



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month April, 2020					Day : Friday					Date : 17.04.20				
Probable Maximum Demand : 9800 MW					Probable Maximum Generation : 15845 MW									
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 79.92 ft					Today = 79.79 ft				
					Rule Curve = 84.80 ft									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	16.04.20 (Yesterday)		17.04.20 (Today)		16.04.20 (Yesterday)		17.04.20 (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	250	300	300					
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	65	104	108	108					
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	50	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	233	313	310	360					
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	0	0	225	225		450	Under maint.		
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	254	335	412	412					
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	87	185	100	100	25		Gas Shortage		
12	Siddhirganj 335 MW CCGP	Gas (EGCB)	1 x 217+1x118	335	335	0	170	218	218					
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	150	150					
15	Meghnaghat 100 MW(IEL)	HFO (QRPP)	12x8.9	100	100	0	0	100	100					
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	30	47	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+7x8.73	80	80	31	33	35	35					
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	24	33	33	33					
23	Rupganj 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	14	12	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 (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	55	35	35					
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0					
Dhaka Zone Total					6047	5811	1177	1824	3441	4091	170	1166		
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	35	37	40	40	193		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	5.3	0	5	0					
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	1	25	25					
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	17.8	0	20	0					
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	6	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	80	139	140	145					
45	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	225	224	225	225					
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	0	50	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	100	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					
*	Melanha, 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					
	Juldah unit-2	HFO (IPP)				0	100	100	100					
Chattogram Zone Total					2226	2166	516.1	810	1608	1718	283	180		
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	100	80	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	42	42	42					
57	Ashuganj 225 MW CCGP	Gas (APSCL)	1x142+1*75	221	221	201	180	200	225					
58	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	295	270	360	360					
59	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	305	310	360	360					
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5					
61	Ashuganj 150MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	26	45	45	45					
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	5	51	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 CCGP	Gas (PDB)	1X106+1x57	163	163	91	84	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	21	21	22	22					
68	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	0	11	11	11					
69	Jangalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	33	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	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	104	130	116	131					
Cumilla Zone Total					3040	2980	1240	1396	1670	2374	263	0		
75	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	204	208	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	8	115	115					
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	158	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	206.4	410	613.6	612	0	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	16.04.20 (Yesterday)		17.04.20 (Today)		16.04.20 (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	50	71	70	71				
82	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	22	22	22	22				
83	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	7	53	51	51				
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	20	51	44	44				
85	Kushiera 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	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	61	40	66	66				
88	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	175	280	300	300	50		Gas Shortage	
89	Shahjibazar 86MW PP (Shahjibaza	Gas (RPP)	32x2.90	86	86	20	77	81	81				
90	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	100	70	100	100				
91	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	0	0	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 (CIIP, REB)	3x9.34	25	25	0	0	24	24				
95	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	320	285	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	938	1100	1303	1304	50	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	365	335	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	2	115	115	115				
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	70	50	100				
104	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	32	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	347	934	353	945				
Khulna Zone Total				2328	2314	714	1486	1138	2190	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	18	30	30	30				
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	155	179	180	180				
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	4	89	95				
Payra 1320 MW						299	461	550	660				
Barishal Zone Total				472	462	472	674	899	1105	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	70	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	0	0	0				
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	25	100	80	100				
118	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	22	42	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	26	0	35				
121	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	145	140	210	210				
122	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	212	154	210	210	66		Gas Shortage	
123	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	202	174	210	210	46		Gas Shortage	
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	372	397	410	410				
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	15	16	17	17				
126	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	7	8	11	11				
127	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	5	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	109	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	1005	1317	1850	2006	143	0		
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	70	69	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	170	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	0	102	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	7.9	0	8	0				
Rangpur Zone Total				685	605	248	341	421	445	85	0		
Sub-total: Plants in operation				19580	19057	6516.4	9358	12944	15845	994	1746		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						6192	8892	12299	15056				
(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	6516.4	9358	12944	15845	994	1746		
(C) Actual data of 16.04.20 (Yesterday) Thursday :													
01.	Max. Demand (Generation end)	:	9358.00	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)	:	8892.00	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)	:	9358.00	MW, at =	19:30 hrs	Dhaka	2546	2546	0	Mymensingh	742	742	0
04.	Minimum Generation (Generation end)	:	4939.30	MW, at =	6:00 hrs	Chattogram	876	876	0	Sylhet	352	352	0
05.	Day-peak Generation (Generation end)	:	6516.40	MW, at =	12:00 hrs	Khulna	1361	1361	0	Barishal	295	295	0
06.	Evening-peak Generation (Generation end)	:	9358.00	MW, at =	19:30 hrs P	Rajshahi	1078	1078	0	Rangpur	638	638	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	19:30 hrs P	Cumilla	1004	1004	0	Total	8892	8892	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	5702.90	MW, at =	5:00 hrs am								
09.	Generation shortfall at evening peak due to :	:											
	a) Gas limitation	:	716	MW									
	d) Coal supply Limitation	:	85	MW									
	b) Low water level in Kaptai lake	:	193	MW									
	c) Plants under shut down/ maintenance	:	1746	MW									
10.	Total Energy (Generation + India Import)	:	160.84	MKWh									
	By Gas =	122.528	MKWh	By Oil =	10.201	13. Fuel cost : (a) Gas = 141019577 Taka (c) Coal = 70483155 Taka b) Oil = 62381004 Taka Total = 273883736 Taka							
	By Coal =	13.506	MKWh	By Hydro =	0.803								
	By Solar=	0.198	MKWh										
11.	Total Gas Supplied	:	1083.76	MMCFD									
(D) Forecast of 17.04.20 (Today) Friday :													
01.	Maximum Demand	:	9800	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	15845	MW	(Generation end)	05.	Total Generation	:	168.43	MKWh			
03.	Maximum Shortage	:	-6045	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	35.8° C				
* Captive Power ** Imported Power													
#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00													
(Faouzi Islam Shaker) Deputy Secretary, Generation													