



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

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

Month March, 2020			Day : Friday				Date : 06.03.20							
Probable Maximum Demand : 8800 MW			Yesterday = 89.09 ft						Today = 88.89 ft		Probable Maximum Generation : 14491 MW		Rule Curve = 92.20 ft	
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	05.03.20 (Yesterday)		06.03.20 (Today)		Probable Peak Generation (MW)		05.03.20 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for : Gas/water/Coal limitation MW	Machines shut down (MW)		
					Day	Evening	Day	Evening	Day	Evening			Description/ Remarks	Probable start-up date
(A) Plants in operation:														
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	0	0	0	0		85	Under maint.	10/3/2020	
	b) Ghorasal Repowered CCP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0		170	Under maint.	10/3/2020	
	c) Ghorasal Repowered CCP Unit-4	Gas (PDB)	1 x 210	210	180	200	150	200	200					
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0		190	Under maint.	30/03/2020	
2	Ghorasal 365 MW CCP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	300	320	325	325					
3	Ghorasah 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0	108		Gas Shortage		
4	Ghorasah 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0	78		Gas Shortage		
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	357	314	360	360					
8	Meghnaghat 450 MW CCP(MPL)	Gas (IPP)	2x140+1x170	450	450	390	370	450	450					
9	210 MW Siddhirgonj 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	368	342	412	412					
11	Siddhirgonj 2'120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	50	100	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	30	90	100	100					
14	Meghnaghat CCP(Summit)	GAS (IPP)	2x110+1x110	305	305	120	120	150	150					
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	16	86	100	100					
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	55	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	40	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	57	56	58	58					
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	Katpottii 52 MW PP (Sirha)	HFO (IPP)	7x7.90	51	51	0	30	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	37	139	149	149					
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	0	300					
32	Bramhangoan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100					
33	Aurahati 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	70	70					
Dhaka Zone Total			6047	5811	2057	2502	3582	4234	876	560				
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	66	67	70	70	163		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	4.8	0	5	0					
40	Razzan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25					
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	18.8	0	20	0					
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	8	48	50	50					
43	Sikalbaha 105 MW PP (Baraka Sik	HFO (IPP)	6x18.415	105	105	0	26	105	105					
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	139	104	145	145					
45	Sikalbaha 225 MW CCP	Gas (PDB)	1 x 150+1 x 75	225	225	204	204	210	210					
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	193	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	20	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	20	22					
	* Malanchar Cig,EP2 (United)	Gas	5x8.73+3x9.34			2	24	30	40					
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	40	100	100					
53	Sikalbaha 54 MW Power Plant(Jodiach 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	784.6	957	1504	1641	233	180				
55	a) Ashuganj TPP Unit- 3	Gas (APCSCL)	1 x 150	150	135	0	0	0	0	135		Gas Shortage		
	b) Ashuganj TPP Unit- 4	Gas (APCSCL)	1 x 150	150	129	100	150	150	150					
	c) Ashuganj TPP Unit- 5	Gas (APCSCL)	1 x 150	150	134	0	0	0	0	134		Gas Shortage		
56	Ashuganj 50 MW PP	Gas (APCSCL)	14x3.968	53	45	43	46	36	46					
57	Ashuganj 225 MW CCP	Gas (APCSCL)	1x142+1'75	221	221	187	221	225	225					
58	Ashuganj 450 MW CCP(South)	Gas (APCSCL)	1x360	360	360	155	155	0	0					
59	Ashuganj 450 MW CCP(North)	Gas (APCSCL)	1x361	360	360	280	295	360	360					
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	5	5	5	5					
61	Ashuganj 195MW PP (APSC	Gas (IPP)	20'9.73+11'16	195	195	26	83	195	195					
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	80	100	150					
64	Tilas 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	91	80	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	5	8	11	11					
69	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	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	20	22	22	22					
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 Impoport (Tripura)	HFO (IPP)	12'9.78+2'3.1	113	113	0	0	113	113					
**		India		160	160	104	116	102	113					
Cumilla Zone Total			3040	2980	1119	1359	1515	2200	269	0				
75	RPCL 210MW CCP	Gas (IPP)	4x35+1x70	210	202	145	156	210	210					
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	49	91	95	95					
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	54	115	115	115					
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	2	40	100	200					
80	Sarishabani 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	1.6	0					
Mymensingh Zone Total			645	637	274.1	424	543.6	642	0	0				

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	05.03.20 (Yesterday)		06.03.20 (Today)		05.03.20 (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	89	86	85	88				
82	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	32	32	22	22				
83	Fenchugonj 51 MW PP (Barakatlul)	Gas (RPP)	19x2.90	51	51	22	53	51	51				
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	51	51	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	11	11	11	11				
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	61	65	66	66				
88	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	126	125	150	150				
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	81	81	80	82				
90	Sylhet 150 MW CCGP	Gas (PDB)	1x142	142	142	229	229	220	220				
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	19	19	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	24	24	24	24				
95	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	320	290	341	341				
96	Bibiya-III 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	234	234	235	235				
Sylhet Zone Total					1944	1899	1439	1440	1522	1527	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	380	320	330	330				
99	Fardipur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	35				
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	32	115	115	115				
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	0	0	100				
104	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	0	40	40				
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	642	888	312	665				
Khulna Zone Total					2328	2314	1054	1323	927	1830	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	16	70	110				
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	13	9	21	22				
110	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	137	124	130	135				
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	90	73	89	95				
	Payra 1320 MW					0	0	0	0				
Barisal Zone Total					472	462	240	222	310	392	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	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	170	170	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	429	360	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	8	11	10	11				
127	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	0	0	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	108	113	113				
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	27	0	113				
Rajshahi Zone Total					2193	2183	758	812	1238	1505	611	0	
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	90	90	93	93				
	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	35	72	113	113				
135	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
136	Majpara, Tatula 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	6.8	0	8	0				
Rangpur Zone Total					685	605	412	442	494	520	0	85	
Sub-total: Plants in operation					19580	19057	8137.5	9481	11636	14491	1989	825	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss					7800	8596	11153	13890					
(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	8137.5	9481	11636	14491	1989	825	
(C) Actual data of 05.03.20 (Yesterday) Thursday :													
01.	Max. Demand (Generation end)	:	9481.00 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)	:	8596.00 MW, at = 19:00 hrs P	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW		
03.	Highest Generation (Generation end)	:	9481.00 MW, at = 19:00 hrs	Dhaka	3487	3487	0	Mymensingh	767	767	0		
04.	Minimum Generation (Generation end)	:	5894.00 MW, at = 5:00 hrs	Chattogram	1013	1013	0	Sylhet	345	345	0		
05.	Day-peak Generation (Generation end)	:	8137.50 MW, at = 12:00 hrs	Khulna	1009	1009	0	Barishal	85	85	0		
06.	Evening-peak Generation (Generation end)	:	9481.00 MW, at = 19:00 hrs	Rajshahi	1009	1009	0	Rangpur	85	85	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 19:00 hrs P	Cumilla	796	796	0						
08.	Actual Minimum Generation up to 8:00 hrs.	:	6470.00 MW, at = 5:00 hrs am										
09.	Generation shortfall at evening peak due to :	:		13.	Fuel cost :			Total	8596	8596	0		
	a) Gas limitation	:	1826 MW		(a) Gas =	131197687 Taka	(c) Coal =	38131391 Taka					
	d) Coal supply Limitation	:	0 MW		(b) Oil =	132326927 Taka	Total =	169329079 Taka					
	b) Low water level in Kaptai lake	:	163 MW	14.	Maximum Temperature in Dhaka was :		30.1° C						
	c) Plants under shut down/ maintenance	:	825 MW	15.	Export through East-West interconnections :								
10.	Total Energy (Generation + India Import)	:	184.15 MKWh		At evening peak-hour	:	-58 MW, at 19:00 hrs PM						
	By Gas =	140.291 MKWh	By Oil =	17.880 MKWh	Maximum	:	-330 MW, at 1:00 hrs						
	By Coal =	8.126 MKWh	By Hydro =	1.547 MKWh	Energy	:	1.602 MKWh						
	By Solar =	0.188 MKWh											
11.	Total Gas Supplied	:	1140.89 MMCFD										
(D) Forecast of 06.03.20 (Today) Friday :													
01.	Maximum Demand	:	8800 MW (Generation end)	04.	Maximum Load-shed	:	0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	14491 MW (Generation end)	05.	Total Generation	:	170.92 MKWh						
03.	Maximum Shortage	:	-5691 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	29.4° C						

* Captive Power ** Imported Power

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

(Faouzi Islam Shaker)
Deputy Secretary, Generation