



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month August, 2020				Day : Friday				Date : 14.08.20				
Probable Maximum Demand : 11900 MW				Probable Maximum Generation : 15040 MW								
Water Level of Kaptai Lake at 06:00 AM				Rule Curve = 93.16 ft.								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.08.20 (Yesterday)		14.08.20 (Today)		13.08.20 (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)		
(A) Plants in operation:												
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	28	28	35	35		57	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	Under maint.
	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	280	300	300	300			
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	94	90	100	100	18		Gas Shortage
4	Ghorashal 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)	1 x 32	32	20	0	0	0	0	20		Gas Shortage
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	283	348	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	330	450	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	0	0	0	0		412	Under maint.
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	282	275	330	330			
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	99	99	100	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	280	300	305	305			
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	100	100	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	97	96	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	89	70	100	100			
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	85	85	102	102			
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	19	19			
21	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	50	53	47	47			
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	16	33	25	25			
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	47	0	35	50			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	95	105	100	100			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	149	149	149	149			
27	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	11	47	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	113	130	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	52	100	300			
32	Bramhangonj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100			
33	Aurahati 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	55	55	55	55			
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	55	55	55	55			
36	Bosila 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	94	104	104	104			
Dhaka Zone Total				6119	5895	3305	3597	3951	4237	511	934	
38	Karnaphuli Hydro PP Unit-1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	152	155	153	153	75		Low Water Level
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	0	0	90	90		180	Under maint.
	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	6.1	0	5	0			
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	22	25	25	25			
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	15	0	20	0			
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	29	50	50	50			
44	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	0	0	100	100			
45	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	143	140	140	140			
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	228	204	225	225			
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	221	216	300	300			
48	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	10	100	100			
49	Juldah 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	21	21			
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			2	20	30	35			
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	73	97	90	91			
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	Juldah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	100	100	100	100			
Chattogram Zone Total				2326	2266	1109.1	1237	1749	1794	75	360	
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	120	120	120	9		Gas Shortage
	c) Ashuganj TPP Unit- 5	Gas (APSCL)	1 x 150	150	134	80	80	130	130	54		Gas Shortage
58	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	32	36	40	42			
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	210	209	220	220			
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	285	270	360	360			
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	0	0	0	0	360		Under inspection
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	30	20	51	51			
63	Ashuganj 150MW PP (APSCL-United)	Gas (IPP)	20*9.73+1*16	195	195	78	78	78	78			
64	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	51	51	51			
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	118	127	150	150			
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	34	0	42			
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	92	87	90	90			
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	140	200	200			
69	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	21	22	22			
70	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	10	11	11			
71	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33			
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	31	34	52	52			
73	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	20	19	18	18			
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	57	57	60	60			
**	Import (Tripura)	India		160	160	138	174	157	173			
Cumilla Zone Total				3040	2980	1335	1714	1957	2217	198	360	
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	153	137	155	155			
78	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	20	17	17			
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	72	80	95	95			
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	45	115	115	115			
81	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	190	200	200	200			
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.8	0	1.6	0			
Mymensingh Zone Total				645	637	479.8	552	583.6	582	0	0	

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.08.20 (Yesterday)		14.08.20 (Today)		13.08.20 (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)				
83	Fenchugonj	CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	85	86	88	88						
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 (Barakatul	Gas (RPP)	19x2.90	51	51	44	50	51	51						
86	Fenchugonj	44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	45	44	44						
87	Kushlari	163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	110	163	163	163						
88	Hobiganj	11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	5	5	11	11						
89	Shahjibazar	GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	30	28	61	66						
90	Shajibazar	330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	211	196	210	210						
91	Shahjibazar	86MW PP (Shahjibaza	Gas (RPP)	32x2.90	86	86	83	85	86	86						
92	Sylhet	225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	40	60	60	60						
93	Sylhet	20 MW GTTP	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	16	24	25	25						
97	Bibiana-II	341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	275	290	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	1004	1090	1198	1203	0	460				
99	Bheramara	GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16						
100	Bheramara	410 MW CCPP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	345	365	410	410						
101	Faridpur	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 (NWP/GCL)	1 x 150+1x75	230	230	120	160	150	225						
104	Khulna	115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	99	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 Al	HFO (QRPP)	5x8.5	40	40	33	40	40	40						
107	Rupsha	105 MW PP (Orion rupsha	HFO (IPP)	6x18.445	105	105	0	90	105	105						
108	Madhumati	100 MW PP	HFO (NWP/GCL)	6x18.415	105	105	0	0	100	100						
**	Bheramara (HVDC)	India			1000	1000	921	921	930	930						
Khulna Zone Total					2288	2284	1518	1791	1910	2131	0	0				
109	Barisal	110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	110	110	110						
110	Bhola	33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	23	39	33	33						
111	Bhola	225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	88	89	89	89		105	GT-2 Under maint.			
112	Bhola	95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	31	78	76	79						
113	Payra	1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	503	590	600	600						
Barishal Zone Total					1054	1054	645	906	908	911	0	105				
114	a) Baghabari	71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage			
	b) Baghabari	100 MW GTTP	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	43	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	28	0	40						
118	Amnura	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	36	97	100	100						
120	Katakhali	50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	43	0	45						
121	Katakhali	50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	16	50	50						
122	Santahar	50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	32	0	35						
123	Sirajgonj	225MW CCPP Unit-1	Gas (NWP/GCL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage			
124	Sirajgonj	225MW CCPP Unit-2	Gas (NWP/GCL)	1x150 + 1x75	220	220	153	193	220	220						
125	Sirajgonj	225MW CCPP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	180	205	220	220						
126	Sirajgonj	400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	342	380	414	414						
127	Bogra	22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	17	17	22	22						
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	8	5	8	8						
130	Natore	52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	43	43	52	52						
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	64	113	113	113						
Rajshahi Zone Total					2193	2183	963	1335	1522	1692	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	149	150	150						
135	Rangpur	20 MW GTTP	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	113	113	113	113						
137	Saidpur	20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	10						
138	Majpara, Tatulia	8 MW Solar PP (Sympa	Solar (IPP)	1 x 8	8	8	5.2	0	8	0						
Rangpur Zone Total					685	605	268	262	271	273	170	0				
Sub-total: Plants in operation					20383	19892	10627.1	12484	14050	15040	1335	2219				
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							10132	11902	13395	14339						
(B) Contract expired power plants																
Sub-Total: Plants under long term maintenance					0	0	0	0	0	0						
Gross Total					20383	19892	10627	12484	14050	15040	1335	2219				
(C) Actual data of 13.08.20 (Yesterday) Thursday :																
01.	Max. Demand (Generation end)			:	12484.00	MW, at = 19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)			:	11902.00	MW, at = 19:30 hrs		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW	
03.	Highest Generation (Generation end)			:	12484.00	MW, at = 19:30 hrs										
04.	Minimum Generation (Generation end)			:	9307.90	MW, at = 7:00 hrs		Dhaka	4022	4022	0	Mymensingh	1007	1007	0	
05.	Day-peak Generation (Generation end)			:	10627.10	MW, at = 12:00 hrs		Chattogram	1188	1188	0	Sylhet	540	540	0	
06.	Evening-peak Generation (Generation end)			:	12484.00	MW, at = 19:30 hrs		Khulna	1545	1545	0	Barishal	328	328	0	
07.	Evening Peak Load-shed (Sub-station end)			:	0.00	MW, at = 19:30 hrs		Rajshahi	1289	1289	0	Rangpur	803	803	0	
08.	Actual Minimum Generation up to 8:00 hrs.			:	9132.00	MW, at = 7:00 hrs		Cumilla	1180	1180	0					
09.	Generation shortfall at evening peak due to :			:							Total	11902	11902	0		
	a) Gas limitation			:	1090	MW		13.	Fuel cost :	(a) Gas = 154543473 Taka	(c) Coal = 80823378 Taka					
	d) Coal supply Limitation			:	170	MW				(b) Oil = 651550018 Taka	Total = 886916869 Taka					
	b) Low water level in Kaptai lake			:	75	MW										
	c) Plants under shut down/ maintenance			:	2219	MW		14.	Maximum Temperature in Dhaka was : 34.7° C							
10.	Total Energy (Generation + India Import)			:	264.27	MKWh	15.	Export through East-West interconnections :								
	By Gas = 132.667 MKWH					By Oil = 84.422 MKWh		At evening peak-hour			:	76	MW, at 19:30 hrs			
	By Coal = 17.547 MKWH					By Hydro = 3.678 MKWh		Maximum			:	7	MW, at 21:00 hrs			
	By Solar= 0.223 MKWH							Energy			:	0.024	MKWh			
11.	Total Gas Supplied			:	1138.25	MMCFD										
(D) Forecast of 14.08.20 (Today) Friday :																
01.	Maximum Demand			:	11900	MW (Generation end)	04.	Maximum Load-shed			:	0	MW At evening peak (Sub-station end)			
02.	Maximum Generation			:	15040	MW (Generation end)	05.	Total Generation			:	251.90	MKWh			
03.	Maximum Shortage			:	-3140	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 35.4° C								

* Captive Power ** Imported Power

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

(Faouzul Islam Shaker)
Deputy Secretary, Generation