

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

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

Month August, 2021		Day : Tuesday				Date : 24.08.21					
Probable Maximum Demand :		13000 MW		Probable Maximum Generation :		14679 MW					
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 93.34 ft.		Today = 93.35 ft.		Rule Curve = 96.04 ft.					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Rated/ Present Capacity (MW)	23.08.21 (Yesterday)		24.08.21 (Today)		Gen. shortfall for : Gas/Water/Coal limitation MW	23.08.21 (Yesterday)	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	70	0	0	0	190	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	137	195	250	250	165	Gas Shortage
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	260	270	270	270	180	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	389	394	412	412		
11	Siddhirgonj 2*120 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	329	335	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	270	300	300		
15	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	40	40	40	40		
16	Keranganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	0	0		
17	Gagnagar 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	17	21	22	22		
19	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	46	47	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	42	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	Kamalghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	35	54	54	54		
27	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	255	280	300	300		
28	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	135	149	149	149		
29	Keranganj 300 MW PP (APR)	HSD (IPP)	25x11.4	300	300	0	103	100	300		
30	Bramhanganj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.969	100	100	25	70	100	100		
31	Auralah 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.969	100	100	27	100	50	100		
32	Nabaganj 55 MW PP (Southern powe)	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(RCLC)	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	35	0	30	0		
Dhaka Zone Total			5976	5819	3202	3464	3604	3831	683	850	
38	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	117	120	120	120	110	Low Water Level
	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	5	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	19	0	20	0		
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	38	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	125	125	200	300		
48	Juddah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	60	100	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	85	85	102	102		
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	20	20	21		
*	Malancha Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	24	5	20		
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	81	50	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)	8x13.5	100	100	100	100	100	100		
57	Chattogram 115 MW PP (Anlima Ener)	HFO (IPP)	6x21.06	116	116	102	115	116	116		
Chattogram Zone Total			2442	2382	1192	1229	1427	1519	110	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	70	70	70	64	Gas Shortage
59	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	23	5	5	5		
60	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1x75	221	221	183	175	215	215		
61	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	295	295	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	5	5	5	5		
64	Ashuganj 195MW PP (APSCCL-United)	Gas (IPP)	20'9.73+1'16	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	133	133	125	130		
67	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	43	50	50	50		
68	Chandour 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	137	135	140	140		
69	Chandour 200MW (Dash energy)	HFO (IPP)	12x18.415	200	200	197	200	200	200		
70	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	16	22	22	22		
71	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11		
72	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	25	33	33		
73	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	52	52	52	52		
74	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	21	21	20	20		
75	Daukandi 200 MW PP (B.Trac)	HSD (IPP)	9x11.4+8x13.95+1x19.09	200	200	25	200	100	200		
76	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7'18.415+1'9.78	114	114	114	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	35	17	17		
**	Impopt (Tijura)	India		160	160	120	134	138	163		
Cumilla Zone Total			3094	3034	1907	2104	2133	2323	515	0	
79	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	84	102	120	120	100	Gas Shortage
80	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	21	21	21		
81	Jamalpur 55 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	106	115	115	115		
83	Myensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	164	140	200	200		
84	Sarishabari 3 MW Solar Plant	Solar (IPP)	1x3	3	3	1	0	1.6	0		
85	Sulakhali 50 MW Solar PP	Solar (IPP)	1x50	50	50	32	0	50	0		
86	Tangail 22 MW PP(PPLCL)	HFO (IPP)	4x6.7	22	22	24	24	22	22		
Myensingh Zone Total			717	709	430	402	536	484	100	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	23.08.21 (Yesterday)		24.08.21 (Today)		23.08.21 (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			27	Under maint.
88	Fenchugoni CAPP Phase-2	Gas (PDB)	2x25+1x35	104	90	42	42	42	42			48	Under maint.
89	Fenchugoni 51 MW PP (Barakattullah)	Gas (RPP)	19x2.90	51	51	50	53	51	51				
90	Kushara 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	155	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	0	0	0	0				
93	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+1x110	330	330	264	236	270	270				
94	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	0	84	84	84				
95	Sylhet 225 MW CAPP	Gas (PDB)	1x142+1x89	231	231	0	0	0	0	231			Gas Shortage
96	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	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 CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	280	341	341				
100	Bitiyana-III 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	367	401	400	400				
101	Bitiyana South 383 MW CAPP	Gas (PDB)	1x252+1x131	383	383	217	260	350	400				
102	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	0	0	0	0				
Sylhet Zone Total				2422	2377	1507	1606	1807	1857	231		75	
103	Bheramara GTTP Unit- 3	HSD (PDB)	1 x 20	20	15	0	0	0	0				
104	Bheramara 410 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	250	230	250	250	180			Gas Shortage
105	Faridpur 50 MW Peaking PP	HFO (PDB)	6x6.98	54	54	4	24	0	25				
106	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	60				
107	Khulna 225 MW CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	55	0	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	105	105	105	105				
110	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100				
** Bheramara (HVDC) India				1000	1000	680	679	707	707				
Khulna Zone Total				2133	2129	1039	1193	1212	1572	180		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	21	34	33	33				
113	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	83	88	88	88	106			Under maint.
114	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1x96	95	95	11	11	12	12				
115	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	360	570	622	622				
116	Potukhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	17	150	150				
117	Bhola 220MW CAPP (Nutan Bidyut B)	Gas/HSD (IPP)	2x75+1x70	220	220	214	216	220	220				
Barishal Zone Total				2046	2046	689	936	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	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	50	200	200				
121	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	37	0	40				
122	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	0	0				
123	Chapanawabganj 100 MW Peaking PI	HFO (PDB)	12x8.924	104	104	47	94	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	Santalar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	25	0	23				Gas Shortage,STG S/D
127	Sirajgonj 225MW CAPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0				
128	Sirajgonj 225MW CAPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	175	158	200	200				
129	Sirajgonj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	188	160	220	220				
130	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	398	392	400	400				
131	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	19	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	43	43	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	1107	1291	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	153	153	155	155	121			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	100	113	113	113				
141	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	10				
142	Maipara, Tutula 8 MW Solar PP (Sympa Powe)	Solar (IPP)	1 x 8	8	8	1	0	8	0				
Rangpur Zone Total				685	605	254	266	276	288	291		0	
Sub-total: Plants in operation				21694	21280	11327.0	12491	13742	14679	2281		1586	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						10719	11820	13003	13890				
(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	11327	12491	13742	14679	2281		1586	
(C) Actual data of 23.08.21 (Yesterday) Monday :													
01.	Max. Demand at eve. peak (Generation end)	:	12491.00	MW, at = 21:00 hrs									
02.	Max. Demand at eve. peak (Sub-station end)	:	11820.00	MW, at = 21:00 hrs									
03.	Highest Generation (Generation end)	:	12491.00	MW, at = 21:00 hrs									
04.	Minimum Generation (Generation end)	:	10099.00	MW, at = 8:00 hrs	Dhaka	4297	4297	0	Mymensingh	828	828	0	
05.	Day-peak Generation (Generation end)	:	11327.00	MW, at = 12:00 hrs	Chattogram	1267	1267	0	Sylhet	313	313	0	
06.	Evening-peak Generation (Generation end)	:	12491.00	MW, at = 21:00 hrs	Khulna	1644	1644	0	Barishal	380	380	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs	Rajshahi	1234	1234	0	Rangpur	724	724	0	
08.	Minimum Generation Forecast up to 8:00 hrs.	:	9254.00	MW, at = 5:00 hrs	Cumilla	1133	1133	0					
09.	Generation shortfall at evening peak due to :	:											
	a) Gas limitation	:	1880	MW									
	b) Coal supply Limitation	:	291	MW									
	c) Low water level in Kaptai lake	:	110	MW									
	d) Plants under shut down maintenance	:	1586	MW									
10.	Total Energy (Generation + India Import)	:	279.62	MKWh									
	By Gas =	146.687	MKWh	By Oil =	94.425	MKWh							
	By Coal =	15.796	MKWh	By Hydro =	2.831	MKWh							
	By Solar =	0.506	MKWh										
11.	Total Gas Supplied	:	1102.81	MMCFD									
(D) Forecast of 24.08.21 (Today) Tuesday :													
01.	Maximum Demand	:	13000	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	14679	MW (Generation end)	05.	Total Generation	:	291.01	MKWh				
03.	Maximum Shortage	:	-1679	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	34.1° C					

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

(Fazul Islam Shaker)
Deputy Secretary, Generation