



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month April, 2020				Day : Wednesday				Date : 22.04.20					
Probable Maximum Demand : 8500 MW				Probable Maximum Generation : 15600 MW									
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 79.28 ft				Today = 79.16 ft					
				Rule Curve = 83.80 ft									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derailed/ Present Capacity (MW)	21.04.20 (Yesterday)		22.04.20 (Today)		21.04.20 (Yesterday)		22.04.20 (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 CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0		170	Under maint.	
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0		180	Under maint.	
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0		190	Under maint.	
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	200	280	300	300				
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	13	52	108	108				
4	Ghorashal 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 GTPP	Gas (PDB)	2 x 32	64	40	0	0	0	0	40		Gas Shortage	
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	235	280	310	360				
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	300	380	400	450				
9	210 MW Siddhirganj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0		115	Under Overhauling	
10	Haripur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	292	335	412	412				
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	37	32	100	100	178		Gas Shortage	
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	70	230	218	218				
13	Siddhirganj 100 PP(Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	0	0	100	100				
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	135	130	150	150				
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	0	0	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	15	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	0	19	22	22				
21	Summit Power, (Madhabdi-Ashulia)	Gas (SIIP, REB)	6x3.67+7x6.73	80	80	31	34	35	35				
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x6.73	33	33	25	25	33	33				
23	Rupganj 33 MW PP(Summit)	Gas (SIIP, REB)	4x6.73	33	33	16	16	16	16				
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	0	200	300				
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	42	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	1378	1951	3529	4229	401	716		
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	37	36	40	40	194		Low Water Level	
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	70	0	0	0	180		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	0	5	0				
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25				
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	17.3	0	20	0				
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	18	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	70	139	140	145				
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	197	224	225	225				
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	0	0	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	51	100	100				
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0				
51	Barabkunda 22 MW PP (Regent)	Gas (SIIP, PDB)	8x2.90	22	22	21	21	22	22				
*	Melancha, 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)				10	60	100	100				
Chattogram Zone Total				2226	2166	465.3	591	1508	1618	374	180		
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	80	135	100	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	0	0	0	0	134		Gas Shortage	
56	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	10	42	42	42				
57	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	168	180	200	225				
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	255	270	360	360				
59	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	275	320	360	360				
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	10	20	5	20				
61	Ashuganj 150MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	8				
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	5	40	51	51				
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	0	100	150				
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50				
65	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	50	85	80	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	0	21	22	22				
68	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	0	2	11	11				
69	Jangalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	0	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	15	18	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	114	114				
74	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	0	80	113	113				
**	Impoport (Tirupura)	India		160	160	88	122	116	131				
Cumilla Zone Total				3040	2980	964	1376	1737	2387	263	0		
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	169	212	210	210				
76	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	0	17	20	20				
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	0	95	95				
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	26	115	115				
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	120	170	170				
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1.5	0	1.6	0				
Mymensingh Zone Total				645	637	170.5	375	611.6	610	0	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	21.04.20 (Yesterday)		22.04.20 (Today)		21.04.20 (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	74	73	71	73					
82	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	0	0	0	0					
83	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	5	50	51	51					
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	51	44	44					
85	Kushiera 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	100	110	163	163					
86	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	0	11	11	11					
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	26	40	66	66					
88	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	95	96	150	150	234		Gas Shortage		
89	Shahjibazar 86MW PP (Shahjibaza	Gas (RPP)	32x2.90	86	86	5	50	81	81					
90	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	40	130	100	130					
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	24	24	24					
95	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	280	341	341					
96	Bibiyaana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0	400		Under maint.		
Sylhet Zone Total				1944	1899	640	944	1132	1164	234	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	220	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	49	115	115					
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	50	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	90	105					
106	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	50	105					
**	Bheramara (HVDC)	India		1000	1000	558	541	564	958					
Khulna Zone Total				2328	2314	778	920	1349	2203	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	10	23	23	23					
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	149	179	180	180					
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	0	89	95					
Payra 1320 MW						241	345	400	660					
Barishal Zone Total				472	462	400	547	742	1098	0	0			
112	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	70	70	70	1		Gas Shortage		
	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	70	0	70	30		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	50	50	50					
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	51	80	100					
118	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	40	46					
119	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	42	42					
120	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	35					
121	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	140	180	210	210	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	140	211	210	210					
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	246	376	410	410					
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	0	17	17	17					
126	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	8	11	11					
127	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	0	11	11	11					
128	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	43	43					
129	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	35	113	113					
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	0	113	113					
Rajshahi Zone Total				2193	2183	526	1079	1620	1846	281	0			
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	71	72	100	100					
	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	150	150	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	0	36	113	113					
135	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	15					
136	Majpara, Tatula 8 MW Solar PP (Sympa	Solar (IPP)	1 x 8	8	8	0	8	0	0					
Rangpur Zone Total				685	605	221	258	421	445	85	0			
Sub-total: Plants in operation				19580	19057	5542.8	8041	12650	15600	1638	1296			
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						5222	7576	11918	14698					
(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	5542.8	8041	12650	15600	1638	1296			
(C) Actual data of 21.04.20 (Yesterday) Tuesday :														
01.	Max. Demand (Generation end)	:	8041.00	MW,	at =	19:30 hrs P	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	7576.00	MW,	at =	19:30 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8041.00	MW,	at =	19:30 hrs	MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	5362.00	MW,	at =	6:00 hrs	Dhaka	2354	2354	0	Mymensingh	701	701	0
05.	Day-peak Generation (Generation end)	:	5542.80	MW,	at =	11:00 hrs	Chattogram	745	745	0	Sylhet	312	312	0
06.	Evening-peak Generation (Generation end)	:	8041.00	MW,	at =	19:30 hrs	Khulna	1024	1024	0	Barishal	227	227	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:30 hrs P	Rajshahi	928	928	0	Rangpur	428	428	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	5184.60	MW,	at =	5:00 hrs am	Cumilla	857	857	0	Total	7576	7576	0
09.	Generation shortfall at evening peak due to :	:					13.	Fuel cost :	(a) Gas = 131190075 Taka	(c) Coal = 60171819 Taka				
	a) Gas limitation	:	1359	MW				(b) Oil = 17781943 Taka	Total = 209143838 Taka					
	d) Coal supply Limitation	:	85	MW										
	b) Low water level in Kapit lake	:	194	MW										
	c) Plants under shut down/ maintenance	:	1296	MW										
10.	Total Energy (Generation + India Import)	:	148.70	MKWh			14.	Maximum Temperature in Dhaka was : 30.7° C						
	By Gas = 117.355 MKWh			By Oil = 4.930 MKWh			15.	Export through East-West interconnections :						
	By Coal = 12.221 MKWh			By Hydro = 0.777 MKWh				At evening peak-hour : -40 MW, at 19:30 hrs PM						
	By Solar= 0.110 MKWh							Maximum : -40 MW, at 19:30 hrs						
11.	Total Gas Supplied	:	954.11	MMCFD				Energy : 0.08 MKWh						
(D) Forecast of 22.04.20 (Today) Wednesday :														
01.	Maximum Demand	:	8500	MW	(Generation end)		04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	15600	MW	(Generation end)		05.	Total Generation : 157.19 MKWh						
03.	Maximum Shortage	:	-7100	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka : 33.5° C						

* Captive Power ** Imported Power

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

(Faouzi Islam Shaker)
Deputy Secretary, Generation