

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month August, 2021		Day : Wednesday				Date : 04.08.21					
Probable Maximum Demand :		12400 MW		Probable Maximum Generation :		14448 MW					
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 85.76 ft.		Today = 85.81 ft.		Rule Curve = 89.96 ft.					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Rated/ Present Capacity (MW)	03.08.21 (Yesterday)		04.08.21 (Today)		03.08.21 (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 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 Powering
	b) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	110	110	110	110		
3	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	170	170	170	195	ST Under maint.
4	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	13	0	0	0		
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	Under Maint.
7	Hanipur 360MW CCPP(HPL)	Gas (IPP)	1x225+1x125	360	360	237	233	300	300		
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	337	391	390	400		
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	328	328	320	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	300	245	300	300		
15	Madangan-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	55	40	55	55		
16	Keranganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	10	74	85	85		
17	Ganagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	48	94	94	94		
18	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	17	15	20	20		
19	Summit Power (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	45	45	45	45		
20	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	6x8.73	33	33	25	33	33	33		
21	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	6x8.73	33	33	33	33	33	33		
22	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	51	51	52	52		
23	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	17	105	100	100		
24	Kodda 150MW PP	HFO (BPOB-RPCL)	9x17.06	149	149	48	133	133	133		
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	25	35	35	35		
27	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	195	284	300	300		
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)	25x6.14	300	300	0	147	100	300		
30	Bramhanganj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+9+1x.969	100	100	0	100	100	100		
31	Auralah 100MW PP (Aggreko)	HSD (IPP)	23x0.85+9+1x.969	100	100	0	97	50	100		
32	Nabaganj 55 MW PP (Southern powe)	HFO (IPP)	3x19.3	55	55	35	35	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	91	91	94	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	30	0	30	0		
Dhaka Zone Total				5976	5819	2656	3495	3610	3855	420	875
38	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	114	120	90	90	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	120	120	120	120		
40	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	3	0	5	0		
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	8	25	25	25		
42	Teknaf 20MW PP (Solarsat)	Solar (IPP)	1x20	20	20	4	0	20	0		
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	13	28	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	120	120	120	120		
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	0	0	200	300		
48	Judhad 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	10	20	100	100		
49	Judhad 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	90	76	100	100		
50	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	51	51	51		
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	21	21	21	21		
*	Malancha Cig EPZ (United)	Gas	5x8.73+3x9.34			6	10	6	30		
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	86	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	Judhad unit-2 (Acorn)	HFO (IPP)	8x13.6	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	1126	1219	1590	1689	110	225
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	80	80	64	Gas Shortage
59	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	23	20	23	23		
60	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1x75	221	221	215	176	215	215		
61	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	250	300	330	330		
62	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x360	360	360	260	300	330	330		
63	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	40	10	15	15		
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	43	43	43	43		
66	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	123	100	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	137	136	135	137		
69	Chandour 200MW (Dash energy)	HFO (IPP)	12x18.415	200	200	140	155	170	200		
70	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	21	20	22	22		
71	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11		
72	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	25	33	33		
73	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	43	43	43	43		
74	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	18	21	21	21		
75	Daukandi 200 MW PP (B.Trac)	HSD (IPP)	9x1.4+8x1.95+1x1.95	200	200	0	175	100	200		
76	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7'18.415+1'9.78	114	114	52	88	113	113		
77	Chowmuhani 113 MW	HFO (IPP)	12'9.78+2'3.1	113	113	106	118	113	113		
78	Bharob 54 MW PP	HFO (IPP)	3x18.2	54	54	17	17	17	17		
**	Impopt (Tijura)	India		160	160	120	140	138	164		
Cumilla Zone Total				3094	3034	1726	2096	2160	2318	515	0
79	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	96	103	120	120		
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	8	8	8	8		
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	150	181	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	6	0	50	0		
86	Tangail 22 MW PP(PPLCL)	HFO (IPP)	4x6.7	22	22	23	24	22	22		
Myensingh Zone Total				717	709	412	452	513	486	0	0

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.08.21 (Yesterday)		04.08.21 (Today)		03.08.21 (Yesterday)		Status of Machines under shut-down Maintenance		
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for : Gas/water/Coal limitation MW		Machines shut down (MW)	Description/ Remarks	Probable start-up date
					Day	Evening	Day	Evening	Day	Evening			
87	Fenchugoni CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	43	44	43	43		26	Under maint.	
88	Fenchugoni CAPP Phase-2	Gas (PDB)	2x25+1x35	104	90	0	10	30	30		80	Under maint.	
89	Fenchugoni 51 MW PP (Barakattullah)	Gas (RPP)	19x2.90	51	51	50	52	51	51				
90	Kushara 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	110	110	110	110		53	Under maint.	
91	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11				
92	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	60	61	62	62				
93	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+1x110	330	330	176	178	180	180				
94	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	81	84	84	84				
95	Sylhet 225 MW CAPP	Gas (PDB)	1x142+1x89	231	231	150	140	140	140				
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 CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	280	280	341	341				
100	Bitiyana-III 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	400	367	400	400				
101	Bitiyana South 383 MW CAPP	Gas (PDB)	1x252+1x131	383	383	0	0	0	0				
102	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	0	0	0	0				
Sylhet Zone Total				2422	2377	1384	1389	1504	1504	0	159		
103	Bharanara GTTP Unit- 3	HSD (PDB)	1 x 20	20	15	0	0	0	0				
104	Bharanara 410 MW CAPP	Gas (NWPGL)	1 x 278-1 x 132	410	410	330	320	340	340				
105	Faridpur 50 MW Peaking PP	HFO (PDB)	6x6.98	54	54	0	22	0	20				
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	0	225	225				
108	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	100	50	100				
109	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	53	105	105	105				
110	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100				
** Bheranara (HVDC) India				1000	1000	682	682	692	692				
Khulna Zone Total				2133	2129	1065	1229	1512	1642	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	23	30	33	33				
113	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	90	90	89	89		104	Under maint.	
114	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1x96	95	95	12	12	12	12				
115	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	270	450	622	622				
116	Potakhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	35	150	150				
117	Bhola 220MW CAPP (Nutan Bidyut B)	Gas/HSD (IPP)	2x75+1x70	220	220	202	219	220	220				
Barishal Zone Total				2046	2046	597	836	1236	1236	0	104		
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	100			Gas Shortage	
119	Baghabari 50 MW Peaking PP	HFO (PDB)	6x6.9	52	52	0	50	30	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	0	0	0				
122	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	12	35	35	35				
123	Chapanawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	0	81	95	95				
124	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	29	35	35				
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	33			STG S/D	
127	Sirajgonj 225MW CAPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	117	111	110	110			Gas Shortage	
128	Sirajgonj 225MW CAPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0		220	Gas Shortage	
129	Sirajgonj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	196	192	200	200				
130	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	364	351	400	400				
131	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	21	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	8	25	52	52				
134	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	95	95	95	95				
135	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	90	94	94	94				
136	Sirajgonj 6.55 MW Solar	Solar (NWPGL)	1x6	6	6	2	0	6	0				
Rajshahi Zone Total				2179	2179	915	1170	1385	1432	391	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	154	151	153	153		123	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	113	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	5	0	8	0				
Rangpur Zone Total				685	605	272	264	274	286	293	0		
Sub-total: Plants in operation				21694	21280	10153.0	12060	13174	14448	1729	1363		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						9719	11544	13194	13830				
(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 (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	10153	12060	13784	14448	1729	1363		
(C) Actual data of 03.08.21 (Yesterday) Tuesday :													
01.	Max. Demand at eve. peak (Generation end)	:	12060.00	MW, at = 19:30 hrs									
02.	Max. Demand at eve. peak (Sub-station end)	:	11544.00	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)	:	12060.00	MW, at = 19:30 hrs									
04.	Minimum Generation (Generation end)	:	8777.00	MW, at = 8:00 hrs	Dhaka	3905	3905	0	Mymensingh	954	954	0	
05.	Day-peak Generation (Generation end)	:	10153.00	MW, at = 12:00 hrs	Chattogram	1122	1122	0	Sylhet	528	528	0	
06.	Evening-peak Generation (Generation end)	:	12060.00	MW, at = 19:30 hrs	Khulna	1490	1490	0	Barishal	342	342	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:30 hrs	Rajshahi	1250	1250	0	Rangpur	796	796	0	
08.	Minimum Generation Forecast up to 8:00 hrs.	:	8984.00	MW, at = 5:00 hrs	Cumilla	1157	1157	0					
09.	Generation shortfall at evening peak due to :	:											
	a) Gas limitation	:	1326	MW	13.	Fuel cost :	a) Gas = 155302055 Taka		c) Coal = 66972080 Taka				
	b) Coal supply Limitation	:	293	MW			b) Oil = 521292334 Taka		Total = 743566469 Taka				
	c) Low water level in Kaptai lake	:	110	MW									
	d) Plants under shut down maintenance	:	1363	MW	14.	Maximum Temperature in Dhaka was :	34.4° C						
10.	Total Energy (Generation + India Import)	:	253.66	MWKh	15.	Export through East-West interconnections :							
	By Gas =	143.064	MWKh	By Oil =	73.162	MWKh	At evening peak-hour	-550	MW, at	19:30	hrs		
	By Coal =	14.374	MWKh	By Hydro =	2.764	MWKh	Maximum	-590	MW, at	20:00	hrs		
	By Solar =	0.564	MWKh				Energy						
11.	Total Gas Supplied	:	1155.58	MMCFD									
(D) Forecast of 04.08.21 (Today) Wednesday :													
01.	Maximum Demand	:	12400	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	14448	MW (Generation end)	05.	Total Generation	:	260.81	MWKh				
03.	Maximum Shortage	:	-2048	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :		33.7° C					

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

(Fazul Islam Shaker)
Deputy Secretary, Generation