

GW 87	
Air Density:	1.22kg m ⁻³
Turbulence Intensity:	13%
Wind Speed	Power Output
(m/s)	(kW)
3.0	28
3.5	60
4.0	99
4.5	147
5.0	203
5.5	273
6.0	358
6.5	458
7.0	571
7.5	706
8.0	852
8.5	1005
9.0	1163
9.5	1296
10.0	1389
10.5	1451
11.0	1478
11.5	1487
12.0	1495
12.5	1500
13.0	1500
13.5	1500
14.0	1500
14.5	1500
15.0	1500
15.5	1500
16.0	1500
16.5	1500
17.0	1500
17.5	1500
18.0	1500
18.5	1500
19.0	1500
19.5	1500
20.0	1500
20.5	1500
21.0	1500
21.5	1500
22.0	1500

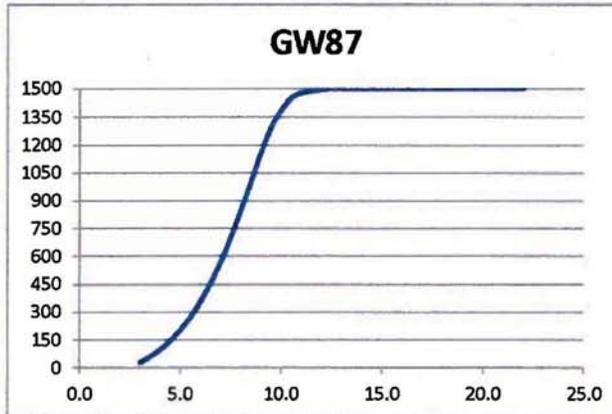


Table 2 – Wind Speed Distribution

Mean Wind Speed Bin Center (m/s)	Wind Speed Distribution (hr)
0	28.3
1	359.3
2	671.4
3	731.5
4	767.7
5	819.9
6	889.9
7	919.5
8	903.2
9	825.5
10	654.2
11	472.3
12	318.8
13	203.1
14	98.2
15	49.7
16	26.1
17	15.9
18	7.4
19	2.8
20	0.9
21	0.2
22	0.0
23	0.0
24	0.0
25	0.0
26	0.0
27	0.0
28	0.0
29	0.0
30	0.0
31	0.0
32	0.0
33	0.0
34	0.0
35	0.0
36	0
37	0
38	0

39	0
40	0
41	0
42	0
43	0
44	0
45	0
46	0
47	0
48	0
49	0