



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551093

Month June, 2020				Day : Thursday				Date : 04.06.20							
Probable Maximum Demand : 11000 MW				Probable Maximum Generation : 15053 MW				Rule Curve = 76.78 ft.							
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 80.77 ft				Today = 81.33 ft							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.06.20 (Yesterday)		04.06.20 (Today)		03.06.20 (Yesterday)		04.06.20 (Today)		Status of Machines under shut-down/ Maintenance		
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Machines shut down (MW)		Description/ Remarks		Probable start-up date
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW						
(A) Plants in operation:															
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	35	35	35	35			50	Unit 2 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	220	190	220	220						
	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	0	0	0	0			365	Under maint.		
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	101	106	108	108						
4	Ghorashal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	62	50	78	78	28			Gas Shortage		
5	Tongi 80 MW GTTP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105			Gas Shortage		
6	Haripur GTTP	Gas (PDB)	1 x 32	32	20	0	0	0	0	20			Gas Shortage		
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	342	356	360	360						
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	400	420	450	450						
9	210 MW Siddhirgonj 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	354	329	412	412						
11	Siddhirgonj 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210			Gas Shortage		
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	200	224	220	230						
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	73	100	50	100						
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	280	280	300	300						
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	94	100	100	100						
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	96	96	100	100						
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	40	0	55	55						
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	50	100						
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	70	48	50	102						
20	Narshingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	19	22	22	22						
21	Summit Power, (Madhabdi+Ashulia)	Gas (SIIP, REB)	6x3.67+7x8.73	80	80	43	49	45	45						
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	33	33	33	33						
23	Rugganji 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	33	33	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	100	149						
27	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	48	48						
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	53	35	54	54						
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	147	300	100	300						
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	149	149	149	149						
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x61.4	300	300	0	0	100	300						
32	Bramhangonj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100						
33	Aunahat 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	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	55	17	55	55						
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0						
Dhaka Zone Total				6015	5791	2899	2989	3634	4345	363	890				
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	37	78	75	75	152			Low Water Level		
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	95	95	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	0.3	0	5	0						
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	8	25	25						
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	16.8	0	20	0						
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	24	12	50	50						
43	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	0	0	100	100						
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	104	145	150	150						
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0			225	Under maint.		
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.94	300	300	217	307	300	300						
47	Juldah 100 MW Unit-1 (Accom)	HFO (QRPP)	8x13.45	100	100	0	0	50	100						
48	Juldah 100 MW PP Unit-3 (Accom)	HFO (IPP)	8x13.45	100	100	88	100	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						
*	Malancha, Ctg.EP2 (United)	Gas	5x8.73+3x9.34			0	30	10	25						
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	11	50	100						
53	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	10	54						
54	Kamaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110						
55	Juldah unit-2 (Accom)	HFO (IPP)	8x13.6	100	100	100	100	100	100						
Chattogram Zone Total				2326	2266	703.1	958	1317	1511	152	405				
56	a) Ashuganj TPP Unit- 3	Gas (APSCCL)	1 x 150	150	135	100	80	0	0						
	b) Ashuganj TPP Unit- 4	Gas (APSCCL)	1 x 150	150	129	0	0	0	0			129	Gas Shortage		
	c) Ashuganj TPP Unit- 5	Gas (APSCCL)	1 x 150	150	134	0	70	80	80			64	Gas Shortage		
57	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	35	20	40	42						
58	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1x75	221	221	206	154	225	225						
59	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	300	265	360	360						
60	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	330	290	360	360						
61	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	5	10	10	10						
62	Ashuganj 195MW PP (APSCCL)	Gas (IPP)	20'9.73+1'16	195	195	26	8	65	65						
63	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	51	51	50	51						
64	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	53	135	100	150						
65	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50						
66	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	90	91	90	92						
67	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	100	200						
68	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	21	21	22	22						
69	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	10	10	11	11						
70	Jangalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	25	16	33	33						
71	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	52	52						
72	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	21	10	20	20						
73	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	0	0	200						
74	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7'18.415+1'9	114	114	0	0	114	114						
75	Chowmuhani 113 MW	HFO (IPP)	12'9.78+2'3.1	113	113	36	113	113	113						
**	Impoport (Tirupura)	India		160	160	130	152	154	173						
Cumilla Zone Total				3040	2980	1439	1496	1999	2423	193	0				
76	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	140	144	200	200						
77	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	22	0	22	22						
78	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	0	50	95						
79	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	115	115	115	115						
80	Mymsensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	100	45	170	200						
81	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.2	0	1.6	0						
Mymsensingh Zone Total				645	637	379.2	304	558.6	632	0	0				

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.06.20 (Yesterday)		04.06.20 (Today)		03.06.20 (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
82	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	40	72	70	70				
83	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30		60	GT-4 Under maint.	
84	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	50	53	51	51				
85	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	44	44				
86	Kushara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
87	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11				
88	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	40	52	66	66				
89	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	251	245	245	245		85	ST under maint.	
90	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	74	74	80	80				
91	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	150	141	150	150				
92	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	18	18	20				
93	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0				
94	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
95	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	24	24	24				
96	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	280	341	341				
97	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0		400	Under maint.	
Sylhet Zone Total				2033	1988	1195	1223	1303	1305	0	545		
98	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	45				
99	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	345	360	410	410				
100	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	25	0	37				
101	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	56	0	70				
102	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	225				
103	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	6	115	115	115				
104	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	80	50	100				
105	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40				
106	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	17	50	105				
107	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	32	85	100	105				
**	Bheramara (HVDC)	India		1000	1000	948	945	958	958				
Khulna Zone Total				2288	2284	1331	1723	1723	2210	0	0		
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	32	110	50	110				
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	19	32	30	33				
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	89	89	90	90		105	GT-2 Under maint.	
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	82	84	95	95				
112	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	0	0	0	300				
Barishal Zone Total				1054	1054	222	315	265	628	0	105		
113	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage	
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage	
114	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	34				
115	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
116	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	70				
117	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	40	40	40	40				
118	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	100	50	100				
119	Katakhali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	46	46				
120	Katakhali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	42	42				
121	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	34				
122	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
123	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	165	165	200	200	55		Gas Shortage	
124	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	166	171	210	210	49		Gas Shortage	
125	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	403	341	410	410				
126	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	19	19	20	20				
127	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	9	11	10	10				
128	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
129	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	43	43				
130	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	109	109	50	113				
131	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	0	50	113				
Rajshahi Zone Total				2193	2183	919	967	1382	1696	485	0		
132	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
133	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	149	150	150	150				
134	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	20				
135	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	41	113	50	113				
136	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	20				
137	Majpara, Tatulia 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	3	0	8	0				
Rangpur Zone Total				685	605	193	263	208	303	170	0		
Sub-total: Plants in operation				20279	19788	9280.3	10238	12390	15053	1363	1945		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8811	9720	11763	14291				
(B) Contract expired power plants													
Sub-Total: Plants under long term maintenance				0	0	0	0	0	0				
Gross Total				20279	19788	9280	10238	12390	15053	1363	1945		
(C) Actual data of 03.06.20 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	:	10238.00	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)	:	9720.00	MW,	at =	21:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply
03.	Highest Generation (Generation end)	:	10262.00	MW,	at =	22:00 hrs	MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	7917.20	MW,	at =	6:00 hrs	Dhaka	3232	3232	0	Mymensingh	603	603
05.	Day-peak Generation (Generation end)	:	9280.30	MW,	at =	12:00 hrs	Chattogram	921	921	0	Sylhet	415	415
06.	Evening-peak Generation (Generation end)	:	10238.00	MW,	at =	21:00 hrs	Khulna	1426	1426	0	Barishal	307	307
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	21:00 hrs P	Rajshahi	1183	1183	0	Rangpur	664	664
08.	Actual Minimum Generation up to 8:00 hrs.	:	8043.40	MW,	at =	5:00 hrs am	Cumilla	969	969	0			
09.	Generation shortfall at evening peak due to :	:									Total	9720	9720
	a) Gas limitation	:	1041	MW			13.	Fuel cost :	(a) Gas = 161997100 Taka	(c) Coal = 19830696 Taka			
	d) Coal supply Limitation	:	170	MW				(b) Oil = 376163311 Taka		557991108 Taka			
	b) Low water level in Kaptai lake	:	152	MW									
	c) Plants under shut down/ maintenance	:	1945	MW			14.	Maximum Temperature in Dhaka was : 34.0° C					
10.	Total Energy (Generation + India Import)	:	221.99	MKWh			15.	Export through East-West interconnections :					
	By Gas = 138.838 MKWh							At evening peak-hour	:	-588	MW,	at	21:00 hrs PM
	By Coal = 3.659 MKWh							Maximum	:	-588	MW,	at	21:00 hrs
	By Solar= 0.134 MKWh							Energy	:	3.5265	MKWh		
11.	Total Gas Supplied	:	1193.14	MMCFD									
(D) Forecast of 04.06.20 (Today) Thursday :													
01.	Maximum Demand	:	11000	MW	(Generation end)		04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)					
02.	Maximum Generation	:	15053	MW	(Generation end)		05.	Total Generation : 237.95 MKWh					
03.	Maximum Shortage	:	-4053	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka : 34.0° C					

* Captive Power ** Imported Power

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

(Faouzul Islam Shaker)
Deputy Secretary, Generation