



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel.: 9584667, 9551095

Month February, 2020				Day : Thursday				Date : 20.02.20				
Probable Maximum Demand : 9500 MW				Probable Maximum Generation : 14165 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 91.42 ft				Today = 91.28 ft				
				Rule Curve = 94.34 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.02.20 (Yesterday)		20.02.20 (Today)		19.02.20 (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)		
(A) Plants in operation:												
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	72	37	37				
	b) Ghorasal Repowered CCP Unit-3	Gas (PDB)	1 x 210	210	170	0	74	80		96	was under maint.	
	c) Ghorasal Repowered CCP Unit-4	Gas (PDB)	1 x 210	210	180	100	100	100				
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0		190	Under maint. 30/03/2020	
2	Ghorasal 365 MW CCP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	352	350	325	325			
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0			
4	Ghorasal 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 GTTP	Gas (PDB)	2 x 32	64	40	0	0	0	0	40	Gas Shortage	
7	Haripur 360MW CCP(HPL)	Gas (IPP)	1x235+1x125	360	360	312	340	360	360			
8	Meghnaghat 450 MW CCP(MPL)	Gas (IPP)	2x140+1x170	450	450	380	450	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 CCP	Gas (EGCB)	1x273+1x139	412	412	358	360	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 CCP	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	40	100	100	100			
14	Meghnaghat CCP(Summit)	GAS (IPP)	2x110+1x110	305	305	150	120	150	150			
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	0	100	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	98	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	55	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	20	100	100			
19	Gagnagar 102 MW PP Digital Pow	HFO (IPP)	12x8.924	102	102	32	102	100	102			
20	Narsingdi 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	55	53	58	58			
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25			
23	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	17	27	25	25			
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	35	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	32	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	30	200	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	149	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	2117	2787	3534	4136	690	401	
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	69	70	70	70	160	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	100	120	100	120			
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	4.3	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	18.58	0	20	0			
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	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	143	139	145	145			
45	Sikalbaha 225 MW CCP	Gas (PDB)	1 x 150+1 x 75	225	225	217	211	225	225			
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	71	281	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	0	100	100	100			
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.EP2 (United)	Gas	5x8.73+3x9.34			2	25	10	20			
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	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	643.88	1015	1490	1645	340	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	100	120	100	100			
	c) Ashuganj TPP Unit- 5	Gas (APSCCL)	1 x 150	150	134	0	0	0	0			
56	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	46	46	45	45			
57	Ashuganj 225 MW CCP	Gas (APSCCL)	1x142+1*75	221	221	205	185	225	225			
58	Ashuganj 450 MW CCP(South)	Gas (APSCCL)	1x360	360	360	340	335	360	360			
59	Ashuganj 450 MW CCP(North)	Gas (APSCCL)	1x361	360	360	355	340	360	360			
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	20	20			
61	Ashuganj 195MW PP (APSCCL)	Gas (IPP)	20*9.73+1*116	195	195	45	8	46	46			
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	0	100	150			
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50			
65	Chandpur 150 MW CCP	Gas (PDB)	1X106+1x57	163	163	90	90	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	22	22	22			
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11			
69	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	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	0	19	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			
**	Impoort (Tripura)	India		160	160	82	118	104	113			
Cumilla Zone Total				3040	2980	1374	1375	1693	2366	135	0	
75	RPCL 210MW CCP	Gas (IPP)	4x35+1x70	210	202	99	105	140	140			
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 (United)	HFO (IPP)	21x9.780	200	200	50	50	100	200			
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1.8	0	1.6	0			
Mymensingh Zone Total				645	637	337.8	387	473.6	572	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.02.20 (Yesterday)		20.02.20 (Today)		19.02.20 (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	86	87	88	88				
82	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	65	73	73	73				
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	45	51	50	50				
85	Kushlari 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
86	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11				
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	52	62	66	66				
88	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	156	155	150	150				
89	Shahjibazar 86MW PP (Shahjibaza	Gas (RPP)	32x2.90	86	86	0	58	80	80				
90	Sylhet 150 MW CCGP	Gas (PDB)	1x142	142	142	0	0	0	0				
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	17	16	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	21	24	24				
95	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	315	325	341	341				
96	Bibiyan-II 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0				
Sylhet Zone Total				1944	1899	981	1085	1124	1124	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	345	215	410	410				
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 (KPLC-2)	HFO (QRPP)	7x17	115	115	16	115	115	115				
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	0	100				
104	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	16	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	15	50	105				
**	Bheramara (HVDC)	India		1000	1000	535	761	529	777				
Khulna Zone Total				2328	2314	896	1122	1217	2016	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	80	70	110				
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	12	21	20	20				
110	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	92	90	98	100				
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	72	70	95	95				
Payra 1320 MW						0	0	0	0				
Barisal Zone Total				472	462	176	261	283	355	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	43	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	40	40	40	40				
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	50	80	100				
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	150	170	150	150				
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	0	0	0	0	220		Gas Shortage	
124	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	427	432	410	410				
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	18	18	22	22				
126	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	11	11	10	10				
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	109	109	113	113				
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	35	0	113				
Rajshahi Zone Total				2193	2183	766	919	1168	1434	611	0		
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	92	89	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	280	280	280	280				
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	106	43	113	113				
135	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
136	Majpara, Tatalia 8 MW Solar PP (Sympa	Solar (IPP)	1 x 8	8	8	3.8	0	8	0				
Rangpur Zone Total				685	605	482	412	491	517	0	85		
Sub-total: Plants in operation				19580	19057	7773.5	9363	11474	14165	1776	486		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7301	8513	10776	13304				
(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	7773.5	9363	11474	14165	1776	486		
(C) Actual data of 19.02.20 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	:	9363.00	MW,	at =	19:30 hrs P							
02.	Max. Demand (Sub-station end)	:	8513.00	MW,	at =	19:30 hrs P							
03.	Highest Generation (Generation end)	:	9363.00	MW,	at =	19:30 hrs							
04.	Minimum Generation (Generation end)	:	5812.00	MW,	at =	4:00 hrs							
05.	Day-peak Generation (Generation end)	:	7773.48	MW,	at =	12:00 hrs							
06.	Evening-peak Generation (Generation end)	:	9363.00	MW,	at =	19:30 hrs P							
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:30 hrs P							
08.	Actual Minimum Generation up to 8:00 hrs.	:	5920.00	MW,	at =	5:00 hrs am							
09.	Generation shortfall at evening peak due to :	:											
	a) Gas limitation	:	1616	MW									
	d) Coal supply Limitation	:	0	MW									
	b) Low water level in Kaptai lake	:	160	MW									
	c) Plants under shut down/ maintenance	:	486	MW									
10.	Total Energy (Generation + India Import)	:	179.56	MKWh									
	By Gas =	133.500	MKWH										
	By Coal =	8.949	MKWH										
	By Solar=	0.184	MKWH										
11.	Total Gas Supplied	:	1099.30	MMCFD									
(D) Forecast of 20.02.20 (Today) Thursday :													
01.	Maximum Demand	:	9500	MW	(Generation end)								
02.	Maximum Generation	:	14165	MW	(Generation end)								
03.	Maximum Shortage	:	-4665	MW	(Generation end)								
04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)								
05.	Total Generation	:	182.19	MKWh									
06.	Probable Max. Temperature in Dhaka ;	:	29.5° C										
(E) Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :													
	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW					
	Dhaka	3151	3151	0	Mymensingh	733	733	0					
	Chattogram	885	885	0	Sylhet	325	325	0					
	Khulna	1076	1076	0	Barishal	241	241	0					
	Rajshahi	1076	1076	0	Rangpur	241	241	0					
	Cumilla	785	785	0									
					Total	8513	8513	0					
13.	Fuel cost :	(a) Gas =	123111076	Taka	(c) Coal =	41589994	Taka						
		(b) Oil =	169650151	Taka	Total =	164701070	Taka						
14.	Maximum Temperature in Dhaka was :	29.5° C											
15.	Export through East-West interconnections :												
	At evening peak-hour	:	-405	MW,	at	19:30 hrs PM							
	Maximum	:	-502	MW,	at	1:00 hrs							
	Energy	:	4.1545	MKWh									