

Northwestern School Corporation
Monthly Wind Turbine Production Report
January 2017

In January 2017 the turbine electric production was **195,134.50 kWh**. On the electric bill we received in January for the main campus the average cost per kWh was **\$0.0980**, therefore the January production will result in an approximate **\$ 19,123.18 reduction** in our electric bills.

COMPARED TO PREVIOUS YEARS

JANUARY 2016	196,351 kWh
JANUARY 2015	232,940 kWh

MONTHLY PERFORMANCE REPORT

JANUARY- 2017

Prepared For

North Western School Corporation

*Blaan Snoddy, Superintendent of Northwestern School Corporation
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Prepared & Submitted by:

PowerGrid Partners

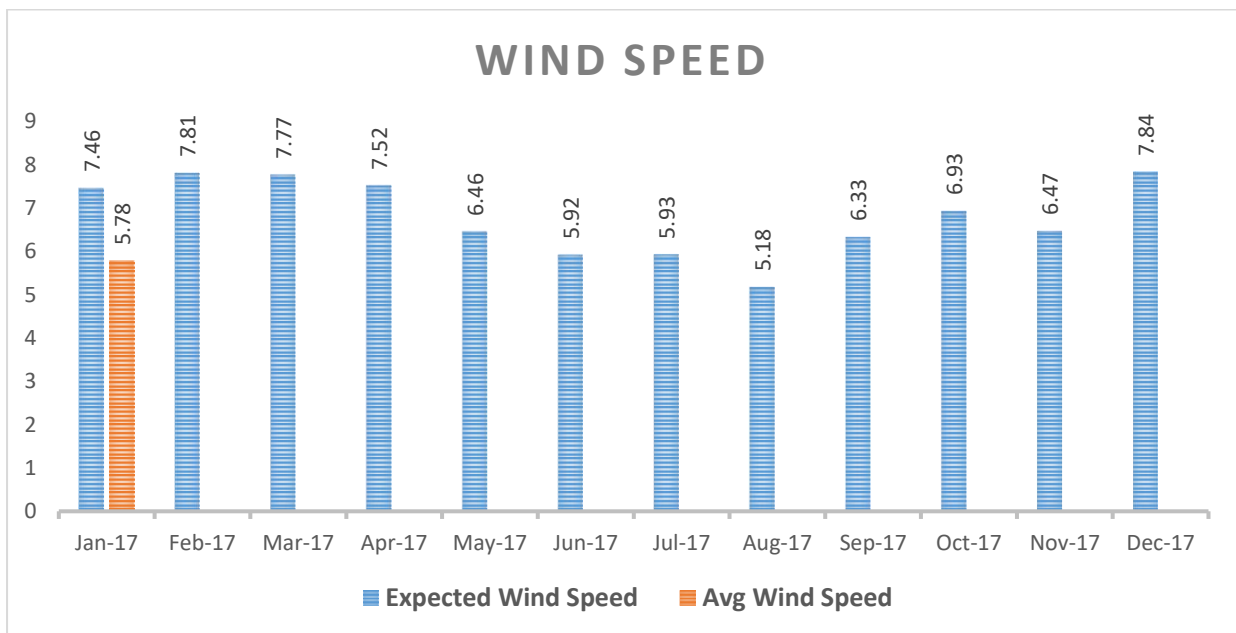
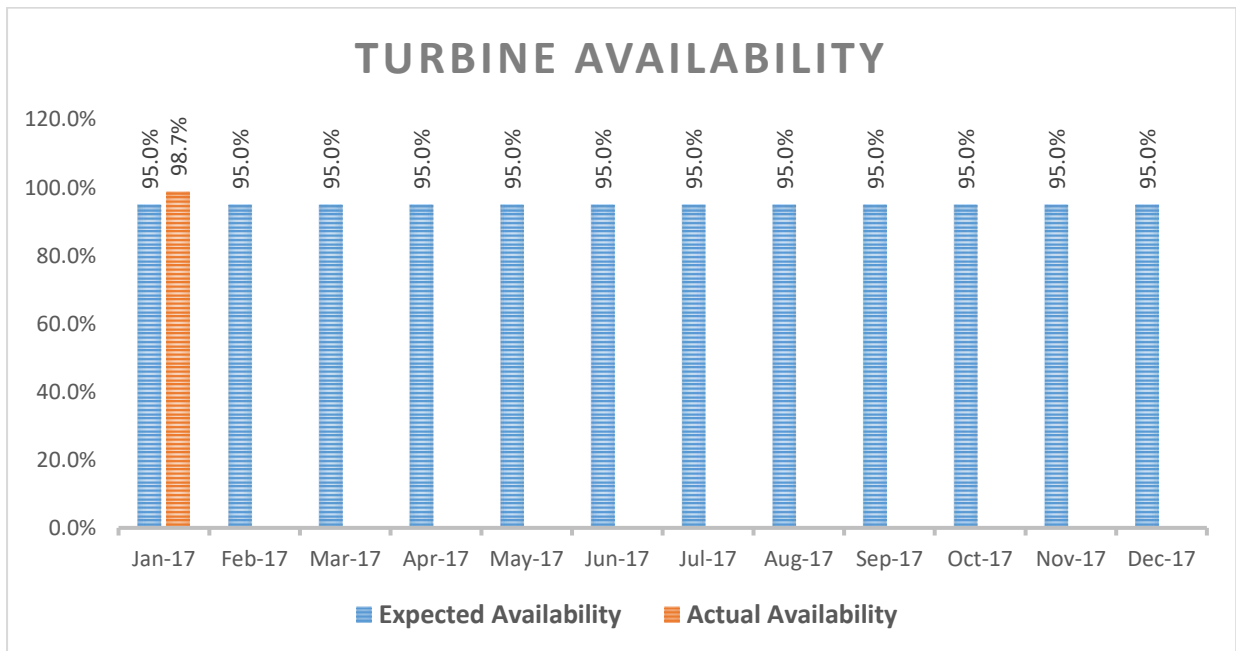
Global Green Energy Solutions

www.powergridpartners.com

Wind Speed	5.78	m/s
Availability	98.72	%
Monthly Production	195,134.50	kWh

Date	Availability	Wind Speed	Production	Comments
01-Jan-17	100 %	3.9 m/s	1378 kWh	n/a
02-Jan-17	94.66 %	1.9 m/s	2497.5 kWh	n/a
03-Jan-17	100 %	5.5 m/s	4011 kWh	n/a
04-Jan-17	100 %	11.9 m/s	18723.5 kWh	n/a
05-Jan-17	100 %	6.5 m/s	4286 kWh	n/a
06-Jan-17	100 %	5.7 m/s	2829 kWh	n/a
07-Jan-17	100 %	6.4 m/s	4181 kWh	n/a
08-Jan-17	100 %	5.8 m/s	3620 kWh	n/a
09-Jan-17	100 %	9.1 m/s	10869.5 kWh	n/a
10-Jan-17	98.64 %	0 m/s	18172 kWh	n/a
11-Jan-17	100 %	10.4 m/s	14093.5 kWh	n/a
12-Jan-17	99.97 %	7.1 m/s	5625 kWh	n/a
13-Jan-17	100 %	5.5 m/s	2733.5 kWh	n/a
14-Jan-17	100 %	3.9 m/s	1336 kWh	n/a
15-Jan-17	100 %	3 m/s	195 kWh	n/a
16-Jan-17	100 %	5.4 m/s	2549 kWh	n/a
17-Jan-17	100 %	9.5 m/s	11584 kWh	n/a
18-Jan-17	100 %	6.8 m/s	4997.5 kWh	n/a
19-Jan-17	100 %	5.1 m/s	2420 kWh	n/a
20-Jan-17	100 %	5.8 m/s	3588 kWh	n/a
21-Jan-17	96.67 %	2.1 m/s	4655 kWh	n/a
22-Jan-17	98.17 %	4.7 m/s	1820 kWh	n/a
23-Jan-17	99.28 %	6.6 m/s	6534.5 kWh	n/a
24-Jan-17	100 %	5 m/s	2027.5 kWh	n/a
25-Jan-17	99.17 %	2 m/s	7736.5 kWh	n/a
26-Jan-17	91.96 %	10.8 m/s	14468 kWh	n/a
27-Jan-17	100 %	9.4 m/s	11498.5 kWh	n/a
28-Jan-17	99.73 %	3.2 m/s	9450.5 kWh	n/a
29-Jan-17	100 %	5.9 m/s	3109.5 kWh	n/a
30-Jan-17	100 %	6.9 m/s	5109 kWh	n/a
31-Jan-17	82.13 %	3.4 m/s	9036.5 kWh	Grid Disturbance

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



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DOWNTIME EXPLANATION (For availability less than 75%)

n/a.

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