

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
 Tel : 9564667, 9551095

Month February, 2021			Day : Saturday				Date : 13.02.21				
Probable Maximum Demand :			9300 MW		Yesterday = 94.13 ft		Today = 93.93 ft		Probable Maximum Generation : 14091 MW		
Water Level of Kaptai Lake at 06:00 AM							Rule Curve = 95.32 ft.				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	12.02.21 (Yesterday)		13.02.21 (Today)		12.02.21 (Yesterday)		Status of Machines under shut-down/ Maintenance
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for : Gas/water/Coal limitation MW		
					Day	Evening	Day	Evening	Machines shut down (MW)		
(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	Ghorashal 108MW PP (Regent)	Gas (IPP)	3x3.35	108	108	103	107	108	108		
4	Ghorashal 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 (IPP)	1x235-1x125	360	360	326	360	360	360		
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140-1x170	450	450	0	0	0	0	450	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	357	341	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	50	100	100		
14	Meghnaghat CCGP(Summit)	Gas (IPP)	2x110-1x110	305	305	245	270	305	305		
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	0	24	100	100		
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	64	100	100		
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08-1x11.3	55	55	15	40	55	55		
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	60	62	100	100		
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	0	7	100	102		
20	Narsinghdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	22	22	22		
21	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67-7x8.73	80	80	37	51	58	58		
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	22	20	25	25		
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	17	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	22	0	105	105		
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	149	149		
27	Katpotti 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	35	54	54	54		
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	110	215	300	300		
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	7	149	149	149		
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	0	100	300		
32	Bramhargoon 100 MW PP (Aggregate)	HSD (IPP)	23x0.85-91x.959	100	100	0	0	50	100		
33	Aurabahi 100MW PP (Aggregate)	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	0	35	35		
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	14	70	104	104		
38	Manikgonj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	144	144	144	144		
	Spectra Solar Plant Ltd.	Solar				22	0	30	0		
Dhaka Zone Total			6171	5972	1749	2274	3545	3767	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	4	0	5	0		
42	Raazari 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25		
43	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	18	0	20	0		
44	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	25	50	19	19		
45	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	0	0	8	100		
46	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	124	110	120	120	40	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	197	251	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	50	50	100	100		
51	Dohazari Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	34	85	85		
52	Hallazari 22 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	19	22	22		
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			33	42	25	30		
54	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	102	102		
55	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	54	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	100	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	641	780	1381	1453	605	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	5	0	26	26	45	Gas Shortage
61	Ashuganj 225 MW CCGP	Gas (APSCL)	1x142+1*75	221	221	146	213	220	220		
62	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	265	250	300	300		
63	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	265	260	360	360		
64	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	2	5	5	53	Gas Shortage
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	76	51	80	80		
70	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	17	17	200	200		
71	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	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	15	21	19	19		
76	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x14.45+1*15+1*5x1.056	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	0	26	113	113		
**	Import (Tripura)	India		160	160	70	94	135	147		
	Bhairon 54.5 MW	HFO (IPP)				16	0	0	0		
Cumilla Zone Total			3040	2980	952	1006	1698	1960	884	0	
79	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	109	128	150	150	74	Gas Shortage
80	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22		
81	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	32	40	82	82		
82	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	0	115	115		
83	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	200	150	0	200		
84	Sarishabari 3 MW Solar Plant	Solar (IPP)	1x3	3	3	2	0	1.6	0		
85	Sutiakhal 50 MW Solar PP	Solar (IPP)	1x50	50	50	42	0	50	0		
86	Tangail 22 MW PP(PPL)	HFO (IPP)	4x6.7	22	22	24	23	25	25		
Mymensingh Zone Total			717	709	431	463	646	594	74	0	

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	12.02.21 (Yesterday)		13.02.21 (Today)		12.02.21 (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	Probable start-up date	
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	22	22	30	30					
89	Fenchugonj	51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	22	22	51	51					
90	Fenchugonj	44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	20	50	50					
91	Kushiana	163 MW CCPP (KF)	Gas (IPP)	1x109+1x54	163	163	130	130	163	163					
92	Hobiganj	11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	8	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 CCPP	Gas (PDB)	2x110+2x110	330	330	101	101	100	100	229		Gas Shortage		
95	Shahjibazar	86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	72	71	74	74					
96	Sylhet	225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	100	70	100	100	161		Gas Shortage		
97	Sylhet	20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	0	20	20					
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	9	10	10					
100	Shahjahanulla	25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	8	8	16	16					
101	Bibiana-II	341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	270	300	341	341					
102	Bibiana-III	400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	411	304	420	420					
	Bibiyana South	400 MW	Gas (PDB)				55	130	0	0					
	Shahjibazar	100 MW GTPP	Gas (PDB)				0	0	100	100				On Test	
	Sylhet Zone Total				2033	1988	1288	1228	1516	1516	390	66			
103	Bheramara	GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16					
104	Bheramara	410 MW CCPP	Gas (NWPGCL)	1 x 278+ 1 x 132	410	410	135	180	200	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	12	60	60					
107	Khulna	225 MW CCPP	HSD (NWPGCL)	1 x 150+1x75	230	230	0	0	0	220					
108	Khulna	115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	0	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 (Kharjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	0	40	40					
111	Rupsha	105 MW PP (Onion rupsha)	HFO (IPP)	6x18.445	105	105	0	53	95	95					
112	Madhumati	100 MW PP	HFO (NWPGCL)	6x18.415	105	105	0	0	100	100					
**	Bheramara (HVDC)	India		1000	1000		530	811	826	922					
	Khulna Zone Total				2288	2284	665	1056	1511	2103	0	0			
113	Barsal	110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	16	110	110					
114	Bhola	33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	18	26	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	32	76	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 (IPP)				0	0	0	0					
	Barishal Zone Total				1826	1826	500	568	1001	1001	0	194			
119	a)	Baghabari	71 MW GTPP	Gas (PDB)	1 x 71	71	0	0	0	0	71		Gas Shortage		
	b)	Baghabari	100 MW GTPP	Gas (PDB)	1 x 100	100	0	0	0	0	100		Gas Shortage		
		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 (Sirha)	HFO (QRPP)	7x7.79	50	50	0	8	25	25					
124	Chapainawabganj	100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	102	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 (NWPGCL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage		
129	Sirajgonj	225MW CCPP Unit-2	Gas (NWPGCL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage		
130	Sirajgonj	225MW CCPP Unit-3	Gas (NWPGCL)	1x141+1x79	220	220	130	151	220	220					
131	Sirajgonj	400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	384	222	400	400					
132	Bogra	22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	21	22	22					
133	Bogra	20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	0	0	0					
134	Lilapara	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)	6x18.55	113	113	55	70	113	113					
137	Bagura	113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	87	70	113	113					
	Rajshahi Zone Total				2193	2183	689	655	1310	1434	601	0			
138	a)	Barapukuria	125 MW TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	85		Coal Shortage		
	b)	Barapukuria	125 MW TPP Unit-2	Coal (PDB)	1 x 125	125	85	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 GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0	20		Under Overhauling		
141	Rangpur	113 MW PP (Confidence)	HFO (IPP)	7x16x 2x3	113	113	70	70	113	113					
142	Saidpur	20 MW GTPP	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	4	0	8	0					
	Rangpur Zone Total				685	605	224	220	271	263	170	20			
	Sub-total: Plants in operation				21395	20929	7139.0	8150	12679	14091	3509	1625			
	Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						6832	7800	12134	13486					
(B) Contract expired power plants															
	Sub-Total: Plants under long term maintenance				0	0	0	0	0	0	0	0			
	Gross Total				21395	20929	7139	8150	12679	14091	3509	1625			
(C) Actual data of 12.02.21 (Yesterday) Friday :															
01.	Max. Demand (Generation end) :				8150.00	MW, at =	19:30 hrs	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end) :				7800.00	MW, at =	19:30 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end) :				8150.00	MW, at =	19:30 hrs	Dhaka	2490	2490	0	Mymensingh	761	761	0
04.	Minimum Generation (Generation end) :				6000.00	MW, at =	5:00 hrs	Chattogram	797	797	0	Sylhet	316	316	0
05.	Day-peak Generation (Generation end) :				7139.00	MW, at =	12:00 hrs	Khulna	999	999	0	Barishal	228	228	0
06.	Evening-peak Generation (Generation end) :				8150.00	MW, at =	19:30 hrs	Rajshahi	878	878	0	Rangpur	604	604	0
07.	Evening Peak Load-shed (Sub-station end) :				0.00	MW, at =	19:30 hrs	Cumilla	727	727	0				
08.	Actual Minimum Generation up to 8:00 hrs. :				5581.00	MW, at =	7:00 hrs					Total	7800	7800	0
09.	Generation shortfall at evening peak due to :														
a)	Gas limitation :				3179	MW						(c) Coal =	72187342	Taka	
d)	Coal supply Limitation :				170	MW						Total =	363228153	Taka	
b)	Low water level in Kapitai lake :				160	MW									
c)	Plants under shut down/ maintenance :				1625	MW									
10.	Total Energy (Generation + India Import) :				169.09	MKWh		14.	Maximum Temperature in Dhaka was :				28.2° C		
	By Gas = 103.210 MKWh							15.	Export through East-West interconnections :						
	By Coal = 15.586 MKWh								At evening peak-hour :				-355	MW, at	19:30 hrs
	By Solar = 0.569 MKWh								Maximum :				-435	MW, at	18:30 hrs
	By Hydro = 32.402 MKWh								Energy :				2.3285	MKWh	
11.	Total Gas Supplied :				861.32	MMCFD									
(D) Forecast of 13.02.21 (Today) Saturday :															
01.	Maximum Demand :				9300	MW (Generation end)	04.	Maximum Load-shed :				0	MW (At evening peak (Sub-station end))		
02.	Maximum Generation :				14091	MW (Generation end									