



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month June, 2020				Day : Friday				Date : 12.06.20					
Probable Maximum Demand : 10500 MW				Probable Maximum Generation : 14997 MW									
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 81.68 ft				Today = 81.70 ft					
				Rule Curve = 78.87 ft									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Deraled/ Present Capacity (MW)	11.06.20 (Yesterday)		12.06.20 (Today)		11.06.20 (Yesterday)		12.06.20 (Today)		Status of Machines under shut-down/ Maintenance
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		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	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	0	0	0	0		180	STG Commissioning	
	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	290	275	300	300				
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	93	55	100	100				
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	78	78	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)	1 x 32	32	20	0	0	0	0	20		Gas Shortage	
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	291	356	360	360				
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	370	400	450	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	327	329	0	0				
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210		Gas Shortage	
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	180	223	220	220				
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	90	100	100	100				
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	130	140	305	305				
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	12	100	100	100				
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	95	95	100	100				
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	15	30	55	55				
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	38	100	100				
19	Gagragar 102 MW PP (Digital Pow	HFO (IPP)	12x8.924	102	102	93	93	93	93				
20	Narsingdi 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	55	56	55	55				
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	33	33	33	33				
23	Rupganj 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	17	70	100	100				
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	48	100	149				
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	49	48	48				
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	53	53	54	54				
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	300	300	300	300				
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	133	149	149	149				
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	100	300				
32	Bramhangon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100				
33	Aurahat 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	55	17	55	55				
35	Manikganj 55 MW PP (Northern	HFO (IPP)	3x19.3	55	55	17	55	55	55				
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0				
Dhaka Zone Total				6015	5791	2736	3154	3652	4001	413	705		
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x30	230	230	104	96	109	109	134		Low Water Level	
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	90	90	90	90				
	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	5.9	0	5	0	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	18.3	0	20	0				
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	0	50	50				
43	Sikalbaha 105 MW PP (Baraka Siki	HFO (IPP)	6x18.415	105	105	0	17	100	100				
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	139	139	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+3x8.04	300	300	307	308	300	300				
47	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	0	50	100				
48	Juldah 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	50	100	100	100				
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	85	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	20	20	22	22				
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			3	32	35	35				
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	15	91	50	100				
53	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	10	54				
54	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110				
55	Juldah unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	100	100	100	100				
Chattogram Zone Total				2326	2266	852.2	1086	1366	1545	134	405		
56	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	0	0	0	0	135		Gas Shortage	
	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	80	80	100	135	54		Gas Shortage	
57	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	25	25	25	25				
58	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	32	216	200	200				
59	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	320	255	360	360				
60	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	280	275	360	360				
61	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	47	10	20	20				
62	Ashuganj 150MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	26	16	8	45				
63	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	35	38	43	43				
64	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	133	150	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	81	82	90	90				
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	18	21	22	22				
69	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	2	8	5	5				
70	Jangalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	12	33	33	33				
71	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	52	52	52				
72	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	15	20	20	20				
73	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	204	0	200	200				
74	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	0	114	114				
75	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	65	104	113	113				
**	Impoort (Tripura)	India		160	160	134	152	154	173				
Cumilla Zone Total				3040	2980	1376	1520	2169	2410	318	0		
76	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	137	127	150	150				
77	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	19	21	22	22				
78	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	8	72	50	95				
79	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	115	115	115	115				
80	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	130	190	170	200				
81	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1.9	0	1.6	0				
Mymensingh Zone Total				645	637	410.9	525	508.6	582	0	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	11.06.20 (Yesterday)		12.06.20 (Today)		11.06.20 (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)				
82	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	60	60	60	60						
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 (Barakatul)	Gas (RPP)	19x2.90	51	51	47	50	51	51						
85	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	46	49	44	44						
86	Kushlaria 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	130	163	163						
87	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	0	0	11	11						
88	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	61	49	61	66						
89	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	239	240	275	275						
90	Shahjibazar 86MW PP (Shahjibaza	Gas (RPP)	32x2.90	86	86	72	77	75	75						
91	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	120	120	150	150						
92	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	18	18	18	18						
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	275	275	341	341						
97	Bbiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0		400	Under maint.			
	Bibiayana South 400 MW	Gas (PDB)				0	0	0	0						
Sylhet Zone Total				2033	1988	1132	1132	1313	1318	0	460				
98	Bheramara GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16						
99	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	345	245	410	410						
100	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	35						
101	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	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	49	115	115	115						
104	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	67	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	17	90	105	105						
107	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	15	100	105						
**	Bheramara (HVDC)	India		1000	1000	938	937	556	948						
Khulna Zone Total				2288	2284	1349	1509	1376	2169	0	0				
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	110	50	110						
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	16	31	30	33						
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	70	69	90	90		125	GT-2 Under maint.			
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	72	75	75	75						
112	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	534	602	660	660						
Barishal Zone Total				1054	1054	692	887	905	968	0	125				
113	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	65	0	0	6		Gas Shortage			
	b) Baghabari 100 MW GTTP	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	50						
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	50						
117	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	24	40	40	40						
118	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	100	50	100						
119	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	46	46						
120	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50						
121	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	34	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	146	157	200	200						
124	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	155	159	210	210						
125	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	356	308	410	410						
126	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	17	20	20	20						
127	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	11	11	11	11						
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	70	109	50	113						
131	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	112	50	113						
Rajshahi Zone Total				2193	2183	787	1126	1391	1701	316	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	149	150	150						
134	Rangpur 20 MW GTTP	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	0	113	50	113						
136	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	10	0	20						
137	Majpara, Tabulia 8 MW Solar PP (Sympa	Solar (IPP)	1 x 8	8	8	7.9	0	8	0		0				
Rangpur Zone Total				685	605	157	272	208	303	170	0				
Sub-total: Plants in operation				20279	19788	9492.0	11211	12889	14997	1351	1695				
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						9066	10708	12310	14324						
(B) Contract expired power plants															
Sub-Total: Plants under long term maintenance				0	0	0	0	0	0						
Gross Total				20279	19788	9492	11211	12889	14997	1351	1695				
(C) Actual data of 11.06.20 (Yesterday) Thursday :															
01.	Max. Demand (Generation end)	:	11211.00	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)	:	10708.00	MW.	at =	21:00 hrs P		Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW	
03.	Highest Generation (Generation end)	:	11261.00	MW.	at =	22:00 hrs		Dhaka	3563	3563	0	Mymensingh	920	920	0
04.	Minimum Generation (Generation end)	:	8857.70	MW.	at =	8:00 hrs		Chattogram	987	987	0	Sylhet	466	466	0
05.	Day-peak Generation (Generation end)	:	9492.00	MW.	at =	12:00 hrs		Khulna	1469	1469	0	Barishal	327	327	0
06.	Evening-peak Generation (Generation end)	:	11211.00	MW.	at =	21:00 hrs		Rajshahi	1148	1148	0	Rangpur	766	766	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW.	at =	21:00 hrs P		Cumilla	1062	1062	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	7827.70	MW.	at =	5:00 hrs am						Total	10708	10708	0
09.	Generation shortfall at evening peak due to :	:						13.	Fuel cost :	(a) Gas = 15574511 Taka	(c) Coal = 80430400 Taka				
	a) Gas limitation	:	1047	MW					(b) Oil = 490479737 Taka	Total = 726655248 Taka					
	d) Coal supply Limitation	:	170	MW											
	b) Low water level in Kaptai lake	:	134	MW											
	c) Plants under shut down/ maintenance	:	1695	MW											
10.	Total Energy (Generation + India Import)	:	240.14	MKWh				14.	Maximum Temperature in Dhaka was :	31.4° C					
	By Gas = 134.888 MKWh			By Oil = 61.251 MKWh				15.	Export through East-West interconnections :						
	By Coal = 17.460 MKWh			By Hydro = 2.139 MKWh					At evening peak-hour	: -225 MW.	at	21:00 hrs PM			
	By Solar= 0.170 MKWh								Maximum	: -347 MW.	at	22:00 hrs			
11.	Total Gas Supplied	:	1140.17	MMCFD					Energy	: 0.8585 MKWh					
(D) Forecast of 12.06.20 (Today) Friday :															
01.	Maximum Demand	:	10500	MW	(Generation end)			04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	14997	MW	(Generation end)			05.	Total Generation	:	223.91	MKWh			
03.	Maximum Shortage	:	-4497	MW	(Generation end)			06.	Probable Max. Temperature in Dhaka :	:	31.2° C				
* Captive Power ** Imported Power															
#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00															
(Faouzul Islam Shaker) Deputy Secretary, Generation															