190	190			
2	Ghorasal 365 MW CCGP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	0	0	0		365	Under maint.
3	Ghorasal 108MW PP (Regent)	Gas (IRPP)	34x3.35	108	108	104	102	108	108			
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0			Contract Expired
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0		105	Gas Shortage
6	Haripur GTPP	Gas (PDB)	1 x 32	32	20	0	0	0	0		20	Gas Shortage
7	Haripur 360MW CCGP(HPL)	Gas (IRPP)	1x235+1x125	360	360	355	310	360	360			
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IRPP)	2x140+1x170	450	450	0	0	0	0		450	Under maint.
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0			Under Overhauling
10	Haripur 412 MW CCGP	Gas (EGCB)	1x273+1x139	412	412	0	295	412	412			Was under maint.
11	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0		210	Gas Shortage
12	Siddhirgonj 335 MW CCGP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0			Under maint.
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	0	100	100		
14	Meghnaghat CCGP(Summit)	GAS (IRPP)	2x110+1x110	305	305	265	275	305	305			
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	0	0	0	100	100		
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	47	65	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IRPP)	5x17.08+1x11.3	55	55	9	40	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	60	86	100	100			
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IRPP)	12x8.924	102	102	0	0	0	100	102		
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	16	22	22			
21	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x7.3	80	80	53	56	58	58			
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	17	17	17	17			
23	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	0	52	52			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	0	105	105			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	48	149	149			
27	Katpott 52 MW PP (Sinha)	HFO (IRPP)	7x7.90	51	51	0	0	50	50			
28	Kamalghat 54 MW PP (Banco Energy)	HFO (IRPP)	3x18.69	54	54	0	0	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IRPP)	18x17.076	300	300	184	267	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IRPP)	8x18.415+1x8.97	149	149	0	50	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IRPP)	256x1.4	300	300	0	0	100	300			
32	Bramhangonj 100 MW PP (Aggreko)	HSD (IRPP)	23x0.85+91x.959	100	100	0	0	50	100			
33	Aurabahi 100MW PP (Aggreko)	HSD (IRPP)	23x0.85+91x.959	100	100	0	0	100	100			
34	Nababganj 55 MW PP (Southern po)	HFO (IRPP)	3x19.3	55	55	0	0	35	35			
35	Manikganj 55 MW PP (Northern)	HFO (IRPP)	3x19.3	55	55	35	0	35	35			
36	Bosila 108MW PP(CLC)	HFO (IRPP)	12x8.775+1x3.5	108	108	0	0	0	0			
37	Meghnaghat 104 MW PP (OPSL)	HFO (IRPP)	6x18.5	104	104	17	70	90	90			
38	Manikganj 162MW PP(MPGL)	HFO (IRPP)	9x18	162	162	54	144	144	144			
Dhaka Zone Total				6171	5972	1445	2064	3473	3725	785	1165	
39	Karnaphuli 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		Gas Shortage
	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	3	0	5	0			
42	Raazan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25			
43	Teknaf 20MW PP (Solartech)	Solar (IRPP)	1x20	20	20	10	0	20	0			
44	Patenga 50MW PP (Baraka)	HFO (IRPP)	8x6.89	50	50	18	18	19	19			
45	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IRPP)	6x18.415	105	105	0	0	0	100			
46	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0	150		Gas Shortage
47	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0	225		Gas Shortage
48	Anwara 300 MW PP (United)	HFO (IRPP)	17x17.076+3x8.04	300	300	215	306	300	300			
49	Juldah 100 MW Unit-1 (Accom)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
50	Juldah 100 MW Unit-3 (Accom)	HFO (IRPP)	8x13.45	100	100	40	20	100	100			
51	Dohazari -Kataish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	34	85	85			
52	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0			
53	Barakunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	22	22			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			35	40	15	30			
54	Chattogram 108 MW PP (ECPV)	HFO (IRPP)	16x7.00	108	108	0	0	102	102			
55	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IRPP)	3x18.55+1x3.6	54	54	0	0	54	54			
56	Karnaphuli Power Ltd.	HFO (IRPP)	6x18.41+1x6.4	110	110	0	0	110	110			
57	Juldah unit-2 (Accom)	HFO (IRPP)	8x13.6	100	100	70	70	100	100			
58	Chattogram 116 MW PP (Anima Er)	HFO (IRPP)	6x21.06	116	116	0	0	0	0			
Chattogram Zone Total				2442	2382	481	578	1127	1217	715	180	
59	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	0	0	0	0	135		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	0	0	0	0	134		Gas Shortage
60	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	0	0	0	0	45		Gas Shortage
61	Ashuganj 225 MW CCGP	Gas (APSCL)	1x142+1x75	221	221	121	183	225	225			
62	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	240	225	280	280			
63	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	240	240	260	260			Was Under Maint.
64	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	0	0	0	0	55		Gas Shortage
65	Ashuganj 185MW PP (APSCL-United)	Gas (IRPP)	20*9.73+1*16	195	195	8	8	8	8	187		Gas shortage
66	Ashuganj 51 MW PP (Midland)	Gas (IRPP)	6x9.34	51	51	43	43	51	51			
67	Ashuganj 150MW PP (Midland)	HFO (IRPP)	23x7.015	150	150	120	127	150	150			
68	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50			
69	Chandpur 150 MW CCGP	Gas (PDB)	1X106+1x57	163	163	51	80	75	75			
70	Chandpur 200MW (Desh energy)	HFO (IRPP)	12x18.415	200	200	34	17	200	200			
71	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	21	22	22			
72	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	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 (IRPP)	6x8.92	52	52	0	0	52	52			
75	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	21	21	19	19			
76	Daudkandi 200 MW PP (B.Trac)	HSD (IRPP)	8x1.44+8x1.515+15x1.08	200	200	0	0	0	200			
77	Feni 114 MW Power Plant(Lakdanavi)	HFO (IRPP)	7*18.415+1*9.78	114	114	0	0	114	114			
78	Chowmuhani 113 MW	HFO (IRPP)	12*9.78+2*3.1	113	113	0	16	113	113			
**	Impoort (Tripura)	India		160	160	56	96	134	146			
Cumilla Zone Total				3040	2980	997	1121	1747	2009	685	0	
79	RPCL 210MW CCGP	Gas (IRPP)	4x35+1x70	210	202	123	105	150	150	97		Gas Shortage
80	Tangali 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	11	22	22			
81	Jamalpur 95 MW PP(Powerpac)	HFO (IRPP)	12x8.924	95	95	0	82	82	82			
82	Jamalpur 115 MW PP (United)	HFO (IRPP)	12x9.87	115	115	0	16	115	115			
83	Mymensingh 200 MW PP (United)	HFO (IRPP)	21x9.780	200	200	200	200	200	200			
84	Sarishabari 3 MW Solar Plant	Solar (IRPP)	1x3	3	3	1	0	1.6	0			
85	Sutiakhali 50 MW Solar PP	Solar (IRPP)	1x50	50	50	27	0	50	0			
86	Tangali 22 MW PP(PPL)	HFO (IRPP)	4x6.7	22	22	13	23	22	22			

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	05.02.21 (Yesterday)		06.02.21 (Today)		05.02.21 (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	30	30	30	30						
88	Fenchugonj	CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	0	0	0	0						
89	Fenchugonj	51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	14	50	51	51						
90	Fenchugonj	44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	10	49	44	44						
91	Kushiana	163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	110	110	163	163						
92	Hobiganj	11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11						
93	Shahjibazar	GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	0	0	0	0	66		Under maint.			
94	Shahjibazar	330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	100	90	100	100	240		Gas Shortage			
95	Shahjibazar	86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	71	71	0	70						
96	Sylhet	225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	120	168	180	180	63		Gas Shortage			
97	Sylhet	20 MW GTTP	Gas (PDB)	1 x 20	20	20	0	19	19	19						
98	Sylhet	50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0						
99	Sylhet	10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	9	7	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	290	290	341	341						
102	Bibiyana-II	400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	422	425	400	400						
	Bibiyana	South 400 MW	Gas (PDB)				415	0	0	0						
	Shahjibazar	100 MW GTTP	Gas (PDB)				0	0	100	100			On Test			
Sylhet Zone Total							2033	1988	1607	1336	1465	1535	303	66		
103	Bheramara	GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16						
104	Bheramara	410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	355	300	410	410						
105	Faridpur	50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	25	25						
106	Gopalganj	100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	13	70	70						
107	Khulna	225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	220						
108	Khulna	115 PP MW (KPLC-2)	HFO (QRPP)	7x17	115	115	0	66	115	115						
109	Noapara	100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	50	100						
110	Noapara	40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	0	40	40						
111	Rupsha	105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	70	90	95	95						
112	Madhumati	100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100						
**	Bheramara (HVDC)	India		1000	1000		427	804	729	921						
Khulna Zone Total							2288	2284	852	1273	1634	2112	0	0		
113	Barisal	110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	32	110	110						
114	Bhola	33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	19	24	26	26						
115	Bhola	225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	0	0	0	0	194		Under maint.			
116	Bhola	95 MW PP (Agreko)	Gas (QRPP)	1.1x96	95	95	33	71	95	95						
117	Payra	1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	450	450	620	620						
118	Potukhali	150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	0	150	150						
	Bhola	Nutan Biddut BD LTD	Gas/HSD				0	0	0	0						
Barishal Zone Total							1826	1826	502	577	1001	1001	0	194		
119	a)	Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage			
	b)	Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage			
120	Baghabari	50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50						
121	Baghabari	200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200						
122	Bera	70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	40						
123	Ammura	50 MW PP (Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	25	25						
124	Chapainawabganj	100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	101	104	104						
125	Katakhal	50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	50	50						
126	Katakhal	50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	0	0						
127	Santahar	50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	34						
128	Sirajgonj	225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage			
129	Sirajgonj	225MW CCPP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	154	164	220	220						
130	Sirajgonj	225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	158	156	220	220						
131	Sirajgonj	400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	0	0	0	0	414		Under Maint.	13/2/2021		
132	Bogra	22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22						
133	Bogra	20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	0	0	0						
134	Ullapara	11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11						
135	Natore	52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	52	52						
136	Bagura	113 MW PP (Confidence) Unit-1	HFO (IPP)	6'18.55	113	113	35	95	35	113						
137	Bagura	113 MW PP (Confidence) Unit-2	HFO (IPP)	6'18.55	113	113	0	95	113	113						
Rajshahi Zone Total							2193	2183	380	644	1052	1254	381	414		
138	a)	Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage			
	b)	Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage			
139	Barapukuria	275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	150	150	150						
140	Rangpur	20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0						
141	Rangpur	113 MW PP (Confidence)	HFO (IPP)	7'16x 2'3	113	113	92	111	113	113						
142	Saidpur	20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0						
143	Majpara	Tatulia 8 MW Solar PP (Sympa Pt)	Solar (IPP)	1 x 8	8	8	2	0	8	0						
Rangpur Zone Total							685	605	244	261	271	263	170	0		
Sub-total: Plants in operation							21395	20929	6894.0	8291	12413	13707	3136	2019		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss							6516	7836	11731	12955						
(B) Contract expired power plants																
Sub-Total: Plants under long term maintenance							0	0	0	0	0	0	0	0		
Gross Total							21395	20929	6894	8291	12413	13707	3136	2019		
(C) Actual data of 05.02.21 (Yesterday) Friday :																
01.	Max. Demand (Generation end) :				8291.00	MW,	at =	19:30 hrs	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end) :				7836.00	MW,	at =	19:30 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end) :				8291.00	MW,	at =	19:30 hrs	Dhaka	2454	2454	0	Mymensingh	788	788	0
04.	Minimum Generation (Generation end) :				5859.00	MW,	at =	5:00 hrs	Chattogram	787	787	0	Sylhet	300	300	0
05.	Day-peak Generation (Generation end) :				6894.00	MW,	at =	09:00 hrs	Khulna	1023	1023	0	Barishal	233	233	0
06.	Evening-peak Generation (Generation end) :				8291.00	MW,	at =	19:30 hrs	Rajshahi	898	898	0	Rangpur	635	635	0
07.	Evening Peak Load-shed (Sub-station end) :				0.00	MW,	at =	19:30 hrs	Cumilla	718	718	0				
08.	Actual Minimum Generation up to 8:00 hrs. :				5490.00	MW,	at =	7:00 hrs								
09.	Generation shortfall at evening peak due to :															
	a) Gas limitation :				2806	MW										
	d) Coal supply Limitation :				170	MW										
	b) Low water level in Kaptai lake :				160	MW										
	c) Plants under shut down/ maintenance :				2019	MW										
10.	Total Energy (Generation + India Import) :				165.28	MKWh										
	By Gas = 100.463 MKWh															
	By Coal = 14.821 MKWh															
	By Hydro = 0.507 MKWh															
	By Solar = 33.596 MKWh															
11.	Total Gas Supplied :				820.56	MMCFD										
(D) Forecast of 06.02.21 (Today) Saturday :																
01.	Maximum Demand :				9300	MW										
02.	Maximum Generation :				13707	MW										
03.	Maximum Shortage :				-4407	MW										
04.	Maximum Load-shed :				0	MW										
05.	Total Generation :				185.39	MKWh										
06.	Probable Max. Temperature in Dhaka :				29.0° C			</								