

Northwestern School Corporation
Monthly Wind Turbine Production Report
March 2017

In March 2017 the turbine electric production was **208,425.50kWh**. On the electric bill we received in March for the main campus the average cost per kWh was **\$0.0996**, therefore the March production will result in an approximate **\$20,759.18 reduction** in our electric bills. Part of this reduction will come from power we produced and used. The other part of the reduction will come from a credit on our electric bill.

COMPARED TO PREVIOUS YEARS

March 2016	<u>160,285 kWh</u>
March 2015	<u>151,404 kWh</u>

MONTHLY PERFORMANCE REPORT-Mar-2017

MARCH - 2017

Prepared For

North Western School Corporation

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

PowerGrid Partners

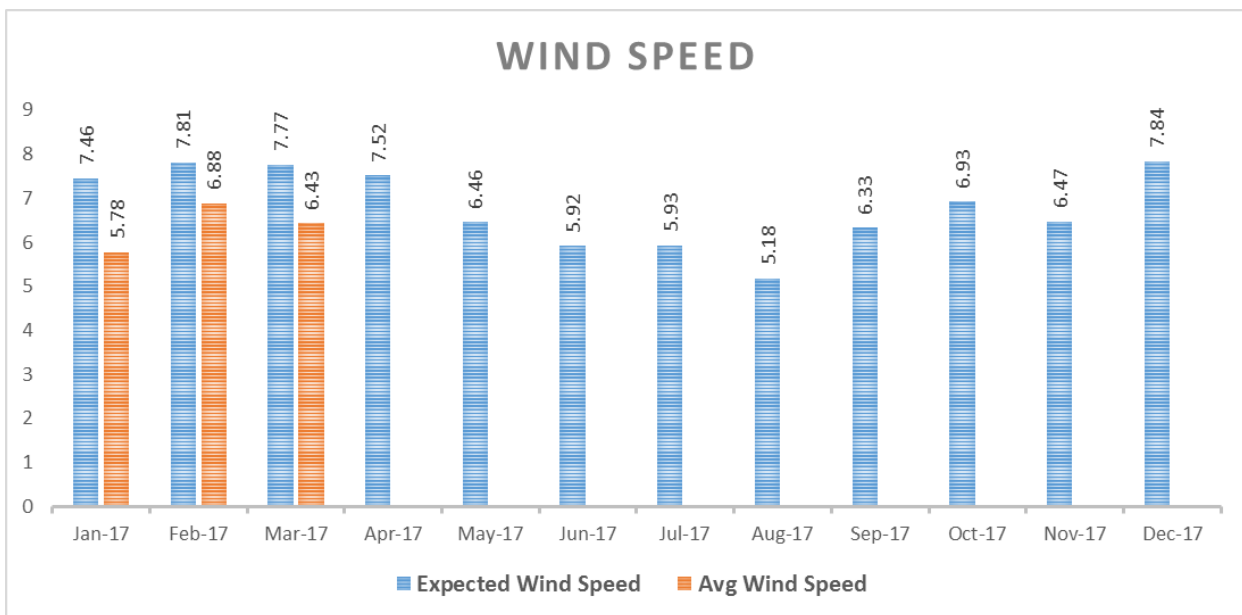
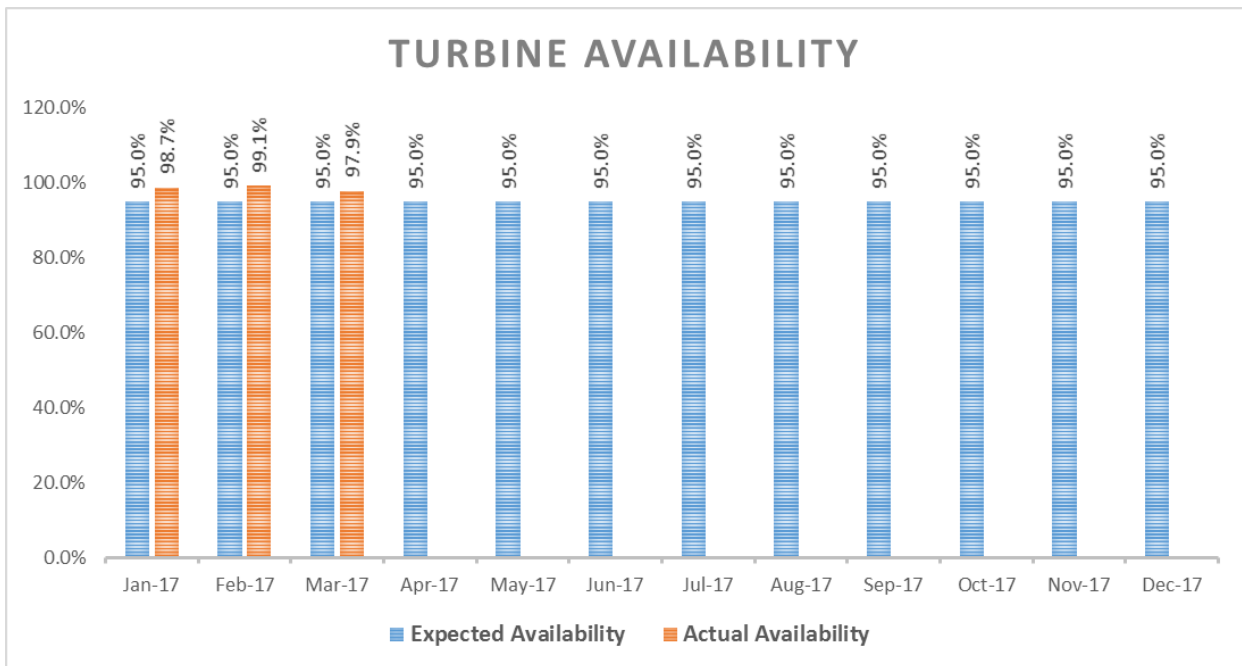
Global Green Energy Solutions

www.powergridpartners.com

Wind Speed	6.43	m/s
Availability	97.86	%
Monthly Production	208,425.50	kWh

Date	Availability	Wind Speed	Production	Comments
01-Mar-17	90.21 %	11.6 m/s	14639 kWh	n/a
02-Mar-17	97.84 %	8.2 m/s	8195.5 kWh	n/a
03-Mar-17	100 %	6.3 m/s	5491 kWh	n/a
04-Mar-17	100 %	6.7 m/s	7206.5 kWh	n/a
05-Mar-17	98.77 %	6.3 m/s	10733.5 kWh	n/a
06-Mar-17	100 %	11.1 m/s	16252 kWh	n/a
07-Mar-17	94.19 %	11.4 m/s	14709.5 kWh	n/a
08-Mar-17	100 %	12.4 m/s	15880 kWh	n/a
09-Mar-17	98.03 %	3.7 m/s	2223.5 kWh	n/a
10-Mar-17	99.98 %	8.4 m/s	8940.5 kWh	n/a
11-Mar-17	99.95 %	4.6 m/s	1946.5 kWh	n/a
12-Mar-17	100 %	3.7 m/s	845.5 kWh	n/a
13-Mar-17	98.33 %	5.2 m/s	4054.5 kWh	n/a
14-Mar-17	100 %	7.2 m/s	6174.5 kWh	n/a
15-Mar-17	86.35 %	3.2 m/s	3785.5 kWh	n/a
16-Mar-17	100 %	4.6 m/s	1432 kWh	n/a
17-Mar-17	100 %	6.6 m/s	4471.5 kWh	n/a
18-Mar-17	100 %	7.8 m/s	7543 kWh	n/a
19-Mar-17	98.92 %	2.1 m/s	1406.5 kWh	n/a
20-Mar-17	99.97 %	6.3 m/s	6690.5 kWh	n/a
21-Mar-17	98.34 %	2.2 m/s	1452 kWh	n/a
22-Mar-17	99.97 %	6.6 m/s	4392 kWh	n/a
23-Mar-17	100 %	7 m/s	5004 kWh	n/a
24-Mar-17	88.78 %	3.4 m/s	12552.5 kWh	n/a
25-Mar-17	98.83 %	5.8 m/s	7334.5 kWh	n/a
26-Mar-17	95.23 %	6.2 m/s	5001 kWh	n/a
27-Mar-17	100 %	4.5 m/s	1683 kWh	n/a
28-Mar-17	89.87 %	1.4 m/s	1311 kWh	n/a
29-Mar-17	100 %	8.9 m/s	10241 kWh	n/a
30-Mar-17	99.97 %	9 m/s	11425.5 kWh	n/a
31-Mar-17	100 %	6.8 m/s	5408 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%)

n/a.

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