



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9584667, 9551095

Month February, 2020				Day : Wednesday				Date : 12.02.20				
Probable Maximum Demand : 9400 MW				Probable Maximum Generation : 14885 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 92.72 ft		Today = 92.57 ft		Rule Curve = 95.46 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	11.02.20 (Yesterday)		12.02.20 (Today)		11.02.20 (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)		
(A) Plants in operation:												
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	72	72	72	72			
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	170	Under maint.	17/02/2020
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Under maint.	16/02/2020
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190	Under maint.	30/03/2020
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	355	313	365	365			
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	65	100	100			
4	Ghorashal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0			
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105	Gas Shortage	
6	Haripur GTPP	Gas (PDB)	2 x 32	64	40	0	0	0	0	40	Gas Shortage	
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	345	367	330	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	360	400	450	450			
9	210 MW Siddhirganj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Under Overhauling	
10	Haripur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	353	342	412	412			
11	Siddhirganj 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210	Gas Shortage	
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0	335	Gas Shortage	
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	70	100	100	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	150	150	150	150			
15	Meghnaghat 100 MW(IEL)	HFO (QRPP)	12x8.9	100	100	50	92	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	30	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	0	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
19	Gagnagar 102 MW PP Digital Pow	HFO (IPP)	12x8.924	102	102	32	102	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	50	53	57	57			
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	25	33	33			
23	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	25	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	100	100			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	149	149			
27	Kalpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	50	50			
28	Kamalaghat 54 MW PP (Barco Energy)	HFO (IPP)	3x18.69	54	54	53	53	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	0	200	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	105	149	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	0	300			
32	Bramhangan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100			
33	Aurahat 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100			
34	Nababganj 55 MW PP (Southern pc	HFO (IPP)	3x19.3	55	55	0	0	55	55			
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	55	55	55			
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	71	71			
Dhaka Zone Total				6047	5811	2067	2415	3514	4146	690	655	
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	70	69	70	70	161	Low Water Level	
38	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	120	120	120	120			
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	4.9	0	5	0			
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25			
41	Teknaf 20MW PP (Solarsat)	Solar (IPP)	1x20	20	20	19.17	0	20	0			
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	26	50	50	50			
43	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	0	0	105	105			
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	146	139	145	145			
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	209	203	220	220			
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	0	200	230	300			
47	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
48	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	30	90	90	90			
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	0	80	100			
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0			
51	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	21	21			
*	Malancha, Cig.EPZ (United)	Gas	5x8.73+3x9.34			2	17	10	20			
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	26	60	100	100			
53	Sikalbaha 54 MW Power Plant(Jodiari Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	54	54			
54	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110			
Chattogram Zone Total				2226	2166	672.07	967	1495	1630	341	0	
55	a) Ashuganj TPP Unit- 3	Gas (APSCCL)	1 x 150	150	135	0	0	0	0	135	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	100	100	100	100			
56	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	33	39	40	40			
57	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1*75	221	221	186	183	225	225			
58	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	355	320	360	360			
59	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	360	315	360	360			
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5			
61	Ashuganj 195MW PP (APSCCL)	Gas (IPP)	20*9.73+1*116	195	195	45	8	55	55			
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	43	43	43			
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	38	100	150			
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50			
65	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	91	91	90	90			
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	0	200			
67	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	20	22	22			
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11			
69	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	25	33	33			
70	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	0	50			
71	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	20	21	21	21			
72	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	0	0	200			
73	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	0	0	114			
74	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	0	0	113	113			
**	Impoport (Tripura)	India		160	160	78	110	101	111			
Cumilla Zone Total				3040	2980	1368	1329	1679	2353	264	0	
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	142	126	100	120			
76	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	50	95	95	95			
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	115	115	115	115			
79	Mymensingh 200 MW PP (Limited)	HFO (IPP)	21x9.780	200	200	60	32	100	200			
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.2	0	1.6	0			
Mymensingh Zone Total				645	637	391.2	390	433.6	552	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	11.02.20 (Yesterday)		12.02.20 (Today)		11.02.20 (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
81	Fenchugonj CCGP Phase-1	Gas (PDB)	2x32+1x33	97	70	88	85	85	85				
82	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	54	66	66	66				
83	Fenchugonj 51 MW PP (Barakatull)	Gas (RPP)	19x2.90	51	51	51	53	51	51				
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	48	50	44	44				
85	Kushlari 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	130	163	163	163				
86	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	63	67	66	66				
88	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	149	149	150	150				
89	Shahjibazar 86MW PP (Shahjibaza	Gas (RPP)	32x2.90	86	86	82	82	82	82				
90	Sylhet 150 MW CCGP	Gas (PDB)	1x142	142	142	27	116	120	120				
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	17	17	17				
92	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0				
93	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
94	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	24	24	24				
95	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	285	341	341				
96	Bibiyan-II 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	145	145	145	145				
Sylhet Zone Total				1944	1899	1181	1323	1375	1375	0	0		
97	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	40				
98	Bheramara 410 MW CCGP	Gas (NWPGL)	1 x 278+1 x 132	410	410	300	215	300	300				
99	Fardipur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	36				
100	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	30	70				
101	Khulna 225 MW CCGP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	225				
102	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	66	115	115	115				
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	80	100				
104	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	0	33	33				
105	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	0	50	105				
106	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	50	105				
**	Bheramara (HVDC)	India		1000	1000	492	771	501	797				
Khulna Zone Total				2328	2314	858	1101	1159	1926	0	0		
107	Barisal GT PP Unit-1& 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	0	70	110				
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	6	21	20	21				
110	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	110	138	110	194				
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	0	95	95				
Payra 1320 MW						302	301	300	300				
Barishal Zone Total				472	462	418	460	595	750	0	0		
112	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage	
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage	
113	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	40	0	50				
114	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
115	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	45				
116	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	50	50	50	50				
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	51	80	102				
118	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	40	40				
119	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	40	40				
120	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	38				
121	Sirajgonj 225MW CCGP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	190	130	210	210				
122	Sirajgonj 225MW CCGP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage	
123	Sirajgonj 225MW CCGP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	6	130	225	225				
124	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	404	305	410	410				
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	21	22	22	22				
126	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	3	3	5	5				
127	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
128	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	52	52				
129	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	70	109	113	113				
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	0	0	113				
Rajshahi Zone Total				2193	2183	755	851	1458	1726	391	0		
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	90	90	90	90				
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Shutdown for Low Demand	
132	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	190	189	190	190				
133	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
134	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	35	109	113	113				
135	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
136	Majpara, Tatula 8 MW Solar PP (Sympa	Solar (IPP)	1 x 8	8	8	5.3	0	8	0				
Rangpur Zone Total				685	605	320	388	401	427	0	85		
Sub-total: Plants in operation				19580	19057	8030.6	9224	12110	14885	1686	740		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7524	8290	11346	13946				
(B) Contract expired power plants													
137	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0			Contract expired	
Sub-Total: Plants under long term maintenance				50	50	0	0	0	0				
Gross Total				19630	19107	8030.6	9224	12110	14885	1686	740		
(C) Actual data of 11.02.20 (Yesterday) Tuesday :													
01.	Max. Demand (Generation end)	:	9224.00	MW,	at =	19:30 hrs P	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :					
02.	Max. Demand (Sub-station end)	:	8290.00	MW,	at =	19:30 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply
03.	Highest Generation (Generation end)	:	9224.00	MW,	at =	19:30 hrs		MW	MW	MW		MW	MW
04.	Minimum Generation (Generation end)	:	5670.00	MW,	at =	4:00 hrs	Dhaka	3014	3014	0	Mymensingh	753	753
05.	Day-peak Generation (Generation end)	:	8030.57	MW,	at =	12:00 hrs	Chattogram	898	898	0	Sylhet	319	319
06.	Evening-peak Generation (Generation end)	:	9224.00	MW,	at =	19:30 hrs	Khulna	1061	1061	0	Barishal	217	217
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:30 hrs P	Rajshahi	1061	1061	0	Rangpur	217	217
08.	Actual Minimum Generation up to 8:00 hrs.	:	5734.00	MW,	at =	5:00 hrs am	Cumilla	750	750	0			
09.	Generation shortfall at evening peak due to :	:									Total	8290	8290
	a) Gas limitation	:	1525	MW			13.	Fuel cost :	(a) Gas = 120865632 Taka	(c) Coal = 32734194 Taka			
	d) Coal supply Limitation	:	0	MW				(b) Oil = 134624880 Taka	Total = 153599826 Taka				
	b) Low water level in Kaptai lake	:	161	MW									
	c) Plants under shut down/ maintenance	:	740	MW			14.	Maximum Temperature in Dhaka was :	27° C				
10.	Total Energy (Generation + India Import)	:	179.83	MKWh			15.	Export through East-West interconnections :					
	By Gas = 132.572 MKWh			By Oil = 18.594 MKWh				At evening peak-hour	: -335	MW,	at	19:30 hrs PM	
	By Coal = 14.330 MKWh			By Hydro = 1.592 MKWh				Maximum	: -469	MW,	at	7:00 hrs	
	By Solar= 0.175 MKWh							Energy	: 2.929	MKWh			
11.	Total Gas Supplied	:	1097.37	MMCFD									
(D) Forecast of 12.02.20 (Today) Wednesday :													
01.	Maximum Demand	:	9400	MW	(Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)	
02.	Maximum Generation	:	14885	MW	(Generation end)		05.	Total Generation	:	183.26	MKWh		
03.	Maximum Shortage	:	-5485	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka ;	:	26.3° C			

* Captive Power ** Imported Power

#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00

(Fazul Islam Shaker)
Deputy Secretary, Generation