



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9584667, 9551095

Month February, 2020			Day : Monday				Date : 03.02.20				
Probable Maximum Demand :			9200	MW	Probable Maximum Generation :				14643	MW	
Water Level of Kaptai Lake at 06:00 AM			Yesterday =	94.14	ft	Today =	94.03	ft	Rule Curve =	96.86	ft
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	02.02.20 (Yesterday)		03.02.20 (Today)		02.02.20 (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	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	198	200	220	220		
	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	175	380	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	335	335	0	0		
8	Meghnaghat 450 MW CCP(MPL)	Gas (IPP)	2x140+1x170	450	450	400	370	450	450		
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	336	348	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	280	154	335	335		
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	40	100	100	100		
14	Meghnaghat CCP(Summit)	GAS (IPP)	2x110+1x110	305	305	0	0	0	150		
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	2	100	100	100		
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	40	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	7	48	100	102		
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	22	22		
21	Summit Power, (Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	56	56	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	33	33	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 (Sinha)	HFO (IPP)	7x7.90	51	51	0	6	50	50		
28	Kamalaghat 54 MW PP (Barco Energy)	HFO (IPP)	3x18.69	54	54	35	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	48	95	100	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	2061	2489	3440	4241	830	0	
37	Karnaphuli Hydro PP Unit-1,2,3,4	Hydro (PDB)	2x40, 3x50	230	230	80	80	80	80	150	Low Water Level
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	110	110	110	110	70	Gas Shortage
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Under maint.
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	1.3	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	9.88	0	20	0		
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	39	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	140	104	145	145		
45	Sikalbaha 225 MW CCP	Gas (PDB)	1 x 150+1 x 75	225	225	35	222	200	220		
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	66	213	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	50	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	16	22	21	21		
	* Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			3	28	10	30		
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	40	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	461.18	908	1475	1640	400	0	
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	135	135	135	135		
	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	43	43	43	43		
57	Ashuganj 225 MW CCP	Gas (APSCL)	1x142+1'75	221	221	182	182	225	225		
58	Ashuganj 450 MW CCP(South)	Gas (APSCL)	1x360	360	360	275	310	360	360		
59	Ashuganj 450 MW CCP(North)	Gas (APSCL)	1x361	360	360	0	0	0	0		
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	40	5	5	5		
61	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20'9.73+1'116	195	195	8	8	55	110		
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	35	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	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	18	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	HFO (IPP)	12'9.78+2'3.1	113	113	0	0	113	113		
**	Impoprt (Tripura)	India		160	160	78	108	93	104		
Cumilla Zone Total			3040	2980	1086	1154	1456	2186	129	0	
75	RPCL 210MW CCP	Gas (IPP)	4x35+1x70	210	202	162	127	160	160		
76	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	22	22		
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	92	92	95	95		
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	85	115	90	115		
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	16	96	100	200		
80	Sarishabani 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1.2	0	1.6	0		
Mymensingh Zone Total			645	637	376.2	450	428.6	592	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	02.02.20 (Yesterday)		03.02.20 (Today)		02.02.20 (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	22	22	22	22					
83	Fenchugonj 51 MW PP (Barakattul)	Gas (RPP)	19x2.90	51	51	50	53	51	51					
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	44	44	44					
85	Kushlaha 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	130	100	163	163					
86	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	10	11	11					
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	66	68	66	66					
88	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	149	152	160	160					
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	5	58	76	76					
90	Sylhet 150 MW CCGP	Gas (PDB)	1x142	142	142	147	122	140	140					
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	270	310	341	341					
96	Bibiyan-II 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	142	145	230	230					
Sylhet Zone Total					1944	1899	1133	1178	1398	1398	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	310	330	340	340					
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	16	49	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	33	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	398	738	402	747					
Khulna Zone Total					2328	2314	724	1150	1100	1916	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	7	20	20	20					
110	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	176	200	150	150					
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	95	97	95	95					
Barisal Zone Total					472	462	278	317	335	405	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	24	40	50	50					
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	43	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	180	145	210	210					
122	Sirajgonj 225MW CCGP Unit-2	Gas (NWP/GCL)	1x150 + 1x75	220	220	0	0	0	220	220	Gas Shortage			
123	Sirajgonj 225MW CCGP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	0	58	210	210					
124	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	428	367	410	410					
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	18	22	22					
126	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	5	5	3	4					
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	85	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	796	1441	1708	391	0		
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	119	118	125	125					
	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	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	100	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	2.3	0	8	0					
Rangpur Zone Total					685	605	401	498	531	557	0	85		
Sub-total: Plants in operation					19580	19057	7275.7	8940	11605	14643	1750	105		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss														
					6877	8089	10969	13840						
(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	7275.7	8940	11605	14643	1750	105		
(C) Actual data of 02.02.20 (Yesterday) Sunday :														
01.	Max. Demand (Generation end)	:	8940.00	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)	:	8089.00	MW,	at =	19:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8940.00	MW,	at =	19:00 hrs	Dhaka	2899	2899	0	Mymensingh	758	758	0
04.	Minimum Generation (Generation end)	:	5467.00	MW,	at =	5:00 hrs	Chattogram	856	856	0	Sylhet	323	323	0
05.	Day-peak Generation (Generation end)	:	7275.68	MW,	at =	09:00 hrs	Khulna	1037	1037	0	Barishal	220	220	0
06.	Evening-peak Generation (Generation end)	:	8940.00	MW,	at =	19:00 hrs	Rajshahi	1037	1037	0	Rangpur	220	220	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:00 hrs P	Cumilla	739	739	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	5478.00	MW,	at =	5:00 hrs am								
09.	Generation shortfall at evening peak due to :	:												
	a) Gas limitation	:	1600	MW			13.	Fuel cost :	(a) Gas = 127065520 Taka	(c) Coal = 45735196 Taka				
	c) Coal supply Limitation	:	0	MW				(b) Oil = 108733126 Taka	Total = 172800716 Taka					
	b) Low water level in Kaptai lake	:	150	MW										
	c) Plants under shut down/ maintenance	:	105	MW			14.	Maximum Temperature in Dhaka was :	23.8° C					
10.	Total Energy (Generation + India Import)	:	171.27	MKWh			15.	Export through East-West interconnections :						
	By Gas = 135.780 MKWh			By Oil = 12.574 MKWh				At evening peak-hour	: -310	MW,	at	19:00 hrs PM		
	By Coal = 9.604 MKWh			By Hydro = 1.631 MKWh				Maximum	: -487	MW,	at	1:00 hrs		
	By Solar = 0.189 MKWh							Energy	: 3.333	MKWh				
11.	Total Gas Supplied	:	1112.03	MMCFD										
(D) Forecast of 03.02.20 (Today) Monday :														
01.	Maximum Demand	:	9200	MW	(Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	14643	MW	(Generation end)		05.	Total Generation	:	176.25	MKWh			
03.	Maximum Shortage	:	-5443	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka :	:	24.8° C				

* Captive Power ** Imported Power

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

(Faouzi Islam Shaker)
Deputy Secretary, Generation