



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9584667, 9551095

Month February, 2020			Day : Monday				Date : 10.02.20					
Probable Maximum Demand :			9300 MW				Probable Maximum Generation : 14485 MW					
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 93.05 ft				Today = 92.84 ft				Rule Curve = 95.74 ft	
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	09.02.20 (Yesterday)		10.02.20 (Today)		09.02.20 (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
(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 CCP Unit-3	Gas (PDB)	1 x 210	210	170	134	0	0	0	170	Gas Shortage	
	c) Ghorasal Repowered CCP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	100	160			
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190	Gas Shortage	
2	Ghorasal 365 MW CCP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	370	300	365	365			
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	0	100	100			
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 GTPP	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	0	0	220	360			
8	Meghnaghat 450 MW CCP(MPL)	Gas (IPP)	2x140+1x170	450	450	450	380	450	450			
9	210 MW Siddhirganj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Gas Shortage	
10	Haripur 412 MW CCP	Gas (EGCB)	1x273+1x139	412	412	340	337	412	412			
11	Siddhirganj 2'120 MW GTPP	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	70	100	100	100			
14	Meghnaghat CCP(Summit)	GAS (IPP)	2x110+1x110	305	305	225	230	225	225			
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	70	92	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	97	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	48	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	50	100	100			
19	Gagnagar 102 MW PP (Digital Pow	HFO (IPP)	12x8.924	102	102	74	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	57	57	57			
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	20	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	Katpotti 52 MW PP (Sirha)	HFO (IPP)	7x7.90	51	51	0	47	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	150	200	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	100	149	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	0	300			
32	Branhangoan 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	Nabaganj 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	2080	2386	3579	4381	1165	360		
37	Karnaphuli Hydro PP Unit-1,2,3,4	Hydro (PDB)	2x40, 3x50	230	230	69	68	70	70	162	Low Water Level	
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	115	115	0	0			
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	115	115	180	Gas Shortage	
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	2	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	18.8	0	20	0			
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	50	47	50	50			
43	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	0	34	105	105			
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	105	100	145	145			
45	Sikalbaha 225 MW CCP	Gas (PDB)	1 x 150+1 x 75	225	225	177	202	210	220			
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	211	216	230	300			
47	Juldah 100 MW Unit-1 (Accom)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
48	Juldah 100 MW PP Unit-3 (Accom)	HFO (IPP)	8x13.45	100	100	30	90	90	90			
49	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	34	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, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			6	26	15	30			
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	98	100	100			
53	Sikalbaha 54 MW Power Plant(Jodiac 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	802.8	1049	1485	1635	342	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	36	38	42	42			
57	Ashuganj 225 MW CCP	Gas (APSCCL)	1x142+1'75	221	221	178	184	225	225			
58	Ashuganj 450 MW CCP(South)	Gas (APSCCL)	1x360	360	360	360	290	360	360			
59	Ashuganj 450 MW CCP(North)	Gas (APSCCL)	1x361	360	360	310	265	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	51	51			
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	120	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	0	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	22	22	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	14	21	20	20			
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 Impopt (Tripura)	HFO (IPP)	12'9.78+2'3.1	113	113	0	0	113	113			
	** India			160	160	96	112	95	111			
Cumilla Zone Total			3040	2980	1242	1334	1682	2362	264	0		
75	RPCL 210MW CCP	Gas (IPP)	4x35+1x70	210	202	102	104	129	129			
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	91	95	95	95			
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	91	95	115	115			
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	7	60	100	200			
80	Sarishabani 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1.9	0	1.6	0			
Mymensingh Zone Total			645	637	338.9	396	462.6	561	0	0		

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	09.02.20 (Yesterday)		10.02.20 (Today)		09.02.20 (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)				
81	Fenchugonj CCGP Phase-1	Gas (PDB)	2x32+1x33	97	70	35	72	60	60					
82	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	50	50	55	55					
83	Fenchugonj 51 MW PP (Barakattul)	Gas (RPP)	19x2.90	51	51	50	51	51	51					
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	44	44					
85	Kushlaha 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	130	130	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	64	67	66	66					
88	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	147	153	160	160					
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	76	78	80	80					
90	Sylhet 150 MW CCGP	Gas (PDB)	1x142	142	142	0	23	15	15					
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	17	20	20					
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	8	19	24	24					
95	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	280	310	341	341					
96	Bibiyan-II 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	144	145	145	145					
Sylhet Zone Total					1944	1899	1052	1186	1245	1245	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 (NWP/GCL)	1 x 278+1 x 132	410	410	250	310	300	300					
99	Fairdip 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 (NWP/GCL)	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+7x1.5+15	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 (NWP/GCL)	6x18.415	105	105	0	85	50	105					
**	Bheramara (HVDC)	India		1000	1000	495	787	501	797					
Khulna Zone Total					2328	2314	811	1297	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	110	70	110					
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	12	20	20	20					
110	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	164	0	194	194					
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	32	95	95	95					
Payra 1320 MW							315	0	0	0				
Barisal Zone Total					472	462	523	225	379	449	0	0		
112	a) Baghabani 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	71			Gas Shortage		
112	b) Baghabani 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	100			Gas Shortage		
113	Baghabani 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50					
114	Baghabani 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	0	50	50	50					
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	78	102	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 (NWP/GCL)	1x150+1x75	210	210	220	184	210	210					
122	Sirajgonj 225MW CCGP Unit-2	Gas (NWP/GCL)	1x150 + 1x75	220	220	0	0	0	220			Gas Shortage		
123	Sirajgonj 225MW CCGP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	0	0	0	220			Gas Shortage		
124	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	390	397	410	410					
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	18	21	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	109	109	113	113					
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	70	0	113					
Rajshahi Zone Total					2193	2183	829	947	1233	1499	611	0		
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	91	91	90	90					
131	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	190	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	70	113	113	113					
135	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17					
136	Majpara, Tatala 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	5.3	0	8	0					
Rangpur Zone Total					685	605	356	394	401	427	0	85		
Sub-total: Plants in operation					19580	19057	8035.0	9214	11626	14485	2382	445		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss														
					7543	8316	10914	13598						
(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	8035.0	9214	11626	14485	2382	445		
(C) Actual data of 09.02.20 (Yesterday) Sunday :														
01.	Max. Demand (Generation end)	:	9214.00	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)	:	8316.00	MW,	at =	19:30 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	9214.00	MW,	at =	19:30 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	5446.00	MW,	at =	5:00 hrs	Dhaka	3043	3043	0	Mymensingh	747	747	0
05.	Day-peak Generation (Generation end)	:	8035.00	MW,	at =	12:00 hrs	Chattogram	882	882	0	Sylhet	325	325	0
06.	Evening-peak Generation (Generation end)	:	9214.00	MW,	at =	19:30 hrs	Khulna	1056	1056	0	Barishal	232	232	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:30 hrs P	Rajshahi	1056	1056	0	Rangpur	232	232	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	5725.00	MW,	at =	5:00 hrs am	Cumilla	743	743	0				
09.	Generation shortfall at evening peak due to :	:									Total	8316	8316	0
a)	Gas limitation	:	2220	MW			13.	Fuel cost :	(a) Gas = 113856590 Taka	(c) Coal = 32674764 Taka				Taka
c)	Coal supply Limitation	:	0	MW					(b) Oil = 220290464 Taka	Total = 146531354 Taka				Taka
b)	Low water level in Kaptai lake	:	162	MW										
c)	Plants under shut down/ maintenance	:	445	MW										
10.	Total Energy (Generation + India Import)	:	177.55	MKWh			14.	Maximum Temperature in Dhaka was :	27.0° C					
	By Gas = 123.427 MKWh						15.	Export through East-West interconnections :						
	By Coal = 10.251 MKWh							At evening peak-hour	: -284	MW,	at	19:30 hrs PM		
	By Solar = 0.182 MKWh							Maximum	: -349	MW,	at	23:00 hrs		
11.	Total Gas Supplied	:	1025.66	MMCFD				Energy	: 2.131	MKWh				
(D) Forecast of 10.02.20 (Today) Monday :														
01.	Maximum Demand	:	9300	MW	(Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	14485	MW	(Generation end)		05.	Total Generation	:	179.20	MKWh			
03.	Maximum Shortage	:	-5185	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka :	:	26.0° C				

* Captive Power ** Imported Power

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

(Fazul Islam Shaker)
Deputy Secretary, Generation