

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month February, 2021				Day : Thursday				Date : 25.02.21				
Probable Maximum Demand :		9800 MW		Yesterday = 92.18 ft		Today = 92.06 ft		Probable Maximum Generation :		1415 MW		
Water Level of Kaptai Lake at 06:00 AM										Rule Curve = 93.60 ft.		
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	24.02.21 (Yesterday)		25.02.21 (Today)		24.02.21 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for : Machines shut down (MW)			
					Day	Evening	Day	Evening	Gas/water/Coal limitation	Machines shut down		
(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	365	340	300	300			
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	3x3.35	108	108	12	12	12	12			
4	Ghorasal 78.5 MW PP (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	Gas Shortage	
6	Haripur GTTP	Gas (PDB)	1 x 32	32	20	0	0	0	0	20	Gas Shortage	
7	Haripur 360MW CCGP(HPL)	Gas (IPP)	1x235-1x125	360	360	0	0	0	0	360	Under maint. 7/3/2021	
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140-1x170	450	450	420	390	450	450	60	Under maint.	
9	210 MW Siddhirganj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Under Overhauling	
10	Haripur 412 MW CCGP	Gas (EGCB)	1x273-1x139	412	412	344	348	412	412			
11	Siddhirganj 2*120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210	Gas Shortage	
12	Siddhirganj 335 MW CCGP	Gas (EGCB)	1 x 217-1x118	335	335	0	0	0	0	335	Under maint.	
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	7	75	100	100			
14	Meghnaghat CCGP(Summit)	Gas (IPP)	2x110-1x110	305	305	270	270	300	300			
15	Meghnaghat 100 MW(HEL)	HFO (QRPP)	12x8.9	100	100	7	50	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	98	100	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	16	55	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	84	84	60	84			
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	0	50	100	102			
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22			
21	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	35	35	58	58			
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25			
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	25	33	33			
24	Gasipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	0	52	52			
25	Gasipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	0	105	105			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	100	100	149	149			
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	50	50			
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	17	35	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	285	210	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	58	110	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	0	100	300			
32	Bramhargan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100			
33	Aurabahi 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100			
34	Nababganj 55 MW PP (Southern po)	HFO (IPP)	3x19.3	55	55	0	17	55	55			
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	17	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	53	104	104	104			
38	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	126	144	144	144			
	Spectra Solar Plant Ltd.	Solar				28	0	30	0			
Dhaka Zone Total				6171	5972	2587	2808	3814	4060	395	1160	
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	4	0	5	0			
42	Raazani 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25			
43	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	15	0	20	0			
44	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	37	50	46	46			
45	Sikalbaha 105 MW PP (Baraka Siks)	HFO (IPP)	6x18.415	105	105	0	0	50	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 (IPP)	17x17.076+3x8.04	300	300	306	305	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 (IPP)	8x13.45	100	100	100	100	100	100			
51	Dohazari Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	68	85	85			
52	Halhazari 100 MW peaking PP	HFO (PDB)	11x8.9	96	96	0	0	0	0			
53	Barakunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	20	18	22	22			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			0	12	20	30			
54	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	29	102	102			
55	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	27	17	54	54			
56	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	110	110			
57	Juldah unit-2 (Accom)	HFO (IPP)	8x13.6	100	100	90	100	100	100			
58	Chattogram 116 MW PP (Anima Er)	HFO (IPP)	6x21.06	116	116	0	0	116	116			
Chattogram Zone Total				2442	2382	669	769	1325	1360	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	20	20	26	26	25	Gas Shortage	
61	Ashuganj 225 MW CCGP	Gas (APSCL)	1x142+1*75	221	221	143	157	225	225			
62	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	220	220	285	285			
63	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	275	275	300	300			
64	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	20	20	40	40			
65	Ashuganj 185MW PP (APSCL United)	Gas (IPP)	20*9.73+1*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	150	Gas Shortage	
68	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	0	50		
69	Chandpur 150 MW CCGP	Gas (PDB)	1X106+1x57	163	163	95	91	90	90			
70	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	34	68	200	200			
71	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	22	22	22			
72	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11			
73	Jangala 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33			
74	Jangala 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	52	52			
75	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	17	16	20	20			
76	Dautkandi 200 MW PP (B.Trac)	HSD (IPP)	8x14.4x3.575+1x15.024	200	200	0	0	0	200			
77	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	0	114	114			
78	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	36	36	113	113			
**	Impoport (Tripura)	India		160	160	102	126	135	147			
	Bhairon 54.5 MW	HFO (IPP)				0	0	0	0			
Cumilla Zone Total				3040	2980	1033	1103	1674	1936	811	0	
79	RPCL 210MW CCGP	Gas (IPP)	4x35-1x70	210	202	100	103	130	130			
80	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	17	22	22			
81	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	82	32	80	80			
82	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	8	32	115	115			
83	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	170	168	200	200			
84	Sarishabari 3 MW Solar Plant	Solar (IPP)	1x3	3	3	2	0	1.6	0			
85	Sutiakhali 50 MW Solar PP	Solar (IPP)	1x50	50	50	39	0	50	0			
86	Tangail 22 MW PP(PPLG)	HFO (IPP)	4x6.7	22	22	19	18	22	22			
Mymensingh Zone Total				717	709	437	370	621	569	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	24.02.21 (Yesterday)		25.02.21 (Today)		24.02.21 (Yesterday)		Status of Machines under shut-down/ Maintenance	
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
						Day	Evening	Day	Evening				
87	Fenchugonj CCGP Phase-1	Gas (PDB)	2x32+1x33	97	70	0	0	0	0				
88	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	43	43	43	43				
89	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	8	10	51	51				
90	Fenchugonj 44MW (Energypriya)	Gas (RPP)	12x3.3+5x2.0	44	44	0	0	0	0			Contract Expired on 14/02/2021	
91	Kushiana 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	110	163	163	163				
92	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	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 CCGP	Gas (PDB)	2x110+2x110	330	330	156	165	0	60	165		Gas Shortage	
95	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	75	78	75	75				
96	Sylhet 225 MW CCGP	Gas (PDB)	1x142+1x89	231	231	140	108	150	150			123	Under maint.
97	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	0	0	0	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	5	5	10	10				
100	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	16	16	16				
101	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	300	341	341				
102	Bibiyana-II 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	389	406	400	400				
	Bibiyana South 400 MW	Gas (PDB)				70	50	50	50				
	Shahjibazar 100 MW GTTP	Gas (PDB)				0	0	0	0				On Test
	Sylhet Zone Total			2033	1988	1323	1355	1330	1390	165	189		
103	Bheramara GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16				
104	Bheramara 410 MW CCGP	Gas (NWPGL)	1 x 278+1 x 132	410	410	350	410	410	410				
105	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	7	25	25				
106	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	20	60	60				
107	Khulina 225 MW CCGP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	220				
108	Khulina 115 PP MW (KPLC-2)	HFO (QRP)	7x17	115	115	0	49	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 (QRP)	5x8.5	40	40	0	0	40	40				
111	Rupsha 105 MW PP (Onion rupsha)	HFO (IPP)	6x18.445	105	105	70	53	90	90				
112	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	822	846	838	934				
	Khulina Zone Total			2288	2284	1242	1385	1728	2110	0	0		
113	Barsail 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	80	110	110				
114	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	20	26	26	26				
115	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	0	0	0	0		194	Under maint.	
116	Bhola 95 MW PP (Agreko)	Gas (QRP)	1.1x96	95	95	13	14	95	95				
117	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	370	470	620	620				
118	Potukhaili 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	0	150	150				
	Bhola Nutan Biddut BD LTD	Gas/HSD				4	29	30	35				
	Barishal Zone Total			1826	1826	407	619	1031	1036	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	42	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 (Sirha)	HFO (QRP)	7x7.79	50	50	0	12	12	12				
124	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	100	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 (QRP)	6x8.9	50	50	0	0	0	0				
127	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	19	0	34				
128	Sirajgonj 225MW CCGP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0		210	Gas Shortage	
129	Sirajgonj 225MW CCGP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	0	0	0	0		220	Gas Shortage	
130	Sirajgonj 225MW CCGP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	178	192	220	220				
131	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	388	388	400	400				
132	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	21	22	22	22				
133	Bogra 20 MW PP (Energypriya)	Gas (RPP)	5x3.3+5x2.0	20	10	0	0	0	0				Contract Expired on 12/11/2020
134	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
135	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	25	52	52				
136	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6x18.55	113	113	70	113	113	113				
137	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	113	113	113	113				
	Rajshahi Zone Total			2193	2183	778	1037	1297	1421	601	0		
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		20	Under Overhauling	
141	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7x16x 2'3	113	113	34	113	113	113				
142	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
143	Maipera, Tatulia 8 MW Solar PP (Sympla Pt)	Solar (IPP)	1 x 8	8	8	5	0	8	0				
	Rangpur Zone Total			685	605	189	263	271	263	170	20		
	Sub-total: Plants in operation			21395	20929	8665.0	9709	13091	14145	2857	1743		
	Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss					8421	9436	12723	13747				
	(B) Contract expired power plants												
	Sub-Total: Plants under long term maintenance			0	0	0	0	0	0				
	Gross Total			21395	20929	8665	9709	13091	14145	2857	1743		

(C) Actual data of 24.02.21 (Yesterday) Wednesday :		12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :			
Sl. No.	Description	Demand MW	Supply MW	Load Shed MW	Zone
01.	Max. Demand (Generation end)	9709.00			
02.	Max. Demand (Sub-station end)	9436.00			
03.	Highest Generation (Generation end)	9709.00			
04.	Minimum Generation (Generation end)	6401.00			
05.	Day-peak Generation (Generation end)	8665.00			
06.	Evening-peak Generation (Generation end)	9709.00			
07.	Evening Peak Load-shed (Sub-station end)	0.00			
08.	Actual Minimum Generation up to 8:00 hrs.	5856.00			
09.	Generation shortfall at evening peak due to :				
a)	Gas limitation	2527	MW		
d)	Coal supply Limitation	170	MW		
b)	Low water level in Kaptai lake	160	MW		
c)	Plants under shut down/ maintenance	1743	MW		
10.	Total Energy (Generation + India Import)	197.75	MKWh		
	By Gas = 112.509		MKWh		
	By Coal = 14.451		MKWh		
	By Solar = 0.603		MKWh		
	By Hydro = 47.386		MKWh		
	By Hydro = 1.688		MKWh		
11.	Total Gas Supplied	890.79	MMCFD		
13.	Fuel cost :	(a) Gas = 119165247	Taka	(c) Coal = 67217491	Taka
		(b) Oil = 296993172	Taka	Total = 483375910	Taka
14.	Maximum Temperature in Dhaka was :	31.3° C			
15.	Export through East-West interconnections :				
	At evening peak-hour	72	MW	at	19:00 hrs
	Maximum	-83	MW	at	8:00 hrs
	Energy	0.2035	MKWh		

(D) Forecast of 25.02.21 (Today) Thursday :		04. Maximum Load-shed	
01.	Maximum Demand	9800	MW (Generation end)
02.	Maximum Generation	14145	MW (Generation end)
03.	Maximum Shortage	-4345	MW (Generation end)
05.	Total Generation	199.61	MKWh
06.	Probable Max. Temperature in Dhaka :	32.3° C	

* Captive Power ** Imported Power
 #Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00
 (Fazul Islam Shaker)
 Deputy Secretary, Generation
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