

Frequency Tabulation for Wind_MW

Class	Lower Limit	Upper Limit	Midpoint	Frequency	Relative Frequency	Cumulative Frequency	Cum. Rel. Frequency
at or below	0						0.0002
1	0	100.	50.0	635	0.1539	636	0.1541
2	100	200.	150.	531	0.1287	1167	0.2828
3	200	300.	250.	524	0.1270	1691	0.4097
4	300	400.	350.	417	0.1010	2108	0.5108
5	400	500.	450.	349	0.0846	2457	0.5953
6	500	600.	550.	295	0.0715	2752	0.6668
7	600	700.	650.	236	0.0572	2988	0.7240
8	700	800.	750.	245	0.0594	3233	0.7834
9	800	900.	850.	179	0.0434	3412	0.8268
10	900	1.E3	950.	161	0.0390	3573	0.8658
11	1000	1.1E3	1.05E3	178	0.0431	3751	0.9089
12	1100	1.2E3	1.15E3	141	0.0342	3892	0.9431
13	1200	1.3E3	1.25E3	98	0.0237	3990	0.9668
14	1300	1.4E3	1.35E3	68	0.0165	4058	0.9833
15	1400	1.5E3	1.45E3	51	0.0124	4109	0.9956
16	1500	1.6E3	1.55E3	18	0.0044	4127	1.0000
17	1600	1.7E3	1.65E3	0	0.0000	4127	1.0000
18	1700	1.8E3	1.75E3	0	0.0000	4127	1.0000
19	1800	1.9E3	1.85E3	0	0.0000	4127	1.0000
20	1900	2.E3	1.95E3	0	0.0000	4127	1.0000
above		2000		0	0.0000	4127	1.0000

Mean = 487. Standard deviation = 381.

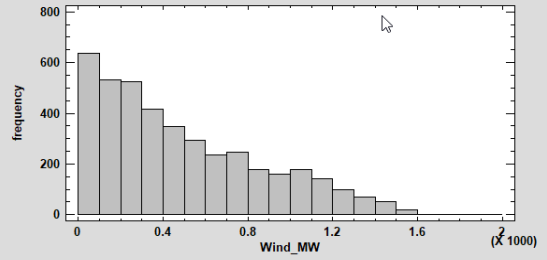
Percentiles for Wind_MW

	Percentiles
1.0%	6.66667
5.0%	37.25
10.0%	66.3333
25.0%	169.833
50.0%	382.083
75.0%	740.083
90.0%	1078.67
95.0%	1222.5
99.0%	1449.75

The StatAdvisor

This pane shows sample percentiles for Wind_MW. The percentiles are values below which specific percentages of the data are found selecting Quantile Plot from the list of Graphical Options.

Histogram of Night Hour Wind Energy Output



Normal Probability Plot of NYS Total Wind Generation Night Hours

