

**Northwestern School Corporation**  
**Monthly Wind Turbine Production Report**  
**November 2017**

In November 2017 the turbine electric production was **169,543.00 kWh**. On the electric bill we received in November for the main campus the average cost per kWh was **\$0.0967**, therefore the November production resulted in an approximate **\$16,394.80 reduction** in our electric bills.

**Compared to Past years**

November	2016	147,170.00 kWh
November	2015	225,477.00 kWh

# MONTHLY PERFORMANCE REPORT

***November - 2017***

Prepared For

**NorthWestern School Corporation**

*Ryan Snoddy, Superintendent of NorthWestern School Corporation*

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*Prepared & Submitted by:*

**PowerGrid Partners**

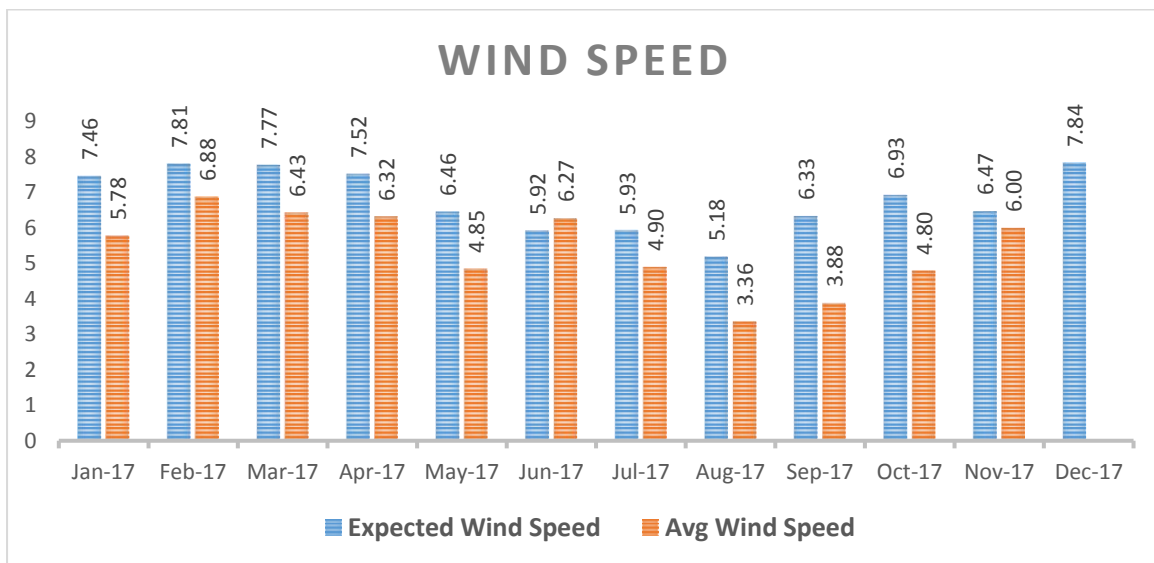
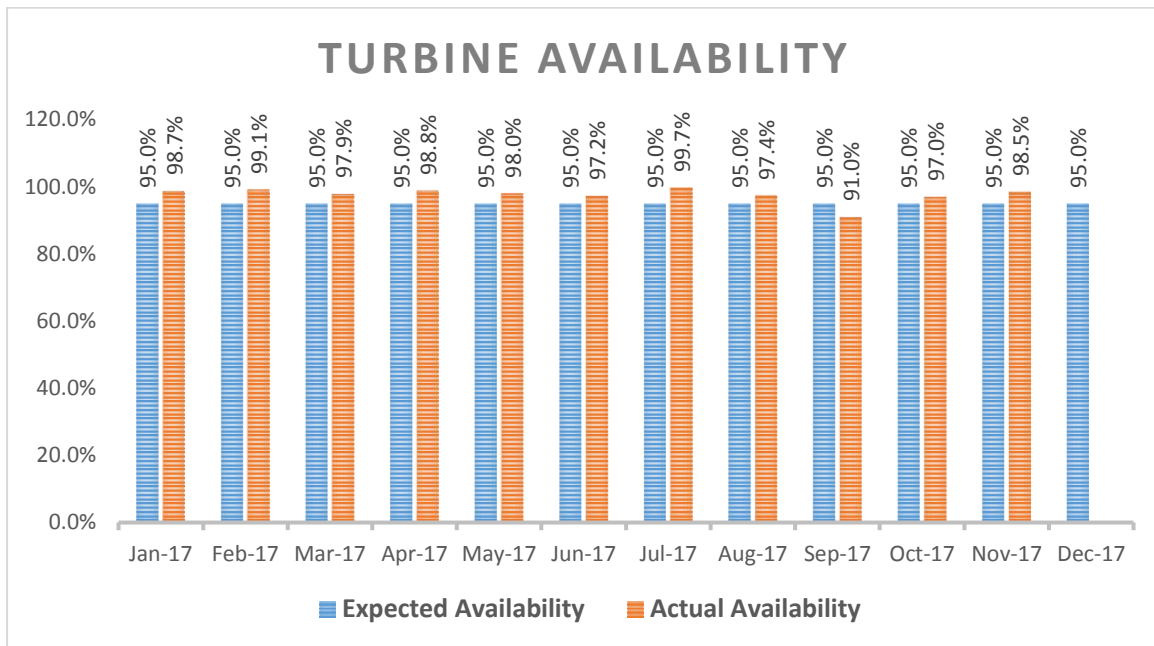
Global Green Energy Solutions

[www.powergridpartners.com](http://www.powergridpartners.com)

<b>Wind Speed</b>	6.00	m/s
<b>Availability</b>	98.52	%
<b>Monthly Production</b>	169,543.00	kWh

Date	Availability	Wind Speed	Production	Comments
01-Nov-17	99.99 %	5.4 m/s	2653 kWh	n/a
02-Nov-17	100 %	8.8 m/s	9991 kWh	n/a
03-Nov-17	100 %	4.9 m/s	2684 kWh	n/a
04-Nov-17	100 %	6.3 m/s	3879 kWh	n/a
05-Nov-17	98.06 %	3.2 m/s	4056 kWh	n/a
06-Nov-17	100 %	5.9 m/s	3160 kWh	n/a
07-Nov-17	89.99 %	1.9 m/s	1873 kWh	n/a
08-Nov-17	100 %	0.6 m/s	799 kWh	n/a
09-Nov-17	100 %	6.9 m/s	7044 kWh	n/a
10-Nov-17	99.84 %	4.8 m/s	2437 kWh	n/a
11-Nov-17	95.68 %	2.6 m/s	1827 kWh	n/a
12-Nov-17	96.7 %	3.2 m/s	593 kWh	n/a
13-Nov-17	99.84 %	0.3 m/s	356 kWh	n/a
14-Nov-17	100 %	5.8 m/s	3213 kWh	n/a
15-Nov-17	87.43 %	6.2 m/s	5635 kWh	n/a
16-Nov-17	94.06 %	6.1 m/s	5663 kWh	n/a
17-Nov-17	100 %	8 m/s	8206 kWh	n/a
18-Nov-17	99.95 %	9.9 m/s	12696 kWh	n/a
19-Nov-17	100 %	9.2 m/s	10895 kWh	n/a
20-Nov-17	100 %	10.3 m/s	14099 kWh	n/a
21-Nov-17	100 %	10.8 m/s	15624 kWh	n/a
22-Nov-17	100 %	1.2 m/s	1048 kWh	n/a
23-Nov-17	98.21 %	4.6 m/s	2562 kWh	n/a
24-Nov-17	100 %	9.1 m/s	9114 kWh	n/a
25-Nov-17	100 %	8.5 m/s	8772 kWh	n/a
26-Nov-17	97.56 %	4.7 m/s	2400 kWh	n/a
27-Nov-17	100 %	7.4 m/s	6022 kWh	n/a
28-Nov-17	100 %	10.7 m/s	14697 kWh	n/a
29-Nov-17	100 %	5.3 m/s	2150 kWh	n/a
30-Nov-17	98.28 %	7.4 m/s	5395 kWh	n/a

Note: ALL THE DATA IS REPORTED BY THE TURBINE CONTROL SYSTEM



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**DOWNTIME EXPLANATION (For availability less than 75%)**

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n/a.

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