

Northwestern School Corporation
Monthly Wind Turbine Production Report
April 2017

In April 2017 the turbine electric production was 188,852kWh. On the electric bill we received in April for the main campus the average cost per kWh was **\$0.1003**, therefore the April production will result in an approximate **\$18,941.86 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

April	2016	<u>146,921 kWh</u>
April	2015	<u>192,248 kWh</u>

MONTHLY PERFORMANCE REPORT-Mar-2017

APRIL - 2017

Prepared For

North Western School Corporation

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

PowerGrid Partners

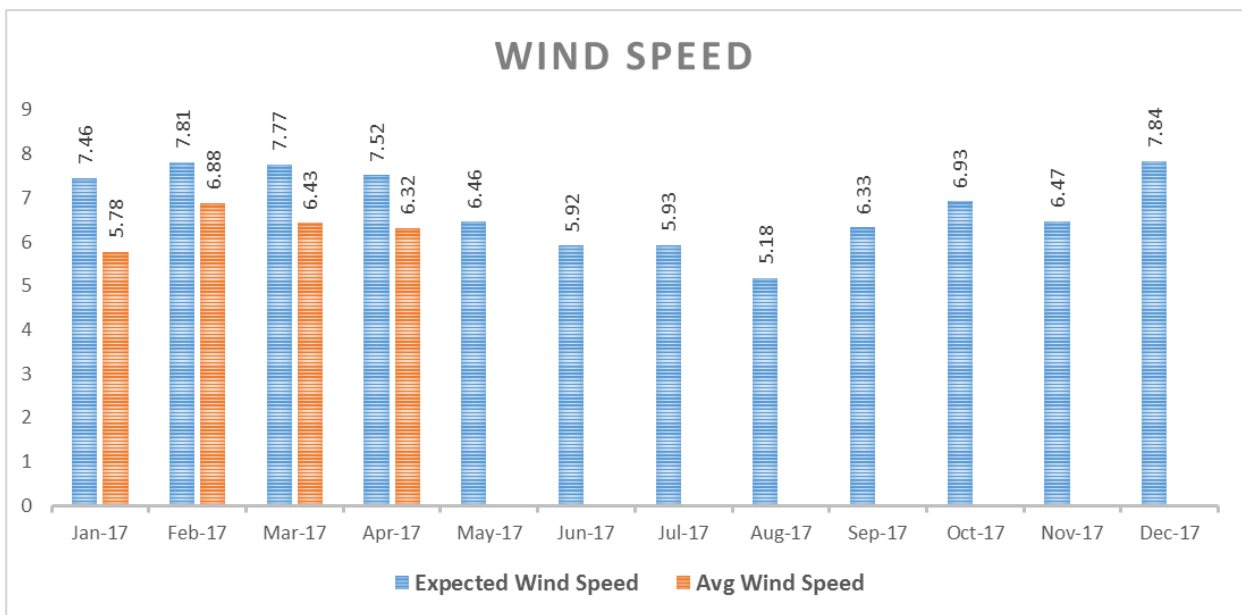
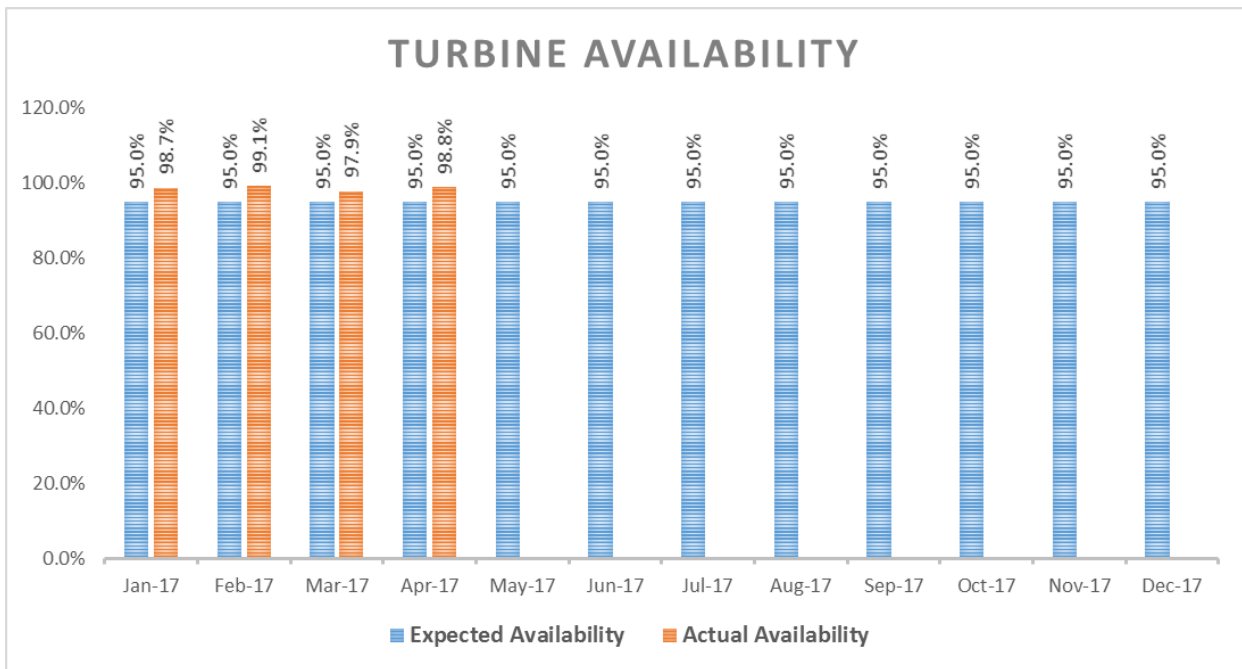
Global Green Energy Solutions

www.powergridpartners.com

Wind Speed	6.32	m/s
Availability	98.84	%
Monthly Production	188,852	kWh

Date	Availability	Wind Speed	Production	Comments
01-Apr-17	100 %	3.9 m/s	1014.5 kWh	n/a
02-Apr-17	100 %	1.7 m/s	1004 kWh	n/a
03-Apr-17	100 %	6.4 m/s	2247 kWh	n/a
04-Apr-17	100 %	8.9 m/s	10405 kWh	n/a
05-Apr-17	100 %	8.3 m/s	8116 kWh	n/a
06-Apr-17	100 %	13 m/s	18094.5 kWh	n/a
07-Apr-17	100 %	2.3 m/s	9224 kWh	n/a
08-Apr-17	100 %	5.6 m/s	2971 kWh	n/a
09-Apr-17	100 %	8.2 m/s	14116 kWh	n/a
10-Apr-17	100 %	10.7 m/s	7252 kWh	n/a
11-Apr-17	100 %	7 m/s	465 kWh	n/a
12-Apr-17	100 %	3.3 m/s	486.5 kWh	n/a
13-Apr-17	100 %	6.5 m/s	4062 kWh	n/a
14-Apr-17	91.13 %	4.9 m/s	2437 kWh	n/a
15-Apr-17	96.79 %	6.2 m/s	10431 kWh	n/a
16-Apr-17	100 %	9.5 m/s	10764 kWh	n/a
17-Apr-17	97.64 %	0.6 m/s	825 kWh	n/a
18-Apr-17	100 %	7 m/s	4805.5 kWh	n/a
19-Apr-17	99.95 %	6.8 m/s	4569.5 kWh	n/a
20-Apr-17	91.06 %	5.4 m/s	9094 kWh	n/a
21-Apr-17	100 %	6.8 m/s	4315 kWh	n/a
22-Apr-17	100 %	7.8 m/s	6505 kWh	n/a
23-Apr-17	100 %	6.5 m/s	3398 kWh	n/a
24-Apr-17	100 %	7.3 m/s	5198 kWh	n/a
25-Apr-17	99.96 %	6 m/s	2640.5 kWh	n/a
26-Apr-17	95.35 %	0.2 m/s	9217.5 kWh	n/a
27-Apr-17	97.32 %	9.2 m/s	10620 kWh	n/a
28-Apr-17	100 %	5.2 m/s	1928 kWh	n/a
29-Apr-17	94.69 %	5 m/s	7770.5 kWh	n/a
30-Apr-17	100 %	8.9 m/s	9468 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.

For Queries, please email to

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