



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month April, 2020				Day : Sunday				Date : 26.04.20						
Probable Maximum Demand : 8500 MW				Probable Maximum Generation : 15045 MW										
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 78.79 ft				Today = 78.74 ft						
				Rule Curve = 83.20 ft										
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Dated/ Present Capacity (MW)	25.04.20 (Yesterday)		26.04.20 (Today)		25.04.20 (Yesterday)		26.04.20 (Today)		Status of Machines under shut-down/ Maintenance	Probable start-up date
					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			
(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.	30/4/2020	
	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	250	300	300					
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	53	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	305	360	310	360					
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	360	400	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	337	341	412	412					
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	38	100	100	172		Gas Shortage		
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	232	150	232					
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	130	130	135	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	1	30	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	35	35	35					
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x6.73	33	33	24	33	33	33					
23	Rupganj 33 MW PP(Summit)	Gas (SIIP, REB)	4x6.73	33	33	23	14	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	0	100	300					
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	0	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	0	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	1435	1959	3363	4260	395	716			
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	37	37	40	40	193		Low Water Level		
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	0	100	100	100					
	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	6.1	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	19.4	0	20	0					
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	0	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	139	139	140	145					
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	218	216	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	0	21	22	22					
*	Melanha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			35	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)				20	50	100	100					
Chattogram Zone Total				2226	2166	474.5	656	1608	1718	193	180			
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	80	100	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	5	42	42	42					
57	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	180	194	200	225					
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	270	275	360	360					
59	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	310	320	360	360					
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	0	10	5	5					
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	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 CCPP	Gas (PDB)	1X106+1x57	163	163	0	0	0	0	163		Under maint.		
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	0	11	11					
69	Jangalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	0	30	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	6	12	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					
**	Impoport (Tripura)	India		160	160	92	98	118	141					
Cumilla Zone Total				3040	2980	956	1161	1659	2292	263	163			
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	208	209	210	210					
76	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	0	20	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	0	115	115					
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	16	182	170	182					
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1.4	0	1.6	0					
Mymensingh Zone Total				645	637	225.4	411	611.6	622	0	0			

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	25.04.20 (Yesterday)		26.04.20 (Today)		25.04.20 (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	58	58	86	86				
82	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	0	0	0	0		90	Under maint.	
83	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	0	11	51	51				
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	0	10	44	44				
85	Kushiera 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	110	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	52	50	66	66				
88	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	189	201	150	150	129		Gas Shortage	
89	Shahjibazar 86MW PP (Shahjibaza	Gas (RPP)	32x2.90	86	86	2	10	81	81				
90	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	140	149	100	130				
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	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	305	305	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	856	988	1147	1177	129	490		
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	340	345	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	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	401	840	307	850				
Khulna Zone Total				2328	2314	741	1274	1092	2095	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	50	110				
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	14	16	23	23				
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	60	60	80	80				
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	0	89	95				
Payra 1320 MW						274	351	300	350				
Barishal Zone Total				472	462	348	433	542	688	0	0		
112	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	70	70	70	70	1		Gas Shortage	
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0	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	Ammura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	12	50	50				
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	0	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	172	167	210	210	53		Gas Shortage	
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	414	389	410	410				
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	0	16	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	8	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	0	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	804	853	1620	1776	404	0		
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	71	74	72	72				
	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	0	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	7.8	8	8	0				
Rangpur Zone Total				685	605	229	224	393	417	85	0		
Sub-total: Plants in operation				19580	19057	6068.7	7969	12036	15045	1469	1549		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						5731	7526	11367	14209				
(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	6068.7	7969	12036	15045	1469	1549		
(C) Actual data of 25.04.20 (Yesterday) Saturday :													
01.	Max. Demand (Generation end) : 7969.00 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) : 7526.00 MW, at = 21:00 hrs P					Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end) : 7969.00 MW, at = 21:00 hrs					MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end) : 4292.20 MW, at = 6:00 hrs					Dhaka	2272	2272	0	Mymensingh	761	761	0
05.	Day-peak Generation (Generation end) : 6068.70 MW, at = 12:00 hrs					Chattogram	644	644	0	Sylhet	314	314	0
06.	Evening-peak Generation (Generation end) : 7969.00 MW, at = 21:00 hrs					Khulna	1116	1116	0	Barishal	193	193	0
07.	Evening Peak Load-shed (Sub-station end) : 0.00 MW, at = 21:00 hrs P					Rajshahi	993	993	0	Rangpur	532	532	0
08.	Actual Minimum Generation up to 8:00 hrs. : 4694.00 MW, at = 5:00 hrs an					Cumilla	701	701	0				
09.	Generation shortfall at evening peak due to : :									Total	7526	7526	0
	a) Gas limitation : 1191 MW					13.	Fuel cost :	(a) Gas = 130737288	Taka	(c) Coal = 58842644	Taka		
	d) Coal supply Limitation : 85 MW							(b) Oil = 18638216	Taka	Total = 208218148	Taka		
	b) Low water level in Kaptai lake : 193 MW												
	c) Plants under shut down/ maintenance : 1549 MW					14.	Maximum Temperature in Dhaka was : 31.2° C						
10.	Total Energy (Generation + India Import) : 147.38 MKWh					15.	Export through East-West interconnections :						
	By Gas = 116.600 MKWh By Oil = 5.260 MKWh						At evening peak-hour : -250 MW, at 21:00 hrs PM						
	By Coal = 11.901 MKWh By Hydro = 0.807 MKWh						Maximum : -303 MW, at 2:00 hrs						
	By Solar= 0.197 MKWh						Energy : 1.968 MKWh						
11.	Total Gas Supplied : 984.65 MMCFD												
(D) Forecast of 26.04.20 (Today) Sunday :													
01.	Maximum Demand : 8500 MW (Generation end)					04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation : 15045 MW (Generation end)					05.	Total Generation : 157.20 MKWh						
03.	Maximum Shortage : -6545 MW (Generation end)					06.	Probable Max. Temperature in Dhaka : 33.7° C						

* Captive Power ** Imported Power

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

(Faouzi Islam Shaker)
Deputy Secretary, Generation