



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month April, 2020					Day : Saturday					Date : 11.04.20				
Probable Maximum Demand : 10300 MW					Probable Maximum Generation : 14609 MW									
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 80.84 ft					Today = 80.68 ft				
					Rule Curve = 86.00 ft									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Dated/ Present Capacity (MW)	10.04.20 (Yesterday)		11.04.20 (Today)		10.04.20 (Yesterday)		11.04.20 (Today)		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	Probable start-up date		
(A) Plants in operation:														
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	24	24	24	24		61	Unit-1 Under maint.		
	b) Ghorasal Repowered CCGP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0		170	Under maint.		
	c) Ghorasal Repowered CCGP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0		180	Under maint.	22/04/2020	
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0		190	Under maint.	30/05/2020	
2	Ghorasal 365 MW CCGP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	280	280	300	300					
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	13	109	108	108					
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	40	40	78	78					
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 CCGP(HPL)	Gas (IPP)	1x235+1x125	360	360	322	353	300	360					
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	420	450	450	450					
9	210 MW Siddhirganj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0		115	Under Overhauling		
10	Haripur 412 MW CCGP	Gas (EGCB)	1x273+1x139	412	412	356	328	350	350					
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	78	150	100	100	60		Gas Shortage		
12	Siddhirganj 335 MW CCGP	Gas (EGCB)	1 x 217+1x118	335	335	150	215	0	0		120	ST under maint.		
13	Siddhirganj 100 PP(Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	0	0	100	100					
14	Meghnaghat CCGP(Summit)	GAS (IPP)	2x110+1x110	305	305	135	120	120	120					
15	Meghnaghat 100 MW(IEL)	HFO (QRPP)	12x8.9	100	100	0	0	0	100					
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	48	48	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	0	0	102	102					
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	19	19	22	22					
21	Summit Power, (Madhabdi-Ashulia)	Gas (SIIP, REB)	6x3.67+7x8.73	80	80	31	36	58	58					
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	30	30	33	33					
23	Rupganj 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	16	16	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	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	50	50					
28	Kamalaghat 54 MW PP (Barco Energy)	HFO (IPP)	3x18.69	54	54	0	0	54	54					
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	15	200	300					
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	13	48	149	149					
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	0	300					
32	Bramhangon 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	Nababganj 55 MW PP (Southern pc)	HFO (IPP)	3x19.3	55	55	0	17	55	55					
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	0	35	35					
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0					
Dhaka Zone Total					6047	5811	1975	2298	3277	4037	205	836		
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	37	33	40	40	197		Low Water Level		
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	90	90	100	100	90		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	7	1.6	0	5	0					
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	7	25	25					
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	19	0	20	0					
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	19	50	50					
43	Sikalbaha 105 MW PP (Baraka Siku)	HFO (IPP)	6x18.415	105	105	0	0	105	105					
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	104	139	140	140					
45	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0		225	Under maint.	12/4/2020	
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	34	107	230	300					
47	Julda 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	0	100	100					
48	Julda 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	0	0	100	100					
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	53	80	100					
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0					
51	Barakunda 22 MW PP (Regent)	Gas (SIIP, PDB)	8x2.90	22	22	19	21	22	22					
*	Melancho, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			42	42	42	42					
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	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					
	Julda unit-2	HFO (IPP)				100	100	100	100					
Chattogram Zone Total					2226	2166	446.6	611	1363	1488	287	405		
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	80	100	100	100					
	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	0	0	0	0	134		Gas Shortage		
56	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	39	39	39	39					
57	Ashuganj 225 MW CCGP	Gas (APSCL)	1x142+1*75	221	221	0	145	200	225					
58	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	290	265	360	360					
59	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	340	310	360	360					
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	30	48	40	50					
61	Ashuganj 150MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	8	45	45	45					
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	7	51	51	51					
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	30	100	150					
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50					
65	Chandpur 150 MW CCGP	Gas (PDB)	1X106+1x57	163	163	90	82	90	90					
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	0	200					
67	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	20	21	22	22					
68	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	8	11	11	11					
69	Jangalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	8	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 (SIIP, REB)	3x3.67+2x6.97	25	25	18	21	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	HFO (IPP)	12*9.78+2*3.1	113	113	0	113	113	113					
**	Import (Tripura)	India		160	160	106	138	116	131					
Cumilla Zone Total					3040	2980	1044	1452	1702	2416	263	0		
75	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	198	206	202	202					
76	Tangail 22 MW PP (Doreen)	Gas (SIIP, 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	55	115	115	115					
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	65	115	124	124					
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.2	0	1.6	0					
Mymensingh Zone Total					645	637	433.2	553	559.6	558	0	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	10.04.20 (Yesterday)		11.04.20 (Today)		10.04.20 (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	Probable start-up date
81	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	73	71	71	71				
82	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	43	43	43	43				
83	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	48	53	51	51				
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	46	47	44	44				
85	Kushiera 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	110	110	163	163				
86	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11				
87	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	58	63	66	66				
88	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	295	291	300	300				
89	Shahjibazar 86MW PP (Shahjibaza	Gas (RPP)	32x2.90	86	86	81	81	80	86				
90	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	99	150	120	150				
91	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	0	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	0	10	10	10				
94	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	0	16	24	24				
95	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	305	280	341	341				
96	Bibiyan-II 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0	400	Under maint.		
Sylhet Zone Total				1944	1899	1169	1245	1344	1380	0	400		
97	Bheramara GTTP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	40				
98	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	290	330	410	410				
99	Faridpur 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 CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	225				
102	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	115	115	115				
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	99	0	100				
104	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40				
105	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	0	90	105				
106	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	50	105				
**	Bheramara (HVDC)	India		1000	1000	351	933	358	950				
Khulna Zone Total				2328	2314	641	1517	1093	2195	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	50	110				
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	17	28	25	28				
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	177	170	180	180				
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	11	20	89	95				
Payra 1320 MW						466	666	0	0				
Barishal Zone Total				472	462	671	884	344	443	0	0		
112	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	0	40	40	71		Gas Shortage	
	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	50	60	60	60	40		Gas Shortage	
113	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50				
114	Baghabari 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	Ammura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	0	0				
117	Chapaiawanabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	60	100	80	100				
118	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	8	30	40	46				
119	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	24	42	42	42				
120	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	33	0	35				
121	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	150	180	170	200	30		Gas Shortage	
122	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage	
123	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	178	200	200	210	20		Gas Shortage	
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	400	386	410	410				
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	14	16	16	16				
126	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	8	7	11	11				
127	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11				
128	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	43	43	43	43				
129	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	70	109	113	113				
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	35	113	113				
Rajshahi Zone Total				2193	2183	1016	1252	1549	1745	381	0		
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under maint.	
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
132	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	189	170	200	200				
133	Rangpur 20 MW GTTP	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	40	113	113	113				
135	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
136	Majpara, Tatulia 8 MW Solar PP (Sympa	Solar (IPP)	1 x 8	8	8	7.2	0	8	0				
Rangpur Zone Total				685	605	236	283	321	347	85	85		
Sub-total: Plants in operation				19580	19057	7632.0	10095	11553	14609	1221	1726		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						7181	9498	10869	13745				
(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	7632.0	10095	11553	14609	1221	1726		
(C) Actual data of 10.04.20 (Yesterday) Friday :													
01.	Max. Demand (Generation end)	:	10095.00	MW, at =	21:00 hrs P	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	9498.00	MW, at =	21:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	10095.00	MW, at =	21:00 hrs	Dhaka	MW	MW	MW	Mymensingh	MW	MW	MW
04.	Minimum Generation (Generation end)	:	6518.40	MW, at =	6:00 hrs	Dhaka	2725	2725	0	Sylhet	932	932	0
05.	Day-peak Generation (Generation end)	:	7632.00	MW, at =	12:00 hrs	Chattogram	856	856	0	Sylhet	411	411	0
06.	Evening-peak Generation (Generation end)	:	10095.00	MW, at =	21:00 hrs	Khulna	1348	1348	0	Barishal	270	270	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	21:00 hrs P	Rajshahi	1250	1250	0	Rangpur	685	685	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	7051.04	MW, at =	5:00 hrs am	Cumilla	1021	1021	0				
09.	Generation shortfall at evening peak due to :	:								Total	9498	9498	0
	a) Gas limitation	:	939	MW		13.	Fuel cost :	(a) Gas = 158760145 Taka	(c) Coal = 76259940 Taka				
	d) Coal supply Limitation	:	85	MW			(b) Oil = 157813416 Taka	Total = 392833501 Taka					
	b) Low water level in Kaptai lake	:	197	MW									
	c) Plants under shut down/ maintenance	:	1726	MW		14.	Maximum Temperature in Dhaka was :	35.7° C					
10.	Total Energy (Generation + India Import)	:	188.75	MKWh		15.	Export through East-West interconnections :						
	By Gas = 135.747 MKWh			By Oil = 22.249 MKWh			At evening peak-hour	:	62	MW, at	21:00 hrs PM		
	By Coal = 16.307 MKWh			By Hydro = 0.786 MKWh			Maximum	:	-412	MW, at	8:00 hrs		
	By Solar= 0.238 MKWh						Energy	:	2.9445	MKWh			
11.	Total Gas Supplied	:	1157.45	MMCFD									
(D) Forecast of 11.04.20 (Today) Saturday :													
01.	Maximum Demand	:	10300	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	14609	MW	(Generation end)	05.	Total Generation	:	192.58	MKWh			
03.	Maximum Shortage	:	-4309	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	38° C				
* Captive Power ** Imported Power													
#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00													
(Faouzi Islam Shaker) Deputy Secretary, Generation													