

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564687, 9551095

Month July, 2021		Day: Monday				Date: 26.07.21					
Probable Maximum Demand :		12200 MW		Probable Maximum Generation :		15180 MW					
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 84.52 ft		Today = 84.58 ft		Rule Curve = 88.00 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	25.07.21 (Yesterday)		26.07.21 (Today)		25.07.21 (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)	
(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	110	110	110	110		
3	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254-1x 126	365	365	145	0	0	0	365	Under maint.
4	Ghorasal 108MW PP (Regent)	Gas (IPP)	3x3.35	108	108	78	90	90	90		
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	300	345	360	360	15	Gas Shortage
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	374	356	330	360	56	Gas Shortage
11	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	40	60	210	Gas Shortage
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	250	300	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	295	280	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	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	18	20		
19	Summit Power, (Madhabd+Ashulia)	Gas (SIPP, PDB)	6x3.07+4x3.73	80	80	35	34	35	35		
20	Maona 33 MW PP(Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	25	25	25		
21	Rupganj 33 MW PP(Summit)	Gas (SIPP, PDB)	4x8.73	33	33	20	20	20	21		
22	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	32	52	52		
23	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	34	100	100		
24	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	150	150		
25	Katpoti 52 MW PP (Sirha)	HFO (IPP)	7x7.90	51	51	0	0	0	0		
26	Kamalghat 54 MW PP (Barco Energy)	HFO (IPP)	3x18.69	54	54	0	54	54	54		
27	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	15	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	17	55	55		
33	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	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	0	35	90	104		
36	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	0	72	162	162		
37	Manikganj 33MW Solar PP (Inspectra)	Solar (IPP)	1x35	35	35	32	0	30	0		
Dhaka Zone Total				5976	5819	1923	2133	3555	3844	491	1045
38	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	125	121	120	121	109	Low Water Level
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	95	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	7	5	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	8	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	17	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	Juldah 100 MW Unit-1 (Accorn)	HFO (QRPP)	8x13.45	100	100	10	0	100	100		
49	Juldah 100 MW PP Unit-3 (Accorn)	HFO (IPP)	8x13.45	100	100	0	60	100	100		
50	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	51	51	51		
51	Hafazzari 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	21	21	22	22		
*	Malancha Ctg EPZ (United)	Gas	5x8.73-3x9.34			42	42	30	40		
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	62	97	97	97		
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	0	108	110	110		
56	Juldah unit-2 (Accorn)	HFO (IPP)	8x13.5	100	100	0	50	100	100		
57	Chattogram 116 MW PP (Antima Ener)	HFO (IPP)	6x21.06	116	116	17	116	112	116		
Chattogram Zone Total				2442	2382	642	1119	1641	1731	109	225
58	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	80	100	80	80	35	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	23	23	20	23		
60	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+175	221	221	203	212	210	210		
61	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	290	295	360	360		
62	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	295	285	270	270	75	Under maint.
63	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	30	55	55	55		
64	Ashuganj 195MW PP (APSCL-United)	Gas (IPP)	20'9.73+1'16	195	195	8	45	16	16	150	Gas shortage
65	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	10	43	42	43		
66	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	123	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	137	136	130	136		
69	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	85	170	200		
70	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	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	0	16	40	40		
74	Cumilla 25 MW PP (Summit)	Gas (SIPP, PDB)	3x3.67+2x6.97	25	25	20	21	21	21		
75	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	99x1.4-8x1.35+19x1.08	200	200	0	0	100	200		
76	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7'18.415+1'9.78	114	114	17	17	113	113		
77	Chowmuhani 113 MW	HFO (IPP)	12'9.78+2'3.1	113	113	8	104	113	113		
78	Bhairab 54 MW PP	HFO (IPP)	3x18.2	54	54	17	17	17	17		
**	Impoirt (Tripura)	India		160	160	106	140	138	162		
Cumilla Zone Total				3094	3034	1304	1783	2161	2325	448	75
79	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	198	202	202	202		
80	Tangal 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	75	115	115	115		
83	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	8	193	175	200		
84	Sarishabari 3 MW Solar Plant	Solar (IPP)	1x3	3	3	2	0	1.6	0		
85	Sutikhali 50 MW Solar PP	Solar (IPP)	1x50	50	50	22	0	50	0		
86	Tangal 22 MW PP(PPGL)	HFO (IPP)	4x6.7	22	22	0	24	22	22		
Mymensing Zone Total				717	709	334	563	595	568	0	0

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	25.07.21 (Yesterday)		26.07.21 (Today)		25.07.21 (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 CAPP Phase-1	Gas	(PDB)	2x32+1x33	97	70	43	44	43	44			26	Under maint.		
88	Fenchugonj CAPP Phase-2	Gas	(PDB)	2x35+1x35	104	90	42	43	43	43			47	Under maint.		
89	Fenchugonj 51 MW PP (Barakattullah)	Gas	(RPP)	19x2.90	51	51	14	47	51	51						
90	Kushara 163 MW CAPP (KP)	Gas	(IPP)	1x109+1x54	163	163	0	0	0	0			163	Under maint.		
91	Hohiganj 11MW PP Confidence-E	Gas	(SIPP, REB)	4x2.90	11	11	11	11	11	11						
92	Shahjibazar GTTP Unit- 8 & 9	Gas	(PDB)	2x35	70	66	40	59	60	60						
93	Shahjibazar 330 MW CAPP	Gas	(PDB)	2x110+1x110	330	330	158	183	180	180						
94	Shahjibazar 86MW PP (Shahjibazar)	Gas	(RPP)	32x2.90	86	86	10	84	84	84						
95	Sylhet 225 MW CAPP	Gas	(PDB)	1x142+1x89	231	231	219	218	225	225						
96	Sylhet 20 MW GTTP	Gas	(PDB)	1 x 20	20	20	18	18	18	18						
97	Sylhet 10MW PP (Desh)	Gas	(RPP)	6x1.95	10	10	10	9	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	305	310	341	341						
100	Bibiyana-III 400 MW CAPP	Gas	(PDB)	1x285+1x115	400	400	401	386	400	400						
101	Bibiyana South 383 MW CAPP	Gas	(PDB)	1x252+1x131	383	383	350	390	400	400						
102	Shahjibazar 100 MW GTTP	Gas	(PDB)	1x100	100	100	0	0	0	0						
Sylhet Zone Total							2422	2377	1637	1618	1882	1883	0	236		
103	Bheramara GTTP 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	250	396	360	400						
105	Faridpur 50 MW Peaking PP	HFO	(PDB)	8x6.98	54	54	0	0	0	20						
106	Capalaganj 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	85	25	160						
108	Noapara 100 MW PP (Bangla Trac)	HSD	(IPP)	70x1.44+7x1.515	100	100	20	100	50	100						
109	Rupsha 105 MW PP (Orion rupsha)	HFO	(IPP)	6x18.445	105	105	105	105	105	105						
110	Madhumat 100 MW PP	HFO	(NWPGL)	6x18.415	105	105	0	100	100	100						
**	Bheramara (HVDC)	India			1000	1000	786	786	801	801						
Khulna Zone Total							2133	2129	1161	1472	1441	1746	0	0		
111	Barsal 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	25	32	33	33						
113	Bhola 225 MW CAPP	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	12	86	80	86						
115	Payra 1320 MW TPP	Coal	(BCPCL)	2x622	1244	1244	300	500	622	622						
116	Potukhali 150MW PP (JUPPL)	HFO	(IPP)	8x18.415+1x9.78	150	150	0	90	90	90						
117	Bhola 220MW CAPP (Nutan Bidyut BC)	Gas/HSD	(IPP)	2x75+1x70	220	220	160	219	220	220						
Barishal Zone Total							2046	2046	497	927	1155	1161	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	0	80	70	80			20		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	40	95	95						
124	Katakhal 50 MW Peaking PP	HFO	(PDB)	6x8.7	50	50	0	39	30	40						
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	25	0	34						
127	Sirajgonj 225MW CAPP Unit-1	Gas	(NWPGL)	1x150+1x75	210	210	0	0	0	0			150		Gas Shortage, STG S/D	
128	Sirajgonj 225MW CAPP Unit-2	Gas	(NWPGL)	1x150 + 1x75	220	220	174	177	200	200						
129	Sirajgonj 225MW CAPP Unit-3	Gas	(NWPGL)	1x141+1x79	220	220	176	172	200	200						
130	Sirajgonj 400 MW CAPP Unit-4	Gas	(IPP)	1x282+1x132	414	414	340	346	400	400						
131	Bogra 22 MW PP (GBB)	Gas	(RPP)	6x4.0	22	22	22	22	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	43	43	43						
134	Bagura 113 MW PP (Confidence) Unit-1	HFO	(IPP)	6*18.55	113	113	0	95	95	95						
135	Bagura 113 MW PP (Confidence) Unit-2	HFO	(IPP)	6x18.55	113	113	0	90	90	90						
136	Sirajgonj 6.55 MW Solar	Solar	(NWPGL)	1x6	6	6	5	0	6	0						
Rajshahi Zone Total							2179	2179	725	1140	1532	1580	241	0		
137	a) Barapukuria TPP Unit-1	Coal	(PDB)	1 x 125	125	85	73	72	75	75					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	149	161	150	150			113		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	97	95	97						
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	6	0	8	0						
Rangpur Zone Total							685	605	228	330	328	342	211	0		
Sub-total: Plants in operation							21694	21280	8451.0	11285	14290	15180	1500	1775		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss									7975	10649	13484	14324				
(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	0	0		
Gross Total							22031	21280	8451	11285	14290	15180	1500	1775		
(C) Actual data of 25.07.21 (Yesterday) Sunday :																
01.	Max. Demand at eve. peak (Generation end)				11285.00	MW, at =	21:00 hrs									
02.	Max. Demand at eve. peak (Sub-station end)				10649.00	MW, at =	21:00 hrs									
03.	Highest Generation (Generation end)				11332.00	MW, at =	22:00 hrs									
04.	Minimum Generation (Generation end)				7807.00	MW, at =	8:00 hrs									
05.	Day-peak Generation (Generation end)				8451.00	MW, at =	12:00 hrs									
06.	Evening-peak Generation (Generation end)				11285.00	MW, at =	21:00 hrs									
07.	Evening Peak Load-shed (Sub-station end)				0.00	MW, at =	21:00 hrs									
08.	Minimum Generation Forecast up to 8.00 hrs.				8322.00	MW, at =	5:00 hrs									
09.	Generation shortfall at evening peak due to :															
	a) Gas limitation				1180	MW										
	d) Coal supply Limitation				211	MW										
	b) Low water level in Kapati lake				109	MW										
	c) Plants under shut down/ maintenance				1775	MW										
10.	Total Energy (Generation + India Import)				225.50	MKWh										
	By Gas =	155.290	MKWh	By Oil =	29.658	MKWh										
	By Coal =	15.268	MKWh	By Hydro =	2.846	MKWh										
	By Solar =	0.656	MKWh													
11.	Total Gas Supplied				1210.91	MMCFD										
								Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
								Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW		
								2926	2926	0	Mymensingh	1003	1003	0		
								971	971	0	Sylhet	501	501	0		
								1535	1535	0	Barishal	393	393	0		
								1304	1304	0	Rangpur	820	820	0		
								1196	1196	0	Cumilla					
								Total 10649 10649 0								
								13. Fuel cost: (a) Gas = 166854237 Taka (c) Coal = 73749056 Taka (b) Oil = 187334644 Taka Total = 427938137 Taka								
								14. Maximum Temperature in Dhaka was : 34° C								
								15. Export through East-West interconnections : At evening peak-hour : -414 MW, at 21:00 hrs Maximum : -506 MW, at 23:00 hrs Energy : 5.4335 MKWh								
(D) Forecast of 26.07.21 (Today) Monday :																
01.	Maximum Demand				12200	MW										