



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month April, 2020		Day : Tuesday				Date : 21.04.20					
Probable Maximum Demand :		8800 MW		Probable Maximum Generation :		15651 MW					
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 79.39 ft		Today = 79.28 ft		Rule Curve = 84.00 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	20.04.20 (Yesterday)		21.04.20 (Today)		20.04.20 (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	
							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	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. 30/05/2020
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	280	270	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	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	346	360	310	360		
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	370	450	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	340	336	412	412		
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	55	100	100	155	Gas Shortage
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	233	218	218		
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	16	100	100		
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	130	130	150	150		
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	0	0	100	100		
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	15	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	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)	4x8.73	33	33	20	25	33	33		
23	Rupganj 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	0	16	25	25		
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 (Banco 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	15	149	149		
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	26x1.4	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	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	17	55	55		
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	17	35	35		
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0		
Dhaka Zone Total				6047	5811	1569	2174	3538	4238	378	716
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x30	230	230	33	32	40	40	198	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	3.8	0	5	0		
40	Razzan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	8	25	25		
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	16.6	0	20	0		
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	5	50	50		
43	Sikalbaha 105 MW PP (Baraka Siki)	HFO (IPP)	6x18.415	105	105	0	0	105	105		
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	139	139	140	145		
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	218	217	225	225		
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	0	16	230	300		
47	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	0	100	100		
48	Juldah 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	Barakunda 22 MW PP (Regent)	Gas (SIIP, PDB)	8x2.90	22	22	21	21	22	22		
*	Melancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			38	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		
	Juldah unit-2	HFO (IPP)				10	100	100	100		
Chattogram Zone Total				2226	2166	569.4	721	1608	1718	288	180
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	3	38	42	42		
57	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	181	180	200	225		
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	300	305	360	360		
59	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	325	310	360	360		
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	0	10	5	5		
61	Asnuganj 150MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	8	8	45	45		
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	0	30	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 CCPP	Gas (PDB)	1X106+1x57	163	163	91	81	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	8	11	11		
69	Jengalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	0	33	33	33		
70	Jengalia 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	12	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	114	114		
74	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	0	0	113	113		
**	Impoort (Tripura)	India		160	160	84	112	116	131		
Cumilla Zone Total				3040	2980	1084	1292	1774	2374	263	0
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	130	210	210	210		
76	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	0	20	22	22		
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	16	95	95		
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	0	115	115		
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	167	170	170		
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.4	0	1.6	0		
Mymensingh Zone Total				645	637	132.4	413	613.6	612	0	0

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	20.04.20 (Yesterday)		21.04.20 (Today)		20.04.20 (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 CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	56	88	87	87							
82	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	0	0	22	22							
83	Fenchugonj 51 MW PP (Barakatull)	Gas (RPP)	19x2.90	51	51	0	50	51	51							
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	3	51	44	44							
85	Kushiana 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	130	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	40	40	66	66							
88	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	101	95	160	160	235		Gas Shortage				
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	1	80	81	81							
90	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	0	40	40	40							
91	Sylhet 20 MW GTPP	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	9	10	10							
94	Shahjahanulla 25 MW PP	Gas (CIIP, REB)	3x3.34	25	25	0	21	24	24							
95	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	288	341	341							
96	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0	400		Under maint.				
Sylhet Zone Total				1944	1899	641	922	1120	1120	235	400					
97	Bheramara GTPP 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	345	330	410	410							
99	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	35							
100	Copalganj 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	0	50	100							
104	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40							
105	Rupsha 105 MW PP (Orton 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	556	946	564	958							
Khulna Zone Total				2328	2314	901	1431	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	17	9	30	30							
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	176	150	180	180							
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	0	89	95							
Payra 1320 MW						277	386	400	660							
Barishal Zone Total				472	462	470	545	749	1105	0	0					
112	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	70	70	71		Gas Shortage				
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	60	60	100		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	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	50	24	50	50							
117	Chapaiwabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	11	8	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	187	208	210	210	12		Gas Shortage				
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	411	390	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	70	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	807	916	1680	1836	433	0					
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	71	71	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 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	0	113	113							
135	Saidpur 20 MW GTPP	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	5.8	8	8	0							
Rangpur Zone Total				685	605	227	221	421	445	85	0					
Sub-total: Plants in operation				19580	19057	6400.6	8635	12853	15651	1682	1296					
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss																
(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	6400.6	8635	12853	15651	1682	1296					
(C) Actual data of 20.04.20 (Yesterday) Monday :																
01.	Max. Demand (Generation end)	:	8635.00	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)	:	8129.00	MW,	at =	19:30 hrs P	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW		
03.	Highest Generation (Generation end)	:	8635.00	MW,	at =	19:30 hrs P	Dhaka	2447	2447	0	Mymensingh	769	769	0		
04.	Minimum Generation (Generation end)	:	4311.80	MW,	at =	6:00 hrs	Chattogram	838	838	0	Sylhet	318	318	0		
05.	Day-peak Generation (Generation end)	:	6400.60	MW,	at =	12:00 hrs	Khulna	1095	1095	0	Barishal	172	172	0		
06.	Evening-peak Generation (Generation end)	:	8635.00	MW,	at =	19:30 hrs P	Rajshahi	1043	1043	0	Rangpur	639	639	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:30 hrs P	Cumilla	808	808	0						
08.	Actual Minimum Generation up to 8:00 hrs.	:	5362.00	MW,	at =	5:00 hrs an										
09.	Generation shortfall at evening peak due to :	:														
a)	Gas limitation	:	1399	MW							Total	8129	8129	0		
d)	Coal supply Limitation	:	85	MW							(e) Gas =	135476250	Taka	(c) Coal =	63421303	Taka
b)	Low water level in Kaptai lake	:	198	MW							(b) Oil =	34926624	Taka	Total =	233824177	Taka
c)	Plants under shut down/ maintenance	:	1296	MW												
10.	Total Energy (Generation + India Import)	:	157.08	MKWh												
	By Gas =	120.305	MKWh		By Oil =	7.288	MKWh									
	By Coal =	12.955	MKWh		By Hydro =	0.739	MKWh									
	By Solar =	0.197	MKWh													
11.	Total Gas Supplied	:	988.38	MKWh												
(D) Forecast of 21.04.20 (Today) Tuesday :																
01.	Maximum Demand	:	8800	MW	(Generation end)											
02.	Maximum Generation	:	15651	MW	(Generation end)											
03.	Maximum Shortage	:	-6851	MW	(Generation end)											
04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)											
05.	Total Generation	:	160.08	MKWh												
06.	Probable Max. Temperature in Dhaka	:	35.4°	C												

* Captive Power ** Imported Power

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

(Faouzi Islam Shaker)
Deputy Secretary, Generation