



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9584667, 9551095

Month February, 2020		Day : Sunday				Date : 09.02.20						
Probable Maximum Demand :		9300 MW				Probable Maximum Generation : 13917 MW						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 93.23 ft		Today = 93.05 ft		Rule Curve = 95.88 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	08.02.20 (Yesterday)		09.02.20 (Today)		08.02.20 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for : Gas/water/Coal limitation MW	Machines shut down (MW)		Description/ Remarks
						Day	Evening	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	134	134	134	134			
	c) Ghorasal Repowered CCP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0			
	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	350	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	0	0	0	0	360	Under maint. 13/02/20	
8	Meghnaghat 450 MW CCP(MPL)	Gas (IPP)	2x140+1x170	450	450	400	400	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	371	358	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	0	0	0	0	335	Gas Shortage	
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	75	96	100	100			
14	Meghnaghat CCP(Summit)	GAS (IPP)	2x110+1x110	305	305	276	220	225	225			
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	41	100	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	80	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	40	100	100			
19	Gagnagar 102 MW PP (Digital Pow	HFO (IPP)	12x8.924	102	102	64	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	59	57	56	57			
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	0	25	33	33			
23	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	17	17	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	12	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	126	200	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	30	149	100	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	0	300			
32	Bramhanganj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100			
33	Aurahi 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	1964	2546	3243	3895	995	360		
37	Karnaphuli Hydro PP Unit-1,2,3,4	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	120	115	120	120			
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Gas Shortage	
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	0	20	0			
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	17	50	50			
43	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	0	50	105	105			
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	143	170	145	145			
45	Sikalbaha 225 MW CCP	Gas (PDB)	1 x 150+1 x 75	225	225	219	151	151	151			
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	135	234	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			6	20	15	30			
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	78	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	734.6	913	1431	1571	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	120	100	100	100			
56	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	36	39	42	42			
57	Ashuganj 225 MW CCP	Gas (APSCCL)	1x142+1'75	221	221	206	210	225	225			
58	Ashuganj 450 MW CCP(South)	Gas (APSCCL)	1x360	360	360	195	265	360	360			
59	Ashuganj 450 MW CCP(North)	Gas (APSCCL)	1x361	360	360	350	320	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	51	51	51	51			
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	138	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	0	50	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	16	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	0	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	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 Impoprt (Tripura)	HFO (IPP)	12'9.78+2'3.1	113	113	0	0	113	113			
	** India			160	160	80	92	97	108			
Cumilla Zone Total			3040	2980	1130	1307	1644	2359	264	0		
75	RPCL 210MW CCP	Gas (IPP)	4x35+1x70	210	202	157	126	129	129			
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	95	95	95			
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	8	115	115	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	0.8	0	1.6	0			
Mymensingh Zone Total			645	637	277.8	406	462.6	561	0	0		

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	08.02.20 (Yesterday)		09.02.20 (Today)		08.02.20 (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	50	31	60	60					
82	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	55	47	55	55					
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	46	50	44	44					
85	Kushlaha 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	0	0	163	163					
86	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	0	8	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	153	160	160					
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	71	78	80	80					
90	Sylhet 150 MW CCGP	Gas (PDB)	1x142	142	142	0	18	20	20					
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	0	0	0	20	Under maint.	9/2/2020		
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	16	16	24	24					
95	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	320	275	341	341					
96	Bibiyan-II 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	144	145	145	145					
Sylhet Zone Total					1944	1899	980	951	1230	1230	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	300	305	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	45	99	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	397	757	501	797					
Khulna Zone Total					2328	2314	742	1161	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	13	20	20	20					
110	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	196	176	194	194					
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	95	12	95	95					
	Payra 1320 MW					0	252	0	0					
Barisal Zone Total					472	462	304	460	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	25	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	0	50	50					
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	42	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	195	214	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	0	0	0	0	220	Gas Shortage			
124	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	435	405	410	410					
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	20	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	0	0	113					
Rajshahi Zone Total					2193	2183	815	890	1233	1499	611	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	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	0	100	113	113					
135	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17					
136	Majpara, Tahula 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	5.2	0	8	0					
Rangpur Zone Total					685	605	285	380	401	427	0	85		
Sub-total: Plants in operation					19580	19057	7232.6	9014	11183	13917	2211	465		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss														
					6791	8125	10500	13068						
(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	7232.6	9014	11183	13917	2211	465		
(C) Actual data of 08.02.20 (Yesterday) Saturday :														
01.	Max. Demand (Generation end)	:	9014.00	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)	:	8125.00	MW,	at =	19:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	9014.00	MW,	at =	19:00 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	5180.00	MW,	at =	5:00 hrs	Dhaka	2904	2904	0	Mymensingh	776	776	0
05.	Day-peak Generation (Generation end)	:	7232.60	MW,	at =	12:00 hrs	Chattogram	814	814	0	Sylhet	334	334	0
06.	Evening-peak Generation (Generation end)	:	9014.00	MW,	at =	19:00 hrs	Khulna	1056	1056	0	Barishal	222	222	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:00 hrs P	Rajshahi	1056	1056	0	Rangpur	222	222	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	5446.00	MW,	at =	5:00 hrs am	Cumilla	741	741	0				
09.	Generation shortfall at evening peak due to :	:									Total	8125	8125	0
	a) Gas limitation	:	2050	MW			13.	Fuel cost :	(a) Gas = 110926444 Taka	(c) Coal = 32504238 Taka				
	c) Coal supply Limitation	:	0	MW				(b) Oil = 161635296 Taka	Total = 143430681 Taka					
	b) Low water level in Kaptai lake	:	161	MW										
	c) Plants under shut down/ maintenance	:	465	MW			14.	Maximum Temperature in Dhaka was :	24.0° C					
10.	Total Energy (Generation + India Import)	:	167.90	MKWh			15.	Export through East-West interconnections :						
	By Gas =	122.751	MKWH	By Oil =	23.502	MKWH		At evening peak-hour	:	-191	MW,	at	19:00 hrs PM	
	By Coal =	8.982	MKWH	By Hydro =	1.601	MKWH		Maximum	:	-528	MW,	at	7:00 hrs	
	By Solar =	0.176	MKWH					Energy	:	2.813	MKWh			
11.	Total Gas Supplied	:	1044.86	MMCFD										
(D) Forecast of 09.02.20 (Today) Sunday :														
01.	Maximum Demand	:	9300	MW	(Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	13917	MW	(Generation end)		05.	Total Generation	:	173.22	MKWh			
03.	Maximum Shortage	:	-4617	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka :	:	27.4° C				

* Captive Power ** Imported Power

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

(Faouzi Islam Shaker)
Deputy Secretary, Generation