



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551093

Month June, 2020				Day : Sunday				Date : 14.06.20						
Probable Maximum Demand : 12000 MW				Probable Maximum Generation : 14957 MW				Rule Curve = 79.41 ft.						
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 81.83 ft				Today = 82.19 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.06.20 (Yesterday)		14.06.20 (Today)		13.06.20 (Yesterday)		14.06.20 (Today)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for : Gas/water/Coal limitation MW		Machines shut down (MW)		Description/ Remarks	Probable start-up date
					Day	Evening	Day	Evening						
(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	21/06/2020
	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	280	300	300	300					
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	87	99	100	100					
4	Ghorashal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	71	50	78	78	28			Gas Shortage	
5	Tongi 80 MW GTPP	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	322	323	360	360					
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	380	380	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	0	0	0	0		412		Under Maint.	26/06/2020
11	Siddhirgonj 2'120 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	180	220	220					
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	90	99	100	100					
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	275	275	305	305					
15	Meghnaghat 100 MW(IEL)	HFO (QRPP)	12x8.9	100	100	17	100	100	100					
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	80	96	100	100					
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	55	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	70	93	93	93					
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22					
21	Summit Power, (Madhabad-Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	46	52	55	55					
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33					
23	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	31	31	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	35	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	22	53	54	54					
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	195	300	300					
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	121	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	55	55	55	55					
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	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	2272	2730	3652	4001	363	1117			
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	100	63	75	75	167			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	4	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	11.5	0	20	0					
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	18	50	50					
43	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	0	17	100	100					
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	104	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+3x8.94	300	300	215	306	300	300					
47	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	0	50	100					
48	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	70	100	100	100					
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	17	102	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 (SIPP, PDB)	8x2.90	22	22	20	20	22	22					
*	Malancha, Ctg.EP2 (United)	Gas	5x8.73+3x9.34			3	29	10	35					
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	12	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 (Acom)	HFO (IPP)	8x13.6	100	100	90	100	100	100					
Chattogram Zone Total				2326	2266	724.5	996	1307	1511	167	405			
56	a) Ashuganj TPP Unit- 3	Gas (APSCCL)	1 x 150	150	135	0	0	0	0	135			Gas Shortage	
	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	80	80	100	135					
57	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	35	38	38	38					
58	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1'775	221	221	198	192	215	215					
59	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	290	295	360	360					
60	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	345	305	360	360					
61	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	51	49	20	50					
62	Ashuganj 195MW PP (APSCCL)	Gas (IPP)	20'9.73+1'116	195	195	8	8	8	8					
63	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	43	43	43					
64	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	100	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	88	90	90	90					
67	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	100	200					
68	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	21	21	22	22					
69	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8					
70	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	30	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 (SIPP, REB)	3x3.67+2x6.97	25	25	14	20	20	20					
73	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	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	26	75	113	113					
**	Impoport (Tripura)	India		160	160	104	146	154	173					
Cumilla Zone Total				3040	2980	1311	1500	2200	2434	264	0			
76	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	139	125	150	150					
77	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22					
78	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	24	8	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	24	185	170	200					
81	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1.1	0	1.6	0					
Mymensingh Zone Total				645	637	325.1	455	508.6	582	0	0			

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.06.20 (Yesterday)		14.06.20 (Today)		13.06.20 (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	30	73	74	74				
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	48	53	51	51				
85	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	49	50	44	44				
86	Kushira 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	8	11	11	11				
88	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	61	61	61	66				
89	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	248	245	275	275				
90	Shahjibazar 86MW PP (Shahjibaza	Gas (RPP)	32x2.90	86	86	50	75	77	77				
91	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	150	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 (CIIP, REB)	3x9.34	25	25	24	24	24	24				
96	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	315	310	341	341				
97	Bibi yana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0		400	Under maint.	
	Bibi yana South 400 MW	Gas (PDB)				0	0	0	0				
Sylhet Zone Total				2033	1988	1171	1210	1329	1334	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	395	350	410	410				
100	Fardipur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	25				
101	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	60				
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	0	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	35	105	105				
107	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	105				
**	Bheramara (HVDC)	India		1000	1000	549	944	954	954				
Khulna Zone Total				2288	2284	944	1564	1774	2155	0	0		
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	64	50	110				
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	17	31	30	33				
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	68	69	90	90		125	GT-2 Under maint.	
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	78	79	78	78				
112	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	548	663	660	660				
Barishal Zone Total				1054	1054	711	906	908	971	0	125		
113	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	65	60	0	0	11		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	38				
117	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	40	40	40				
118	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	50	50	100				
119	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	43	43				
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	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	177	192	200	200				
124	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	197	197	210	210				
125	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	393	403	410	410				
126	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	17	20	20	20				
127	Bogra 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	5	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	50	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	915	1093	1388	1686	321	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	150	149	150	150				
134	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
135	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	0	111	50	113				
136	Saidpur 20 MW GTTP	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	2.1	0	8	0				
Rangpur Zone Total				685	605	152	260	208	283	170	0		
Sub-total: Plants in operation				20279	19788	8525.7	10714	13275	14957	1285	2107		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8175	10273	12728	14341				
(B) Contract expired power plants													
Sub-Total: Plants under long term maintenance				0	0	0	0	0	0				
Gross Total				20279	19788	8526	10714	13275	14957	1285	2107		
(C) Actual data of 13.06.20 (Yesterday) Saturday :													
01.	Max. Demand (Generation end)	:	10714.00	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)	:	10273.00	MW, at =	21:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	10741.00	MW, at =	22:00 hrs	MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	7512.40	MW, at =	7:00 hrs	Dhaka	3412	3412	0	Mymensingh	889	889	0
05.	Day-peak Generation (Generation end)	:	8525.70	MW, at =	12:00 hrs	Chattogram	997	997	0	Sylhet	424	424	0
06.	Evening-peak Generation (Generation end)	:	10714.00	MW, at =	21:00 hrs	Khulna	1398	1398	0	Barishal	320	320	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	21:00 hrs P	Rajshahi	1148	1148	0	Rangpur	696	696	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	8073.90	MW, at =	5:00 hrs am	Cumilla	989	989	0				
09.	Generation shortfall at evening peak due to :	:								Total	10273	10273	0
	a) Gas limitation	:	948	MW		13.	Fuel cost :	(a) Gas = 153991143 Taka	(c) Coal = 81130203 Taka				
	d) Coal supply Limitation	:	170	MW				(b) Oil = 301336768 Taka	Total = 536458114 Taka				
	b) Low water level in Kaptai lake	:	167	MW									
	c) Plants under shut down/ maintenance	:	2107	MW		14.	Maximum Temperature in Dhaka was : 28.7° C						
10.	Total Energy (Generation + India Import)	:	216.41	MKWh		15.	Export through East-West interconnections :						
	By Gas = 131.734 MKWh			By Oil = 42.780 MKWh			At evening peak-hour : -16 MW, at 21:00 hrs PM						
	By Coal = 17.620 MKWh			By Hydro = 2.103 MKWh			Maximum : -16 MW, at 21:00 hrs						
	By Solar= 0.133 MKWh						Energy : 0.3925 MKWh						
11.	Total Gas Supplied	:	1157.35	MMCFD									
(D) Forecast of 14.06.20 (Today) Sunday :													
01.	Maximum Demand	:	12000	MW (Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	14957	MW (Generation end)		05.	Total Generation	:	241.77	MKWh			
03.	Maximum Shortage	:	-2957	MW (Generation end)		06.	Probable Max. Temperature in Dhaka :	:	35.0° C				