

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564687, 9551095

Month July, 2021		Day : Wednesday				Date : 14.07.21								
Probable Maximum Demand :		13000 MW		Probable Maximum Generation :		15171 MW								
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 80.97 ft		Today = 81.51 ft		Rule Curve = 85.92 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.07.21 (Yesterday)		14.07.21 (Today)		Gen. shortfall for : Gas/water/Coal limitation MW	Machines shut down (MW)	Status of Machines under shut-down/ Maintenance	Description/ Remarks	Probable start-up date	
					Actual Peak		Probable Peak							
					Day	Evening	Day	Evening						
(A) Plants in operation:														
1	Ghorasal Repowered CCGP Unit-3 (GT)	Gas (PDB)	1 x 210	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	Under maint.
3	Ghorasal 365 MW CCGP Unit-7	Gas (PDB)	1x 254-1x 126	365	365	300	300	300	300					
4	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	101	106	100	106					
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 CCGP(HPL)	Gas (IPP)	1x235-1x125	360	360	232	216	300	300	144				Gas Shortage
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140-1x170	450	450	215	220	240	240	230				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 CCGP	Gas (EGCB)	1x273+1x139	412	412	274	273	325	325	139				Gas Shortage
11	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210				Gas Shortage
12	Siddhirgonj 335 MW CCGP	Gas (EGCB)	1 x 217+1x118	335	335	230	230	0	230					
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	100	100	100	100					
14	Meghnaghat CCGP(Summit)	GAS (IPP)	2x110+1x110	305	305	230	230	300	300					
15	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08-1x11.3	55	55	40	55	55	55					
16	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	22	84	84	85					
17	Gaganagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	40	94	100	102					
18	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	15	19	20	20					
19	Summit Power, (Madhab+Ashulia)	Gas (SIPP, PDB)	6x3.07+4x3.73	80	80	49	55	55	55					
20	Maona 33 MW PP(Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33					
21	Ruganaj 33 MW PP(Summit)	Gas (SIPP, PDB)	4x8.73	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	0	105	100	100					
24	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	145	147	150	150					
25	Katpoti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	0	0					
26	Kamalghat 54 MW PP (Barco 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	195	276	250	300					
28	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	88	149	149	149					
29	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	100	300					
30	Bramanganon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85-91x.959	100	100	0	26	100	100					
31	Aushali 100MW PP (Aggreko)	HSD (IPP)	23x0.85-91x.959	100	100	0	52	100	100					
32	Nabaganj 55 MW PP (Southern powe)	HFO (IPP)	3x19.3	55	55	55	0	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	104	104	104	104					
36	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	126	126	126	126					
37	Manikganj 35MW Solar PP (Inspectra)	Solar (IPP)	1x35	35	35	35	0	30	0					
Dhaka Zone Total				5976	5819	2822	3193	3470	3929	723	870			
38	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	81	77	77	77	153				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	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	9	0	20	0					
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x8.89	50	50	26	50	50	50					
44	Sikalbaha 105 MW PP (Baraka Sikalbah)	HFO (IPP)	6x18.415	105	105	90	89	105	105					
45	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	110	110	110	110					
46	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150-1 x 75	225	225	178	220	225	225					
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076-3x8.04	300	300	0	0	200	300					
48	Juldah 100 MW Unit-1 (Accorn)	HFO (QRPP)	8x13.45	100	100	78	92	100	100					
49	Juldah 100 MW PP Unit-3 (Accorn)	HFO (IPP)	8x13.45	100	100	60	100	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	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	21	22	22					
*	Malancha Ctg EPZ (United)	Gas	5x8.73-3x9.34			3	25	10	25					
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	85	110	110	110					
56	Juldah unit-2 (Accorn)	HFO (IPP)	8x13.5	100	100	100	100	100	100					
57	Chattogram 116 MW PP (Antima Ener)	HFO (IPP)	6x21.06	116	116	116	114	116	116					
Chattogram Zone Total				2442	2382	1085	1284	1580	1670	153	180			
58	a) Ashuganj TPP Unit-3	Gas (APSCL)	1 x 150	150	135	80	80	100	100	55				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	0	0	0	0	134				Gas Shortage
59	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	26	26	26	26					
60	Ashuganj 225 MW CCGP	Gas (APSCL)	1x142+175	221	221	182	170	210	210					
61	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	270	335	330	350					
62	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	320	320	350	360					
63	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	54	56	55	55					
64	Ashuganj 195MW PP (APSCL-United)	Gas (IPP)	20'9.73+1'16	195	195	26	8	8	8	187				Gas shortage
65	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	25	34	34	34					
66	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	145	145	150	150					
67	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	50	42	50					
68	Chandpur 150 MW CCGP	Gas (PDB)	1X106-1x57	163	163	90	90	90	90					
69	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	89	179	170	200					
70	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	21	22	22	22					
71	Feni 11 MW PP (Doreen)	Gas (SIPP, PDB)	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	43	43	43	43					
74	Cumilla 25 MW PP (Summit)	Gas (SIPP, PDB)	3x3.67+2x6.97	25	25	15	18	21	21					
75	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	9x14.4x8.135+1x11.08	200	200	0	50	100	200					
76	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7'18.415+1'9.78	114	114	17	70	105	105					
77	Chowmuhani 113 MW	HFO (IPP)	12'9.78+2'3.1	113	113	104	114	113	113					
78	Bhairab 54 MW PP	HFO (IPP)	3x18.2	54	54	36	36	36	36					
**	Impoiti (Tripura)	India		160	160	112	136	148	172					
Cumilla Zone Total				3094	3034	1696	2026	2197	2389	505	0			
79	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	144	150	160	160	52				Gas Shortage
80	Tangai 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	2										

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.07.21 (Yesterday)		14.07.21 (Today)		13.07.21 (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						
87	Fenchuganj CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	43	43	43	43		27	Under maint.		
88	Fenchuganj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30		60	Under maint.		
89	Fenchuganj 51 MW PP (Barakatalah)	Gas (RPP)	19x2.90	51	51	50	53	51	51					
90	Kushara 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	0	0	0	0		163	Under maint.		
91	Hobiganj 11MW PP Confidence-E	Gas (SIPP_REB)	4x2.90	11	11	11	11	11	11					
92	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	61	62	62	63					
93	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+1x110	330	330	162	162	163	163					
94	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	84	84	84	84					
95	Sylhet 225 MW CAPP	Gas (PDB)	1x142+1x89	231	231	218	219	225	225					
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	16	16	16	16					
99	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	290	300	300					
100	Bibiyana-II 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	365	396	400	400					
101	Bibiyana South 383 MW CAPP	Gas (PDB)	1x252+1x131	383	383	390	394	400	400					
102	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	0	0	0	0					
Sylhet Zone Total				2422	2377	1730	1788	1813	1814	0	250			
103	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0					
104	Bheramara 410 MW CAPP	Gas (NWPGL)	1 x 278-1 x 132	410	410	395	395	400	400					
105	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	2	18	0	20					
106	Capalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	8	0	0	60					
107	Khulna 225 MW CAPP	HSD (NWPGL)	1 x 150-1x75	230	230	0	130	0	160					
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 (Onon 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	806	805	830	830					
Khulna Zone Total				2133	2129	1301	1553	1485	1775	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	18	33	25	33					
113	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	86	85	85	86					
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	370	520	622	622					
116	Potakhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	17	0	110					
Bhola Nutan Biddut BD LTD							218	220	220					
Barishal Zone Total				1826	1826	703	886	1073	1192	0	0			
117	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	71			Gas Shortage		
117	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	100			Gas Shortage		
118	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	43	50	50					
119	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200					
120	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	20	46	30	40					
121	Annura 50 MW PP(Siraha)	HFO (QRPP)	7x7.79	50	50	0	0	0	0					
122	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	92	91	95	95					
123	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	23	31	30	40					
124	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	43	43	43	43					
125	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	29	0	41					
126	Sirajgonj 225MW CAPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	150			Gas Shortage, STG S/D		
127	Sirajgonj 225MW CAPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	187	182	210	210					
128	Sirajgonj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	187	189	200	200					
129	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	94	411	400	400					
130	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	21	22	22					
131	Ullapara 11 MW PP (Summit)	Gas (SIPP_REB)	4x2.90	11	11	11	11	11	11					
132	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	52	52	52	52					
133	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6'18.55	113	113	95	95	95	95					
134	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	94	94	94	94					
135	Sirajgonj 6.55 MW Solar	Solar (NWPGL)	1x6	6	6	5	0	6	0					
Rajshahi Zone Total				2179	2179	925	1338	1538	1593	321	0			
136	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	85			Coal Shortage		
136	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	85			Coal Shortage		
137	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	150	150	150			Coal Shortage		
138	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	10					
139	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7'16x 2'3	113	113	106	113	113	113					
140	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	10					
141	Majpara, Tabula 8 MW Solar PP (Sympa Powe)	Solar (IPP)	1 x 8	8	8	3	0	8	0					
Rangpur Zone Total				685	605	259	263	271	283	294	0			
Sub-total: Plants in operation				21474	21060	10878.0	12838	13980	15171	2048	1300			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss														
						10373	12242	13331	14467					
(B) Plants under long term maintenance/ contract expired														
142	Ghorashal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	0	0	0	0	0			Contract Expired on 08/01/2021		
143	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	0	0	0	0	0					
144	Fenchuganj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	0	0	0	0	0			Contract Expired on 14/02/2021		
145	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	0	0	0	0	0			Contract Expired on 04/01/2020		
146	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	0	0	0	0	0			Contract Expired on 12/11/2020		
147	Meghnaghat 100 MW(IEEL)	HFO (QRPP)	12x8.9	100	0	0	0	0	0			Contract Expired on 07/05/2021		
148	Khulna 115 MW PP (KPCL-2)	HFO (QRPP)	7x17	115	0	0	0	0	0			Contract Expired on 31/05/2021		
149	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	0	0	0	0	0			Contract Expired on 28/05/2021		
Sub-Total: Plants under long term maintenance/ contract expired														
				549	0	0	0	0	0	0				
Gross Total				22023	21060	10878	12838	13980	15171	2048	1300			
(C) Actual data of 13.07.21 (Yesterday) Tuesday :														
01.	Max. Demand at eve. peak (Generation end)	:	12838.00	MW,	at =	21:00 hrs								
02.	Max. Demand at eve. peak (Sub-station end)	:	12242.00	MW,	at =	21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand		
03.	Highest Generation (Generation end)	:	12884.00	MW,	at =	22:00 hrs								
04.	Minimum Generation (Generation end)	:	9837.00	MW,	at =	8:00 hrs	Dhaka	4298	0	Mymensingh	1032	0		
05.	Day-peak Generation (Generation end)	:	10878.00	MW,	at =	12:00 hrs	Chattogram	1193	1193	0	Sylhet	481	481	
06.	Evening-peak Generation (Generation end)	:	12838.00	MW,	at =	21:00 hrs	Khulna	1537	1537	0	Barishal	363	363	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	21:00 hrs	Rajshahi	1391	1391	0	Rangpur	774	774	
08.	Minimum Generation Forecast up to 8:00 hrs.	:	9708.00	MW,	at =	5:00 hrs	Cumilla	1173	1173	0				
09.	Generation shortfall at evening peak due to :	:									Total	12242	12242	0
a)	Gas limitation	:	1601	MW										
d)	Coal supply Limitation	:	294	MW										
b)	Low water level in Kaptai lake	:	153	MW										
c)	Plants under shut down/ maintenance	:	1300	MW										
10.	Total Energy (Generation + India Import)	:	273.69	MKWh										
	By Gas =	154.526	MKWh	By Oil =	79.320	MKWh								
	By Coal =	14.934	MKWh	By Hydro =	1.776	MKWh								
	By Solar =	0.724	MKWh											
11.	Total Gas Supplied	:	11890	MMCFD										
(D) Forecast of 14.07.21 (Today) Wednesday :														
01.	Maximum Demand	:	13000	MW	(Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	15171	MW	(Generation end)		05.	Total Generation	:	276.16	MKWh			
03.	Maximum Shortage	:	-2171	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka :	:	34.6° C				

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

(Faouzi Islam Shaker)
Deputy Secretary, Generation