

# Customer Report

4/12/2013 12:11:18 AM

Land Owner: Davidson  
 Location: Daniels Road Wilson, NY

## Wind Energy Potential

Very Poor

Below Average

Average

**Above Average**

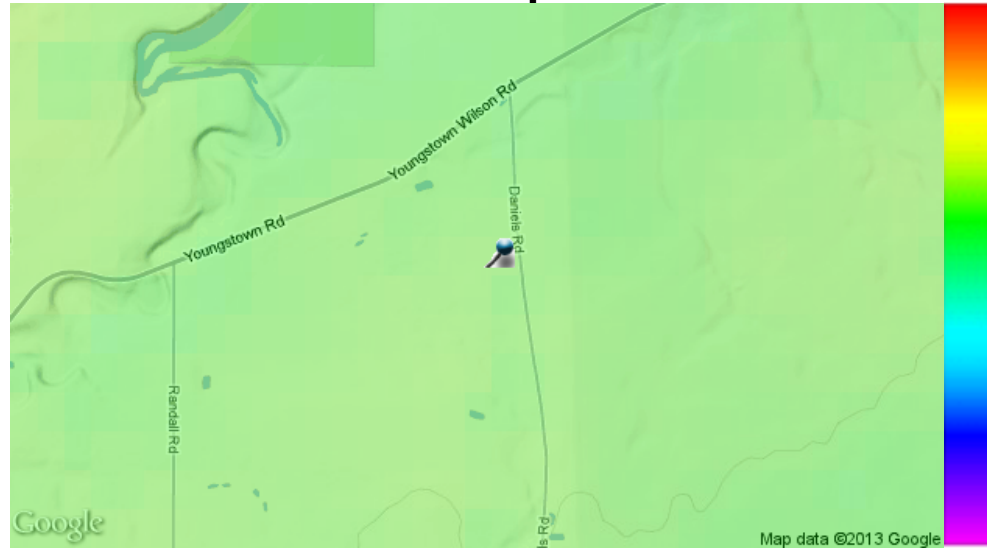
High

Recommendation is based on atmospheric models and historical weather data; actual speeds and system productions will vary with terrain, local obstacles, and turbine selection. For more information on the Wind Energy Potential categories, please see the FAQ page ([nyswe.awstruepower.com/SWEFrequentlyAskedQuestions.pdf](http://nyswe.awstruepower.com/SWEFrequentlyAskedQuestions.pdf)). Contact a NYSERDA eligible installer with this wind resource report for further consultation ([http://www.powernaturally.org/Programs/Wind/Installers\\_bycounty.asp?i=8](http://www.powernaturally.org/Programs/Wind/Installers_bycounty.asp?i=8))

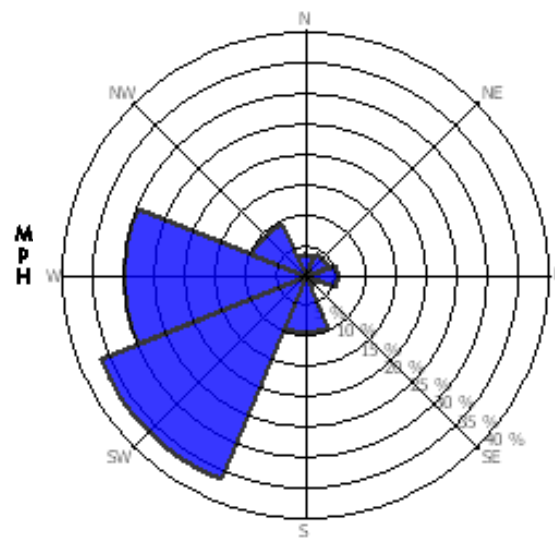
## Estimated Wind Resource and Annual Net Energy

Wind Resource	80 ft (24.4 m)	100 ft (30.5 m)	120 ft (36.6 m)
Average Annual Wind Speed	11.54 mph	12.15 mph	12.64 mph
Annual Net Energy	80 ft (24.4 m)	100 ft (30.5 m)	120 ft (36.6 m)
5kW Turbine	400 kWh - 1500 kWh	400 kWh - 1700 kWh	500 kWh - 1900 kWh
10kW Turbine	1500 kWh - 5900 kWh	1700 kWh - 6900 kWh	1900 kWh - 7700 kWh
20kW Turbine	5900 kWh - 13300 kWh	6900 kWh - 15500 kWh	7700 kWh - 17300 kWh
50kW Turbine	13300 kWh - 23700 kWh	15500 kWh - 27500 kWh	17300 kWh - 30700 kWh

## 100ft Wind Resource Map



## Wind Rose



Latitude = 43.28858° , Longitude = -78.85360° , Elevation= 295.28ft (90 m)

**IMPORTANT NOTICE AND DISCLAIMER:** The wind map and wind rose were created by [AWS Truepower, LLC](http://www.awstruepower.com) using the [MesoMap®](http://www.mesomap.com) system and historical weather data. Annual energy estimates were calculated using the local wind resource, estimated loss factors, and a generic power curve. For more information on the program's methodology, please refer to the [Help](#) page. AWS Truepower and NYSERDA do not guarantee the above estimates and are not responsible for the contents of this report. For applications requiring greater accuracy, the wind resource estimates should be confirmed by measurement. For more information on NYSERDA wind incentives, please refer to [NYSERDA's webpage](#).