

**Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT**

Office of the Member, Generation
Tel.: 9564667, 9551095

Month August, 2021		Day : Tuesday		Date : 10.08.21							
Probable Maximum Demand : 13000 MW		Probable Maximum Generation : 14879 MW		Rule Curve = 91.88 ft.							
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 87.63 ft.		Today = 88.49 ft.							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Rated/ Present Capacity (MW)	09.08.21 (Yesterday)		10.08.21 (Today)		Gen. shortfall for : Gas/water/Coal limitation (MW)	Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)				
					Day	Evening	Day	Evening			
(A) Plants in operation:											
1	Ghorasal Repowered CCPP Unit-3 (GT)	Gas (PDB)	1 x 210	260	260	0	0	0	0	260	Under maint.
2	a) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Under Repowering
	b) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	110	110	185	185		
3	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	310	310	310	310		
4	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0	108	Gas Shortage
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105	CB Problem
6	Hanipur GTPP	Gas (PDB)	1 x 32	32	20	0	0	0	0	20	Gas Shortage
7	Hanipur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	221	214	280	280		
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	240	240	240	240	210	Gas Shortage
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Under Overhauling
10	Hanipur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	278	280	280	280		
11	Siddhirgonj 210 MW GTPP	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	327	330	335	335		
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	0	0		
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	280	275	285	285		
15	Madangan-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55		
16	Keranganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	12	85	85	85		
17	Ganagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	102	102	102	102		
18	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	20	20		
19	Summit Power (Madhabdi+Ashulia)	Gas (SIPP, PDB)	6x3.67+7x8.73	80	80	55	34	49	49		
20	Maona 33 MW PP(Summit)	Gas (SIPP, PDB)	6x8.73	33	33	33	33	33	33		
21	Rugganj 33 MW PP(Summit)	Gas (SIPP, PDB)	6x8.73	33	33	33	33	33	33		
22	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	51	52	52		
23	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	52	105	100	100		
24	Kodda 150MW PP	HFO (BPOB-RPCL)	9x17.06	149	149	8	150	133	150		
25	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	0	0		
26	Kamalghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	54	54	54		
27	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	185	281	285	285		
28	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	149	149	149	149		
29	Keranganj 300 MW PP (APR)	HSD (IPP)	25x11.4	300	300	0	0	100	300		
30	Bramhanganj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+9+1x.969	100	100	0	25	100	100		
31	Auralah 100MW PP (Aggreko)	HSD (IPP)	23x0.85+9+1x.969	100	100	0	28	50	100		
32	Nabaganj 55 MW PP (Southern power)	HFO (IPP)	3x19.3	55	55	35	55	35	35		
33	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	55	55	55	55		
34	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0		
35	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	75	94	75	94		
36	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	162	162	162	162		
37	Manikganj 35MW Solar PP (Inspectra)	Solar (IPP)	1x35	35	35	13	0	30	0		
Dhaka Zone Total				5976	5819	2863	3329	3672	3928	548	660
38	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	123	123	120	120	107	Low Water Level
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	100	100	100	100		
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	120	120	120	120		
40	Kaptai 7 MW Solar PP	Solar (PDB)	7	7	7	2	0	5	0		
41	Racoon 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	25	25	25		
42	Teknaf 20MW PP (Solutech)	Solar (IPP)	1x20	20	20	20	0	20	0		
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	50	50	50		
44	Sikalbaha 105 MW PP (Baraka Sikalbah)	HFO (IPP)	6x18.415	105	105	105	105	105	105		
45	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0	150	Under maint.
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0	225	Under maint.
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	88	52	200	300		
48	Juddah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	40	50	100	100		
49	Juddah 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	100	100	100	100		
50	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	102	51	51		
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	20	20	21	21		
*	Malancha Cig EPZ (United)	Gas	5x8.73+3x9.34			5	20	5	20		
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	90	97	97	97		
54	Sikalbaha 54 MW Power Plant(Jodioc Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	54	54		
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	110	110	110	110		
56	Juddah unit-2 (Acorn)	HFO (IPP)	8x13.5	100	100	100	100	100	100		
57	Chattogram 116 MW PP (Anlima Ener)	HFO (IPP)	6x21.06	116	116	116	116	116	116		
Chattogram Zone Total				2442	2382	1139	1290	1499	1589	107	375
58	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	80	80	54	Gas Shortage
59	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	20	23	23	23		
60	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1x75	221	221	211	186	215	215		
61	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	275	275	330	330		
62	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	270	265	330	330		
63	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	50	54	55	55		
64	Ashuganj 195MW PP (APSCCL-United)	Gas (IPP)	20'9.73+11'6	195	195	36	36	36	36	159	Gas shortage
65	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	35	43	43	43		
66	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	145	150	150	150		
67	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	50	50	50		
68	Chandour 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	138	137	137	137		
69	Chandour 200MW (Dash energy)	HFO (IPP)	12x18.415	200	200	199	200	200	200		
70	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	21	21	22	22		
71	Feni 11 MW PP (Doreen)	Gas (SIPP, PDB)	4x2.90	11	11	11	11	11	11		
72	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33		
73	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	42	45	43	43		
74	Cumilla 25 MW PP (Summit)	Gas (SIPP, PDB)	3x3.67+2x6.97	25	25	21	21	21	21		
75	Daukandi 200 MW PP (B.Trac)	HSD (IPP)	9x11.4+8x13.95+1x19.99	200	200	0	25	100	200		
76	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7'18.415+1'9.78	114	114	17	114	113	113		
77	Chowmahani 113 MW	HFO (IPP)	12'9.78+2'3.1	113	113	101	116	113	113		
78	Bharob 54 MW PP	HFO (IPP)	3x18.2	54	54	17	17	17	17		
**	Impopt (Tripura)	India		160	160	114	140	138	163		
Cumilla Zone Total				3094	3034	1836	2042	2260	2385	477	0
79	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	137	145	140	150		
80	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	21	21	21	21		
81	Jamalpur 55 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	8	8	8	8		
82	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	111	111	112	112		
83	Myensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	140	176	175	200		
84	Sarishabari 3 MW Solar Plant	Solar (IPP)	1x3	3	3	2	0	1.6	0		
85	Sulakhali 50 MW Solar PP	Solar (IPP)	1x50	50	50	31	0	50	0		
86	Tangail 22 MW PP(PPLCL)	HFO (IPP)	4x6.7	22	22	22	24	22	22		
Myensingh Zone Total				717	709	472	485	530	513	0	0

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	09.08.21 (Yesterday)		10.08.21 (Today)		09.08.21 (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)			
87	Fenchugoni CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	44	43	43	43			Under maint.	
88	Fenchugoni CAPP Phase-2	Gas (PDB)	2x25+1x35	104	90	22	42	30	30			Under maint.	
89	Fenchugoni 51 MW PP (Barakatullah)	Gas (RPP)	19x2.90	51	51	47	53	51	51				
90	Kushara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	110	163	163	163				
91	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	8	0	11	11				
92	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	62	64	62	62				
93	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+1x110	330	330	158	158	160	160				
94	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	81	81	84	84				
95	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	140	145	145	145				
96	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	0	18	18				
97	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	9	10	10	10				
98	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	24	24	24				
99	Bitiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	270	341	341				
100	Bitiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	360	366	400	400				
101	Bitiyana South 383 MW CCPP	Gas (PDB)	1x252+1x131	383	383	0	0	0	0			383 Under maint.	
102	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	0	0	0	0				
Sylhet Zone Total				2422	2377	1355	1419	1542	1542	0	75		
103	Bheramara GTTP Unit- 3	HSD (PDB)	1 x 20	20	15	0	0	0	0				
104	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	370	360	380	400				
105	Faridpur 50 MW Peaking PP	HFO (PDB)	6x6.98	54	54	0	20	0	20				
106	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	60				
107	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	50	225	225				
108	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	100	50	100				
109	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	90	105	105	105				
110	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100				
** Bheramara (HVDC) India				1000	1000	687	686	699	699				
Khulna Zone Total				2133	2129	1147	1321	1559	1709	0	0		
111	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	0	110	110				
112	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	24	32	33	33				
113	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	88	88	89	89			106 Under maint.	
114	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	12	12	12	12				
115	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	350	520	622	622				
116	Potakhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	35	150	150				
117	Bhola 220MW CCPP (Nutan Bidyut B)	Gas/HSD (IPP)	2x75+1x70	220	220	222	221	220	220				
Barishal Zone Total				2046	2046	696	908	1236	1236	0	106		
118	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	71			Gas Shortage	
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0			Gas Shortage	
119	Baghabari 50 MW Peaking PP	HFO (PDB)	6x6.9	52	52	0	43	43	43				
120	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
121	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	35	0	26				
122	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	35	35	35	35				
123	Chapanawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	0	85	95	95				
124	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	31	35	35				
125	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	0	0				
126	Santalaha 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	27	0	33				
127	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	144	0	140			STG S/D	
128	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	168	179	200	210				
129	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	176	194	200	200				
130	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	348	415	400	400				
131	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	21	22	22	22				
132	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
133	Natore 52 MW PP (Rajjanka)	HFO (IPP)	6x8.92	52	52	52	52	52	52				
134	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	35	95	95	95				
135	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	94	94	94	94				
136	Sirajgonj 6.55 MW Solar	Solar (NWPGL)	1x6	6	6	2	0	6	0				
Rajshahi Zone Total				2179	2179	939	1462	1488	1691	171	0		
137	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	85			Coal Shortage	
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	85			Coal Shortage	
138	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	152	155	153	153			Coal Shortage	
139	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	10				
140	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	100	113	113	113				
141	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	10				
142	Maipara, Tutula 8 MW Solar PP (Sympa Power)	Solar (IPP)	1 x 8	8	8	3	0	8	0				
Rangpur Zone Total				685	605	255	268	274	286	289	0		
Sub-total: Plants in operation				21694	21280	10702.0	12524	14060	14879	1592	1216		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							10235	11978	13447	14230			
(B) Plants under long term maintenance/ contract expired													
143	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	0	0	0	0	0				
144	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	0	0	0	0	0			Contract Expired on 12/11/2020	
145	Meghnaghat 100 MW(IEEL)	HFO (QRPP)	12x8.9	100	0	0	0	0	0			Contract Expired on 07/05/2021	
146	Khulna 115 MW PP (KPCL-2)	HFO (QRPP)	7x17	115	0	0	0	0	0			Contract Expired on 31/05/2021	
Sub-Total: Plants under long term maintenance/ contract expired				337	0	0	0	0	0				
Gross Total				22031	21280	10702	12524	14060	14879	1592	1216		
(C) Actual data of 09.08.21 (Yesterday) Monday :													
01.	Max. Demand at eve. peak (Generation end)	: 12524.00 MW, at = 21:00 hrs											
02.	Max. Demand at eve. peak (Sub-station end)	: 11978.00 MW, at = 21:00 hrs											
03.	Highest Generation (Generation end)	: 12524.00 MW, at = 21:00 hrs											
04.	Minimum Generation (Generation end)	: 9504.00 MW, at = 7:00 hrs											
05.	Day-peak Generation (Generation end)	: 10702.00 MW, at = 12:00 hrs											
06.	Evening-peak Generation (Generation end)	: 12524.00 MW, at = 21:00 hrs											
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 21:00 hrs											
08.	Minimum Generation Forecast up to 8:00 hrs.	: 9658.00 MW, at = 5:00 hrs											
09.	Generation shortfall at evening peak due to :												
	a) Gas limitation	: 1196 MW											
	b) Coal supply Limitation	: 289 MW											
	c) Low water level in Kaptai lake	: 107 MW											
	d) Plants under shut down maintenance	: 1216 MW											
10.	Total Energy (Generation + India Import)	: 265.49 MKWh											
	By Gas =	148.301 MKWh											
	By Coal =	15.387 MKWh											
	By Solar =	0.626 MKWh											
11.	Total Gas Supplied	: 1179.83 MMCFD											
(D) Forecast of 10.08.21 (Today) Tuesday :													
01.	Maximum Demand	: 13000 MW (Generation end)											
02.	Maximum Generation	: 14879 MW (Generation end)											
03.	Maximum Shortage	: -1879 MW (Generation end)											
04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)											
05.	Total Generation	: 275.58 MKWh											
06.	Probable Max. Temperature in Dhaka	: 34.7° C											

#Remarks: Highest Generation 13792 MW on 27-04-2021 at 20:00

(Fazul Islam Shaker)
Deputy Secretary, Generation