



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month August, 2020					Day : Friday				Date : 21.08.20					
Probable Maximum Demand : 10500 MW					Probable Maximum Generation : 14481 MW									
Water Level of Kaptai Lake at 06:00 AM					Rule Curve = 95.40 ft.									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	20.08.20 (Yesterday)		21.08.20 (Today)		20.08.20 (Yesterday)		21.08.20 (Today)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Machines shut down (MW)			
					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	28	28	28	28		57	170	Unit 2 under maint.	
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0				Under maint.	
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0	180			Gas Shortage	
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	110	110	110	110	80			Gas Shortage	
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	0	0	0		365		Under maint.	
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	92	95	100	100	13			Gas Shortage	
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	69	68	68	68	10			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	350	310	360	360					
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	450	350	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	137	142	142	275			Gas Shortage	
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	180	149	210	210					
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	76	100	100	100					
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	280	120	145	145					
15	Meghnaghat 100 MW(IEL)	HFO (QRPP)	12x8.9	100	100	7	93	100	100					
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	95	94	100	100					
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55					
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	17	100	100	100					
19	Gagnagar 102 MW PP (Digital Pow	HFO (IPP)	12x8.924	102	102	7	7	90	94					
20	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	22	22					
21	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	47	51	55	55					
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x3.73	33	33	33	25	33	33					
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x3.73	33	33	33	33	33	33					
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	52	35	50					
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	35	105	100	100					
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	147	149	149					
27	Katpotti 52 MW PP (Sirha)	HFO (IPP)	7x7.90	51	51	4	40	49	50					
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	133	115	115					
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	Aurahi 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	80	100					
34	Nababganj 55 MW PP (Southern p	HFO (IPP)	3x19.3	55	55	56	35	55	55					
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	35	35	55	55					
36	Boisla 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0					
37	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	0	17	104	104					
Dhaka Zone Total				6119	5895	2564	2861	3547	3837	893	707			
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	123	118	119	119	112			Low Water Level	
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	0	0	0	0					
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0		180		Under maint.	
40	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	3.6	0	5	0					
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	25	25	25					
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	2.9	0	20	0					
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	14	50	50	50					
44	Sikalbaha 105 MW PP (Baraka Sil	HFO (IPP)	6x18.415	105	105	0	0	100	100					
45	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	100	104	105	105					
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	164	164	165	165					
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	233	234	300	300					
48	Juidah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	0	100	100					
49	Juidah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	100	100	100	100					
50	Dohazari -Kalaish 100 MW Peakin	HFO (PDB)	6x17.0	102	102	0	102	100	100					
51	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0					
52	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	18	18	18	18					
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	17	30	30					
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	24	97	97	97					
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	50	54					
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110					
56	Juidah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	100	100	100	100					
Chattogram Zone Total				2326	2266	884.5	1129	1534	1573	112	180			
57	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	80	80	80	80	49			Gas Shortage	
	c) Ashuganj TPP Unit- 5	Gas (APSCL)	1 x 150	150	134	0	0	0	0	134			Gas Shortage	
58	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	26	26	26	26					
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	190	198	220	220					
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	250	250	360	360					
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	255	255	360	360					
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5					
63	Ashuganj 195MW PP (APSCL-	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	8					
64	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51					
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	28	65	150	150					
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	50	0	50					
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	86	85	90	90					
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	32	200	200					
69	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	18	18	18	18					
70	Feni 11 MW PP (Doreen)	Gas (SIPP, PDB)	4x2.90	11	11	8	8	11	11					
71	Jangalia 33MW PP (Summit)	Gas (SIPP, REB)	4x8.73	33	33	8	25	25	25					
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	5	43	43	43					
73	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	18	21	21	21					
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	0	200					
75	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	114	114	114					
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	47	53	60	60					
**	Impoport (Tripura)	India		160	160	120	142	163	173					
Cumilla Zone Total				3040	2980	1203	1529	2005	2265	318	0			
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	102	106	160	160					
78	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	17	17	17					
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	42	80	80	80					
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	95	115	115					
81	Myemsingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	193	200	200	200					
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1.5	0	1.6	0					
Myemsingh Zone Total				645	637	355.5	498	573.6	572	0	0			

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	20.08.20 (Yesterday)		21.08.20 (Today)		20.08.20 (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
83	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	60	60	60	60				
84	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30		60	GT-4 Under maint.	
85	Fenchugonj 51 MW PP (Barakatu)	Gas (RPP)	19x2.90	51	51	44	50	51	51				
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	45	46	44	44				
87	Kushlaria 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
88	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	5	8	11	11				
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	63	65	61	66				
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	201	196	210	210				
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	82	85	86	86				
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	80	80	80	80				
93	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	18	18	18				
94	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0				
95	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
96	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	24	25	25				
97	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	280	341	341				
98	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0		400	Under maint.	
	Bibiyana South 400 MW	Gas (PDB)				0	0	0	0				
Sylhet Zone Total				2033	1988	1135	1115	1190	1195	0	460		
99	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16				
100	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	320	325	250	410				
101	Fairdipor 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	30				
102	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	60				
103	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	200	150	220				
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	49	115	115	115				
105	Noapara 100 MW PP (Bangla Trac	HSD (IPP)	70x1.4+7x1.515	100	100	0	100	60	100				
106	Noapara 40 MW PP (Khanjahan A	HFO (QRPP)	5x8.5	40	40	0	40	40	40				
107	Rupsha 105 MW PP (Orion rupsh	HFO (IPP)	6x18.445	105	105	0	90	90	90				
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	15	100	100				
**	Bheramara (HVDC)	India		1000	1000	924	930	940	940				
Khulna Zone Total				2288	2284	1413	1815	1745	2121	0	0		
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	48	110	110				
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	12	27	33	33				
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	89	89	90	90		105	GT-2 Under maint.	
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	33	78	80	80				
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	400	440	500	660				
Barishal Zone Total				1054	1054	534	682	813	973	0	105		
114	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	
115	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50	0	50				
116	Baghabari 200 MW PP (Paramoun	HSD (IPP)	135x1.6	200	200	0	0	200	200				
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	35	0	40				
118	Ammura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	0	0				
119	Chapainawabganj 100 MW Peakin	HFO (PDB)	12x8.924	104	104	0	100	100	100				
120	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	40	0	40				
121	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50				
122	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	25	0	30				
123	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
124	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	191	171	220	220				
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	187	180	220	220				
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	399	375	414	414				
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	17	18	18	18				
128	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	11	11	10	10				
129	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	0	11	10	11				
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	44	43	43				
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	109	109	113	113				
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	88	113	113				
Rajshahi Zone Total				2193	2183	914	1257	1511	1672	381	0		
133	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	
134	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	150	150	150				
135	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
136	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	13	96	113	113				
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	10				
138	Majpara, Tatulia 8 MW Solar PP (Sympa I	Solar (IPP)	1 x 8	8	8	4.8	0	8	0				
Rangpur Zone Total				685	605	168	246	271	273	170	0		
Sub-total: Plants in operation				20383	19892	9170.8	11132	13190	14481	1874	1452		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss													
(B) Contract expired power plants						8750	10621	12584	13816				
Sub-Total: Plants under long term maintenance				0	0	0	0	0	0				
Gross Total				20383	19892	9171	11132	13190	14481	1874	1452		

(C) Actual data of 20.08.20 (Yesterday) Thursday :																
01.	Max. Demand (Generation end)	:	11132.00	MW,	at =	20:00 hrs	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
02.	Max. Demand (Sub-station end)	:	10621.00	MW,	at =	20:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply			
03.	Highest Generation (Generation end)	:	11132.00	MW,	at =	20:00 hrs										
04.	Minimum Generation (Generation end)	:	8126.92	MW,	at =	7:00 hrs	Dhaka	3611	3611	0	Mymensingh	940	940			
05.	Day-peak Generation (Generation end)	:	9170.80	MW,	at =	12:00 hrs	Chattogram	1107	1107	0	Sylhet	484	484			
06.	Evening-peak Generation (Generation end)	:	11132.00	MW,	at =	20:00 hrs	Khulna	1357	1357	0	Barishal	287	287			
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	20:00 hrs	Rajshahi	1092	1092	0	Rangpur	762	762			
08.	Actual Minimum Generation up to 8:00 hrs.	:	7367.70	MW,	at =	7:00 hrs and	Cumilla	981	981	0						
09.	Generation shortfall at evening peak due to :	:					Total			10621	10621	0				
	a) Gas limitation	:	1592	MW			13. Fuel cost :			(a) Gas =	143330682	Taka	(c) Coal =			
	d) Coal supply Limitation	:	170	MW						(b) Oil =	485763699	Taka	Total =			
	b) Low water level in Kaptai lake	:	112	MW									68832136			
	c) Plants under shut down/ maintenance	:	1452	MW									697926518			
10.	Total Energy (Generation + India Import)	:	231.19	MKWh			14. Maximum Temperature in Dhaka was :	28.2° C								
	By Gas =	124.869	MKWh		By Oil =	63.330	15. Export through East-West interconnections :									
	By Coal =	14.821	MKWh		By Hydro =	2.796	At evening peak-hour	:	286	MW,	at	20:00 hrs				
	By Solar=	0.095	MKWh				Maximum	:	189	MW,	at	2:00 hrs				
11.	Total Gas Supplied	:	1073.80	MMCFD			Energy	:	0	MKWh						

(D) Forecast of 21.08.20 (Today) Friday :													
01.	Maximum Demand	:	10500	MW	(Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)	
02.	Maximum Generation	:	14481	MW	(Generation end)		05.	Total Generation	:	218.06	MKWh		
03.	Maximum Shortage	:	-3981	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka :		32.7° C			

* Captive Power ** Imported Power

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

(Fazoul Islam Shaker)

Deputy Secretary, Generation