

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

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

Month August, 2021		Day : Monday		Date : 23.08.21							
Probable Maximum Demand :		13500 MW		Probable Maximum Generation :		14883 MW					
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 93.29 ft.		Today = 93.34 ft.		Rule Curve = 96.04 ft.					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	ft. Operated/ Present Capacity (MW)	22.08.21 (Yesterday)		23.08.21 (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 260	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	110	110	80	Gas shortage
3	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	300	300	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	163	160	170	170	200	Gas Shortage
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	240	250	250	250	200	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	385	396	412	412		
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	322	327	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	275	255	300	300		
15	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	30	40	40	40		
16	Keranganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	0	0		
17	Ganagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	102	102	100	102		
18	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	20	22	22		
19	Summit Power (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x3.73	80	80	46	45	47	47		
20	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33		
21	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33		
22	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	48	51	52	52		
23	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	105	105	105	105		
24	Kodda 150MW PP	HFO (BPOB-RPCL)	9x17.06	149	149	150	150	150	150		
25	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	0	0		
26	Kamalghata 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	48	54	54		
27	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	278	275	300	300		
28	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	144	149	149	149		
29	Keranganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	214	100	300		
30	Bramhanganj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.969	100	100	0	90	100	100		
31	Aurshah 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.969	100	100	50	100	50	100		
32	Nabaganj 55 MW PP (Southern power)	HFO (IPP)	3x19.3	55	55	55	55	55	55		
33	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	55	55	55	55		
34	Bosila 108MW PP(RCL)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0		
35	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	90	90	90	95		
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	26	0	30	0		
Dhaka Zone Total			5976	5819	3275	3615	3614	3841	738	740	
38	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	127	123	123	123	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	0	0	0	0	180	Under maint.
40	Kaptai 7 MW Solar PP	Solar (PDB)	7	7	7	4	0	5	0		
41	Raczan 25 MW PP	HFO (RPCL)	3x8.9	25	25	25	25	25	25		
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	16	0	20	0		
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	21	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	90	107	200	300		
48	Juddah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	100	100	100	100		
49	Juddah 100 MW 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	85	102	102		
51	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0		
52	Barakunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	20	21		
*	Malancha Cig EPZ (United)	Gas	5x8.73+3x9.34			2	17	5	20		
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	78	96	95	96		
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)	8x13.6	100	100	90	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	1034	1254	1430	1522	107	555	
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	23	23	23	23		
60	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1x75	221	221	185	213	215	215		
61	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	260	285	330	360		
62	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	260	265	330	360		
63	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	30	30	30	30		
64	Ashuganj 195MW PP (APSCCL-United)	Gas (IPP)	20'9.73+11'6	195	195	8	8	8	8	187	Gas shortage
65	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	35	35	35	35		
66	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	120	112	125	130		
67	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	50	50	50		
68	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	138	138	140	140		
69	Chandpur 200MW (Dash energy)	HFO (IPP)	12x18.415	200	200	198	198	200	200		
70	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	11	22	22		
71	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	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	20	52	52	52		
74	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	21	20	21		
75	Daukiandi 200 MW PP (B.Trac)	HSD (IPP)	9x1.4+8x1.95+1x1.85	200	200	0	200	100	200		
76	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7'18.415+1'9.78	114	114	70	114	114	114		
77	Chowmuhani 113 MW	HFO (IPP)	12'9.78+2'3.1	113	113	99	114	113	113		
78	Bharob 54 MW PP	HFO (IPP)	3x18.2	54	54	17	17	17	17		
**	Impopt (Tripura)	India		160	160	108	134	138	164		
Cumilla Zone Total			3094	3034	1726	2144	2186	2378	505	0	
79	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	102	65	120	120	137	Gas Shortage
80	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	21	21	21	21		
81	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	6	6	6		
82	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	67	113	115	115		
83	Myensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	119	164	200	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	52	0	50	0		
86	Tangail 22 MW PP(PPL)	HFO (IPP)	4x6.7	22	22	24	24	22	22		
Myensingh Zone Total			717	709	387	387	536	484	137	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	22.08.21 (Yesterday)		23.08.21 (Today)		22.08.21 (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	44	44	44			Under maint.	
88	Fenchugoni CAPP Phase-2	Gas (PDB)	2x25+1x35	104	90	42	42	42	42			Under maint.	
89	Fenchugoni 51 MW PP (Barakattullah)	Gas (RPP)	19x2.90	51	51	53	53	51	51				
90	Kushara 163 MW CCPP (KP)	Gas (RPP)	1x109+1x54	163	163	163	163	163	163				
91	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	8	8	11	11				
92	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	0	0	0	0				
93	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+1x110	330	330	270	271	270	270				
94	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	82	80	84	84				
95	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	226	219	0	0				
96	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	18	18	18				
97	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	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	305	300	341	341				
100	Bitiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	80	402	400	400				
101	Bitiyana South 383 MW CCPP	Gas (PDB)	1x252+1x131	383	383	390	351	400	400				
102	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	0	0	0	0				
Sylhet Zone Total					2422	2377	1697	1985	1808	1858	0	74	
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	365	340	370	400	70		Gas Shortage	
105	Faridpur 50 MW Peaking PP	HFO (PDB)	6x6.98	54	54	0	23	0	25				
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	100	0	225				
108	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.5+15	100	100	25	100	50	100				
109	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	105	105	105	105				
110	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100				
** Bheramara (HVDC) India					1000	1000	679	677	692	692			
Khulna Zone Total					2133	2129	1174	1345	1317	1707	70	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	22	34	33	33				
113	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	88	88	88	88	106		Under maint.	
114	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1x96	95	95	12	11	12	12				
115	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	350	540	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 BC)	Gas/HSD (IPP)	2x75+1x70	220	220	217	218	220	220				
Barishal Zone Total					2046	2046	689	926	1235	1235	0	106	
118	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	0	0	71			Gas Shortage	
	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	100			Gas Shortage	
119	Baghabari 50 MW Peaking PP	HFO (PDB)	6x6.9	52	52	0	43	50	50				
120	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	20	200	200				
121	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	39	0	40				
122	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	0	0				
123	Chapanawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	0	93	95	95				
124	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	30	30	31				
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	28	0	23			Gas Shortage,STG S/D	
127	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0				
128	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	176	183	200	200				
129	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	197	203	220	220				
130	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	412	398	400	400				
131	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	19	21	22	22				
132	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	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	113	113	113	113				
135	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	113	113	113	113				
136	Sirajgonj 6.55 MW Solar	Solar (NWPGL)	1x6	6	6	3	0	6	0				
Rajshahi Zone Total					2179	2179	1096	1347	1512	1570	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	149	155	155	155	119		Coal Shortage	
139	Rangpur 20 MW GTTP	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	106	113	113	113				
141	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	10				
142	Majpara, Tatala 8 MW Solar PP (Sympa Power)	Solar (IPP)	1 x 8	8	8	7	0	8	0				
Rangpur Zone Total					685	605	262	268	276	288	289	0	
Sub-total: Plants in operation					21694	21280	11340.0	13271	13914	14883	2017	1475	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							10822	12665	13278	14203			
(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(IEI)	HFO (QRPP)	12x8.9	100	0	0	0	0	0			Contract Expired on 07/05/2021	
146	Khulna 115 MW PP (KPOL-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				
Gross Total					22031	21280	11340	13271	13914	14883	2017	1475	
(C) Actual data of 22.08.21 (Yesterday) Sunday :													
01.	Max. Demand at eve. peak (Generation end)	: 13271.00 MW, at = 21:00 hrs	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :										
02.	Max. Demand at eve. peak (Sub-station end)	: 12665.00 MW, at = 21:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW			
03.	Highest Generation (Generation end)	: 13271.00 MW, at = 21:00 hrs	Dhaka	4534	4534	0	Mymensingh	901	901	0			
04.	Minimum Generation (Generation end)	: 9676.00 MW, at = 7:00 hrs	Chattogram	1320	1320	0	Sylhet	496	496	0			
05.	Day-peak Generation (Generation end)	: 11340.00 MW, at = 12:00 hrs	Khulna	1651	1651	0	Barishal	376	376	0			
06.	Evening-peak Generation (Generation end)	: 13271.00 MW, at = 21:00 hrs	Rajshahi	1357	1357	0	Rangpur	820	820	0			
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 21:00 hrs	Cumilla	1210	1210	0	Total	12665	12665	0			
08.	Minimum Generation Forecast up to 8:00 hrs.	: 10099.00 MW, at = 5:00 hrs	13.	Fuel cost :	a) Gas = 153765654 Taka	b) Oil = 662394205 Taka	(c) Coal = 71068870 Taka	Total = 887228730 Taka					
09.	Generation shortfall at evening peak due to :		14.	Maximum Temperature in Dhaka was :	34.5° C								
10.	Total Energy (Generation + India Import)	: 276.75 MKWh	15.	Export through East-West interconnections :	At evening peak-hour : -510 MW, at 21:00 hrs Maximum : -510 MW, at 21:00 hrs Energy : 2.7615 MKWh								
	By Gas = 150.862 MKWh	By Oil = 87.746 MKWh											
	By Coal = 15.306 MKWh	By Hydro = 2.643 MKWh											
	By Solar = 0.840 MKWh												
11.	Total Gas Supplied	: 1187.50 MIMCFD											
(D) Forecast of 23.08.21 (Today) Monday :													
01.	Maximum Demand	: 13500 MW (Generation end)	04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)								
02.	Maximum Generation	: 14883 MW (Generation end)	05.	Total Generation	: 281.52 MKWh								
03.	Maximum Shortage	: -1383 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	34.0° C								

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

(Fazul Islam Shaker)
Deputy Secretary, Generation