

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564687, 9551095

Month July, 2021		Day: Sunday				Date: 25.07.21							
Probable Maximum Demand :		11500 MW		Probable Maximum Generation :		15089 MW							
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 84.47 ft		Today = 84.52 ft		Rule Curve = 87.84 ft							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	24.07.21 (Yesterday)		25.07.21 (Today)		24.07.21 (Yesterday)		25.07.21 (Today)		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)			
(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 Repowering
	b) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	60	110	110			130	was Under maint.
3	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254-1x 126	365	365	300	300	0	0				
4	Ghorasal 108MW PP (Regent)	Gas (IPP)	3x3.35	108	108	12	96	108	108				
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)	1x235+1x125	360	360	280	337	360	360	23			Gas Shortage
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	240	240	240	240	210			Gas Shortage
9	210 MW Siddhirganj 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	308	364	330	360	48			Gas Shortage
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210			Gas Shortage
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	240	320	335	335				
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	0	0				
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	290	260	300	300				
15	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	0	55	55				
16	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	80	80				
17	Gagnagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	0	0	100	102				
18	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	15	0	15	15				
19	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, PDB)	6x3.07+4x3.73	80	80	31	31	55	55				
20	Maona 33 MW PP(Summit)	Gas (SIPP, PDB)	4x8.73	33	33	28	28	33	33				
21	Ruganaj 33 MW PP(Summit)	Gas (SIPP, PDB)	4x8.73	33	33	12	12	33	33				
22	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	51	52	52				
23	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	50	100	100				
24	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	48	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	0	35	54	54				
27	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	0	270	270				
28	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	0	149	149				
29	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	100	300				
30	Bramanganon 100 MW PP (Aggrako)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100				
31	Aushali 100MW PP (Aggrako)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100				
32	Nababganj 55 MW PP (Southern powe)	HFO (IPP)	3x19.3	55	55	0	0	55	55				
33	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	0	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	0	0	90	104				
36	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	0	17	162	162				
37	Manikganj 33MW Solar PP (Inspectra)	Solar (IPP)	1x35	35	35	4	0	30	0				
Dhaka Zone Total				5976	5819	1760	2249	3571	3837	491	810		
38	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	125	124	123	123	106			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	100	100	100				
40	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	2	0	5	0				
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	8	25	25				
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	12	0	20	0				
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x8.89	50	50	0	0	50	50				
44	Sikalbaha 105 MW PP (Baraka Sikalbah)	HFO (IPP)	6x18.415	105	105	0	105	105	105				
45	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	70	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	Juldah 100 MW Unit-1 (Accorn)	HFO (QRPP)	8x13.45	100	100	0	20	100	100				
49	Juldah 100 MW PP Unit 3 (Accorn)	HFO (IPP)	8x13.45	100	100	0	0	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	20	21	22	22				
*	Malancha Ctg EPZ (United)	Gas	5x8.73+3x9.34			28	42	30	40				
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	30	97	97	97				
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	17	54	54				
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	34	110	110				
56	Juldah unit 2 (Accorn)	HFO (IPP)	8x13.5	100	100	0	0	100	100				
57	Chattogram 116 MW PP (Antima Ener)	HFO (IPP)	6x21.06	116	116	17	116	112	114				
Chattogram Zone Total				2442	2382	404	955	1624	1711	106	225		
58	a) Ashuganj TPP Unit 3	Gas (APSCL)	1 x 150	150	135	80	80	80	80	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	10	26	26	26				
60	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+175	221	221	210	182	210	210				
61	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	305	265	360	360				
62	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	300	260	270	270	100			Under maint.
63	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	10	30	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	5	43	42	43				
66	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	85	150	150				
67	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	50	50				
68	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	87	131	130	130				
69	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	34	170	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, PDB)	4x2.90	11	11	11	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	0	34	40	40				
74	Cumilla 25 MW PP (Summit)	Gas (SIPP, PDB)	3x3.67+2x6.97	25	25	17	21	21	21				
75	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	99x1.4+8x1.95+1x1.08	200	200	0	0	100	200				
76	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7'18.415+1'9.78	114	114	0	109	113	113				
77	Chowmuhani 113 MW	HFO (IPP)	12'9.78+2'3.1	113	113	36	105	113	113				
78	Bhairab 54 MW PP	HFO (IPP)	3x18.2	54	54	17	17	17	17				
**	Impoirt (Tripura)	India		160	160	80	116	138	162				
Cumilla Zone Total				3094	3034	1231	1612	2159	2314	505	100		
79	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	198	204	202	202				
80	Tangal 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	21	21	21				
81	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	8	8	8				
82	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	45	115	115	115				
83	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	158	175	200				
84	Sarishabari 3 MW Solar Plant	Solar (IPP)</											

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	24.07.21 (Yesterday)		25.07.21 (Today)		24.07.21 (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	Day	Evening			
87	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	43	43	43	43		27	Under maint.	
88	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	43	43	43	43		47	Under maint.	
89	Fenchugonj 51 MW PP (Barakattullah)	Gas (RPP)	19x2.90	51	51	8	50	51	51				
90	Kushara 163 MW CCPP (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	0	11	11	11				
92	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	40	61	62	63				
93	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+1x110	330	330	160	161	160	162				
94	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	10	84	84	84				
95	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	171	219	225	225				
96	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	0	18	18	18				
97	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	0	10	10	10				
98	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	0	16	16	16				
99	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	300	341	341				
100	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	340	366	400	400				
101	Bibiyana South 383 MW CCPP	Gas (PDB)	1x252+1x131	383	383	325	360	400	400				
102	Shahjibazar 100 MW GTTP	Gas (PDB)	1x100	100	100	0	0	0	0				
Sylhet Zone Total					2422	2377	1450	1742	1864	1867	0	237	
103	Bheramara GTTP 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	270	405	360	400				
105	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	16	0	20				
106	Capalaganj 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	40	0	160				
108	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	50	50	100				
109	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	105	105	105				
110	Madhumat 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	784	783	801	801				
Khulna Zone Total					2133	2129	1054	1399	1416	1746	0	0	
111	Barsal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	110	110	110				
112	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	25	31	33	33				
113	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	0	0	0	0		194	Under maint.	
114	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	13	77	66	76				
115	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	270	370	622	622				
116	Potukhali 150MW PP (JUPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	0	110	110				
117	Bhola 220MW CCPP (Nutan Bidyut BC)	Gas/HSD (IPP)	2x75+1x70	220	220	120	220	220	220				
Barishal Zone Total					2046	2046	428	698	1161	1171	0	194	
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	70	70	0	0		30	Gas Shortage	
119	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	50	50				
120	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
121	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	20	20				
122	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	0	0				
123	Chapanawabaganj 100 MW Peaking PI	HFO (PDB)	12x8.924	104	104	0	94	95	95				
124	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	22	30	30				
125	Katakhal 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	34	0	34				
127	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0		150	Gas Shortage, STG S/D	
128	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	162	156	200	200				
129	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	178	208	200	200				
130	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	337	341	400	400				
131	Bogra 22 MW PP (SBB)	Gas (RPP)	6x4.0	22	22	5	21	22	22				
132	Lillapara 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	0	52	52	52				
134	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	90	113	113				
135	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	0	90	90				
136	Sirajgonj 6.55 MW Solar	Solar (NWPGL)	1x6	6	6	4	0	6	0				
Rajshahi Zone Total					2179	2179	764	1099	1489	1517	251	0	
137	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	72	75	75	75		10	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	150	150	150	150		124	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	0	113	113	113				
141	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	10				
142	Majpara, Tabula 8 MW Solar PP (Sympa Powe)	Solar (IPP)	1 x 8	8	8	4	0	8	0				
Rangpur Zone Total					685	605	226	338	346	358	219	0	
Sub-total: Plants in operation					21694	21280	7609.0	10620	14225	15089	1572	1566	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							7173	10012	13410	14225			
(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 (Energysigma)	Gas (RPP)	5x3.3+5x2.0	20	0	0	0	0	0			Contract Expired on 12/11/2020	
145	Maghmaghat 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	7609	10620	14225	15089	1572	1566	
(C) Actual data of 24.07.21 (Yesterday) Saturday :													
01.	Max. Demand at eve. peak (Generation end)	:	10620.00	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)	:	10012.00	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)	:	10637.00	MW, at =	22:00 hrs	Dhaka	2796	2796	0	Mymensingh	984	984	0
04.	Minimum Generation (Generation end)	:	7334.00	MW, at =	9:00 hrs	Chattogram	847	847	0	Sylhet	480	480	0
05.	Day-peak Generation (Generation end)	:	7609.00	MW, at =	12:00 hrs	Khulna	1443	1443	0	Barishal	272	272	0
06.	Evening-peak Generation (Generation end)	:	10620.00	MW, at =	21:00 hrs	Rajshahi	1223	1223	0	Rangpur	835	835	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	21:00 hrs	Cumilla	1132	1132	0				
08.	Minimum Generation Forecast up to 8.00 hrs.	:	7807.00	MW, at =	5:00 hrs					Total	10012	10012	0
09.	Generation shortfall at evening peak due to :	:				13.	Fuel cost :	a) Gas = 154278811 Taka	(c) Coal = 69598160 Taka				
	a) Gas limitation	:	1247	MW			b) Oil = 142282473 Taka	Total = 366159445 Taka					
	d) Coal supply Limitation	:	219	MW									
	b) Low water level in Kapta lake	:	106	MW									
	c) Plants under shut down/ maintenance	:	1566	MW									
10.	Total Energy (Generation + India Import)	:	210.42	MKW/h		14.	Maximum Temperature in Dhaka was :	31.1° C					
	By Gas = 147.619 MKWh			By Oil = 23.695 MKWh		15.	Export through East-West interconnections :						
	By Coal = 14.325 MKWh			By Hydro = 2.841 MKWh			At evening peak-hour	: -440	MW, at	21:00 hrs			
	By Solar = 0.609 MKWh						Maximum	: -584	MW, at	19:30 hrs			
11.	Total Gas Supplied	:	1142.57	MMCFD			Energy	: 2.14631	MKW/h				
(D) Forecast of 25.07.21 (Today) Sunday :													
01.	Maximum Demand	:	11500	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	15089	MW	(Generation end)	05.	Total Generation	:	227.50	MKW/h			
03.	Maximum Shortage	:	-3589	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	33.5° C				

#Remarks : Highest Generation 13792 MW on 27.04.2021 at 20:00

(Fazul Islam Shaker)
Deputy Secretary, Generation