



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9584667, 9551095

Month February, 2020			Day : Thursday				Date : 06.02.20						
Probable Maximum Demand : 9300 MW			Probable Maximum Generation : 14545 MW										
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 93.59 ft		Today = 93.47 ft		Rule Curve = 96.30 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	05.02.20 (Yesterday)		06.02.20 (Today)		05.02.20 (Yesterday) Gen. shortfall for : Gas/water/Coal limitation MW	Machines shut down (MW)	Status of Machines under shut-down/ Maintenance	Description/ Remarks	Probable start-up date
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Day	Evening					
(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	0	0	0	0	170		Gas Shortage	
	c) Ghorasal Repowered CCP Unit-4	Gas (PDB)	1 x 210	210	180	0	150	150	150				
	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	380	320	365	365				
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 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	0	0	360		Under maint.	13/02/20
8	Meghnaghat 450 MW CCP(MPL)	Gas (IPP)	2x140+1x170	450	450	225	225	225	225				
9	210 MW Siddhirgonj 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	348	337	412	412				
11	Siddhirgonj 2'120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210		Gas Shortage	
12	Siddhirgonj 335 MW CCP	Gas (EGCB)	1 x 217+1x118	335	335	227	200	240	240	135		Was Under maint.	
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	24	100	100	100				
14	Meghnaghat CCP(Summit)	GAS (IPP)	2x110+1x110	305	305	224	285	280	305				
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	29	100	100	100				
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	60	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	50	100	100				
19	Gagnagar 102 MW PP (Digital Pow	HFO (IPP)	12x8.924	102	102	50	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	46	53	56	57				
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	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	8	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	45	200	300				
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	91	149	100	149				
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	0	300				
32	Bramhangao 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	17	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	1874	2530	3329	4006	830	495			
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	70	72	72	72	158		Low Water Level	
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	110	120	120	120	60		Gas Shortage	
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Under maint.	8/2/2020
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	4.6	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	18.46	0	20	0				
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	16	50	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	104	104	145	145				
45	Sikalbaha 225 MW CCP	Gas (PDB)	1 x 150+1 x 75	225	225	205	202	210	220				
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	178	215	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	0	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, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			3	26	10	30				
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	93	100	100				
53	Sikalbaha 54 MW Power Plant(Jodioc 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	728.06	1025	1487	1642	218	180			
55	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	100	100	100	100				
56	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	36	42	42	42				
57	Ashuganj 225 MW CCP	Gas (APSCL)	1x142+1'75	221	221	175	184	225	225				
58	Ashuganj 450 MW CCP(South)	Gas (APSCL)	1x360	360	360	325	295	360	360				
59	Ashuganj 450 MW CCP(North)	Gas (APSCL)	1x361	360	360	330	280	320	360				
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	24	24	5	5				
61	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20'9.73+1'116	195	195	55	55	55	55				
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51				
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	100	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	50	0	0				
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	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	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	82	112	100	108				
Cumilla Zone Total			3040	2980	1258	1380	1557	2269	264	0			
75	RPCL 210MW CCP	Gas (IPP)	4x35+1x70	210	202	102	104	110	120				
76	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	17	22	22				
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	95	95	95	95				
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	110	115	80	115				
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	50	100	200				
80	Sarishabani 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	1.6	0				
Mymensingh Zone Total			645	637	326	381	408.6	552	0	0			

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	05.02.20 (Yesterday)		06.02.20 (Today)		05.02.20 (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	60	60	60	60					
82	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	42	55	55	55					
83	Fenchugonj 51 MW PP (Barakattul)	Gas (RPP)	19x2.90	51	51	53	53	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	163	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	63	67	66	66					
88	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	154	150	160	160					
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	0	62	62	62					
90	Sylhet 150 MW CCGP	Gas (PDB)	1x142	142	142	0	0	150	150					
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	0	0	0	20	Under maint.	8/2/2020		
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	24	24	24	24					
95	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	130	280	341	341					
96	Bibiyan-II 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	145	145	230	230					
Sylhet Zone Total					1944	1899	1082	1097	1427	1427	0	20		
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	355	350	350					
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	5	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	0	50	105					
**	Bheramara (HVDC)	India		1000	1000	396	565	400	745					
Khulna Zone Total					2328	2314	712	1040	1108	1924	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	13	20	20	20					
110	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	189	180	194	194					
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	95	97	95	95					
Barisal Zone Total					472	462	297	377	379	449	0	0		
112	a) Baghabani 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71	Gas Shortage			
	b) Baghabani 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	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	40	50	50	50					
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	68	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	130	130	210	210					
122	Sirajgonj 225MW CCGP Unit-2	Gas (NWP/GCL)	1x150 + 1x75	220	220	0	0	0	0	220	Gas Shortage			
123	Sirajgonj 225MW CCGP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	130	0	225	225					
124	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	276	326	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	5	5	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	35	0	113					
Rajshahi Zone Total					2193	2183	722	756	1458	1724	391	0		
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	121	120	120	120					
	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	279	280	285	285					
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	0	113	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	5.2	0	8	0					
Rangpur Zone Total					685	605	405	513	526	552	0	85		
Sub-total: Plants in operation					19580	19057	7404.3	9099	11680	14545	1703	780		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss					7013	8276	11062	13776						
(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	7404.3	9099	11680	14545	1703	780		
(C) Actual data of 05.02.20 (Yesterday) Wednesday :														
01.	Max. Demand (Generation end)	:	9099.00	MW,	at =	19:00 hrs P	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	8276.00	MW,	at =	19:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	9099.00	MW,	at =	19:00 hrs P	Dhaka	3018	3018	0	Mymensingh	732	732	0
04.	Minimum Generation (Generation end)	:	5624.00	MW,	at =	5:00 hrs	Chattogram	880	880	0	Sylhet	326	326	0
05.	Day-peak Generation (Generation end)	:	7404.26	MW,	at =	12:00 hrs	Khulna	1062	1062	0	Barishal	222	222	0
06.	Evening-peak Generation (Generation end)	:	9099.00	MW,	at =	19:00 hrs P	Rajshahi	1062	1062	0	Rangpur	222	222	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:00 hrs P	Cumilla	752	752	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	5573.00	MW,	at =	5:00 hrs am								
09.	Generation shortfall at evening peak due to :	:												
	a) Gas limitation	:	1545	MW			13.	Fuel cost :	(a) Gas = 123658121 Taka	(c) Coal = 45770779 Taka				
	c) Coal supply Limitation	:	0	MW				(b) Oil = 164528477 Taka	Total = 169428900 Taka					
	b) Low water level in Kaptai lake	:	158	MW										
	c) Plants under shut down/ maintenance	:	780	MW			14.	Maximum Temperature in Dhaka was :	26° C					
10.	Total Energy (Generation + India Import)	:	177.05	MKWh			15.	Export through East-West interconnections :						
	By Gas = 131.083 MKWh			By Oil = 23.848 MKWh				At evening peak-hour	: -390	MW,	at	19:00 hrs PM		
	By Coal = 9.613 MKWh			By Hydro = 1.627 MKWh				Maximum	: -393	MW,	at	18:30 hrs		
	By Solar= 0.169 MKWh							Energy	: 2.9525	MKWh				
11.	Total Gas Supplied	:	1082.76	MMCFD										
(D) Forecast of 06.02.20 (Today) Thursday :														
01.	Maximum Demand	:	9300	MW	(Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	14545	MW	(Generation end)		05.	Total Generation	:	180.96	MKWh			
03.	Maximum Shortage	:	-5245	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka :	:	26.1° C				

* Captive Power ** Imported Power

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

(Faouzi Islam Shaker)
Deputy Secretary, Generation