

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month August, 2021						Day : Monday				Date : 30.08.21					
Probable Maximum Demand : 13000 MW						Probable Maximum Generation : 14234 MW									
Water Level of Kaptai Lake at 06:00 AM						Yesterday = 95.92 ft		Today = 96.58 ft.		Rule Curve = 98.34 ft.					
Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	29.08.21 (Yesterday)		30.08.21 (Today)		29.08.21 (Yesterday)		30.08.21 (Today)		Status of Machines under shut-down/ Maintenance	
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Machines shut down (MW)	Description/ Remarks	Probable start-up date	
						Day	Evening	Day	Evening	Gas/water/Coal limitation MW					
(A) Plants in operation:															
1	Ghorasal Repowered CCGP Unit-3 (GT)	Gas (PDB)	1 x 260	260	260	0	0	0	0			260	Under maint.		
2	a) Ghorasal Repowered CCGP 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	0	0	0	0	190			Gas shortage		
3	Ghorasal 365 MW CCGP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	310	310	310	310						
4	Ghorashal 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	Haripur GTPP	Gas (PDB)	1 x 32	32	20	0	0	0	0	20			Gas Shortage		
7	Haripur 360MW CCGP(HPL)	Gas (IPP)	1x235+1x125	360	360	187	192	250	250	168			Gas Shortage		
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	280	280	280	280	170			Gas Shortage		
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0			115	Under Overhauling		
10	Haripur 412 MW CCGP	Gas (EGCB)	1x273+1x139	412	412	0	0	0	0			412	Under maint.		
11	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	91	90	100	100	120			Gas Shortage		
12	Siddhirganj 335 MW CCGP	Gas (EGCB)	1 x 217+1x118	335	335	305	302	335	335						
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	0	0						
14	Meghnaghat CCGP(Summit)	GAS (IPP)	2x110+1x110	305	305	275	260	300	300						
15	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	40	40	40	40						
16	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	25	26	26	26						
17	Gagnagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	102	102	100	102						
18	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	20	21	22	22						
19	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	53	54	54	55						
20	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33						
21	Rupganj 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	25	51	52	52						
23	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	70	90	90	90						
24	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	16	98	98	98						
25	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	0	0						
26	Kamalaghat 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	278	300	300	300						
28	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	149	149	149	149						
29	Keranigonj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	38	300	100	300						
30	Bramhangaoan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	31	100	100	100						
31	Aurahati 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	33	100	50	100						
32	Nababganj 55 MW PP (Southern powe	HFO (IPP)	3x19.3	55	55	17	55	55	55						
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	95	95	90	95						
36	Manikgonj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	162	162	162	162						
37	Manikgonj 35MW Solar PP (Inspectra :)	Solar (IPP)	1x35	35	35	26	0	30	0						
Dhaka Zone Total				5976	5819	2784	3352	3268	3496	776	1072				
38	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	97	131	123	130	99			Low Water Level		
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	0	0	0	0	180			Gas Shortage		
	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	5	0	5	0						
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	25	25	25	25						
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	20	0	20	0						
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	50	50	50	50						
44	Sikalbaha 105 MW PP (Baraka Sikalb	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 CCGP	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	142	143	300	300						
48	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	80	100	100	100						
49	Juldah 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	90	100	100	100						
50	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	68	68	68						
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	18	20						
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			2	24	10	30						
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	0	0						
54	Sikalbaha 54 MW Power Plant(Jodiac 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	84	110	110	110						
56	Juldah unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	80	90	80	90						
57	Chattogram 116 MW PP (Anlima Enerç	HFO (IPP)	6x21.06	116	116	114	114	116	116						
Chattogram Zone Total				2442	2382	1032	1198	1404	1418	279	375				
58	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	0	0	0	0	129			Gas Shortage		
	c) Ashuganj TPP Unit- 5	Gas (APSCL)	1 x 150	150	134	80	130	120	130	4			Gas Shortage		
59	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	23	23	23	23	22			Gas Shortage		
60	Ashuganj 225 MW CCGP	Gas (APSCL)	1x142+1*75	221	221	210	213	215	215						
61	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	300	360	330	360						
62	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	0	0	260	260			360	Under maint.		
63	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	20	53	55	55						
64	Ashuganj 195MW PP (APSCL-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	25	35	35	35						
66	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	120	128	125	128						
67	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	36	50	50	50						
68	Chandpur 150 MW CCGP	Gas (PDB)	1X106+1x57	163	163	135	135	140	140						
69	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	200	200	200	200						
70	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	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	25	25	25	25						
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	21	21	20	21						
75	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	99x1.4+40x1.515+15x1.056	200	200	30	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	98	101	98	101						
78	Bhairob 54 MW PP	HFO (IPP)	3x18.2	54	54										

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	29.08.21 (Yesterday)		30.08.21 (Today)		29.08.21 (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)	Description/ Remarks	Probable start-up date
87	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	44	44	44	44		26	Under maint.	
88	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	42	42	42	42		48	Under maint.	
89	Fenchugonj 51 MW PP (Barakatullah)	Gas (RPP)	19x2.90	51	51	53	50	51	51				
90	Kushiara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
91	Hobiganj 11MW PP Cofidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
92	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	0	0	0	0	66		Gas Shortage	
93	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+1x110	330	330	235	237	235	235				
94	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	83	84	84	84				
95	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	227	220	225	225				
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	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	290	341	341				
100	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	368	387	400	400				
101	Bibiyana South 383 MW CCPP	Gas (PDB)	1x252+1x131	383	383	350	350	350	350				
102	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	0	0	0	0				
Sylhet Zone Total				2422	2377	1938	1930	1998	1998	66	74		
103	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0				
104	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	285	240	300	300	170		Gas Shortage	
105	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	26	0	26				
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	158	0	158				
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	88	88	88	88				
110	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	707	706	720	720				
Khulna Zone Total				2133	2129	1080	1318	1258	1552	170	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	28	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)	1.1x96	95	95	11	11	11	11				
115	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	390	580	622	622				
116	Potuakhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	17	150	150				
117	Bhola 220MW CCPP (Nutan Bidyut BC	Gas/HSD (IPP)	2x75+1x70	220	220	200	218	220	220				
Barishal Zone Total				2046	2046	717	948	1234	1234	0	106		
118	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage	
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage	
119	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	43	43	43				
120	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	189	200	200				
121	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	17	42	40	42				
122	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	0	0				
123	Chapainawabganj 100 MW Peaking PF	HFO (PDB)	12x8.924	104	104	54	94	95	95				
124	Katakhali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	31	30	31				
125	Katakhali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	0	0				
126	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	33	0	33				
127	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	142	126	120	126			STG S/D	
128	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0		220	under maint.	
129	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	197	146	220	220				
130	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	411	421	400	400				
131	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	0	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 (Rajlanka)	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	2	0	6	0				
Rajshahi Zone Total				2179	2179	1109	1436	1465	1501	171	220		
137	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	
138	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	155	154	155	155	120		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	106	113	113	113				
141	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	10				
142	Majipara, Tatulia 8 MW Solar PP (Sympa Power	Solar (IPP)	1 x 8	8	8	3	0	8	0				
Rangpur Zone Total				685	605	264	267	276	288	290	0		
Sub-total: Plants in operation				21694	21280	10869.0	12893	13490	14234	2322	2207		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						10240	12147	12709	13410				
(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(IEL)	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	10869	12893	13490	14234	2322	2207		

(C)	Actual data of 29.08.21 (Yesterday)		Sunday :									
01.	Max. Demand at eve. peak (Generation end)	:	12893.00	MW, at = 21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand at eve. peak (Sub-station end)	:	12147.00	MW, at = 21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	12893.00	MW, at = 21:00 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	9836.00	MW, at = 8:00 hrs	Dhaka	4320	4320	0	Mymensingh	960	960	0
05.	Day-peak Generation (Generation end)	:	10869.00	MW, at = 12:00 hrs	Chattogram	1257	1257	0	Sylhet	540	540	0
06.	Evening-peak Generation (Generation end)	:	12893.00	MW, at = 21:00 hrs	Khulna	1530	1530	0	Barishal	380	380	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs	Rajshahi	1206	1206	0	Rangpur	747	747	0
08.	Minimum Generation Forecast up to 8:00 hrs.	:	9622.00	MW, at = 5:00 hrs	Cumilla	1207	1207	0				
09.	Generation shortfall at evening peak due to :	:							Total	12147	12147	0
	a) Gas limitation	:	1933	MW	13.	Fuel cost :	(a) Gas = 141774779 Taka	(c) Coal = 74248559 Taka				
	d) Coal supply Limitation	:	290	MW			(b) Oil = 730749760 Taka	Total = 946773099 Taka				
	b) Low water level in Kaptai lake	:	99	MW								
	c) Plants under shut down/ maintenance	:	2207	MW	14.	Maximum Temperature in Dhaka was : 32.8° C						
10.	Total Energy (Generation + India Import)	:	269.68	MKWh	15.	Export through East-West interconnections :						
	By Gas = 137.503 MKWH		By Oil = 92.317 MKWh			At evening peak-hour : -188 MW, at 21:00 hrs						
	By Coal = 16.021 MKWH		By Hydro = 2.819 MKWh			Maximum : -304 MW, at 24:00						
	By Solar= 0.601 MKWH					Energy : 1.423 MKWh						
11.	Total Gas Supplied	:	1107.03	MMCFD								

(D)	Forecast of 30.08.21 (Today)		Monday :									
01.	Maximum Demand	:	13000	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	14234	MW (Generation end)	05.	Total Generation : 271.92 MKWh						
03.	Maximum Shortage	:	-1234	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 33.6° C						

* Captive Power ** Imported Power

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

(Faozul Islam Shaker)
Deputy Secretary, Generation