

SD WIND

Weekly newsletter from South Dakota Wind Application Center

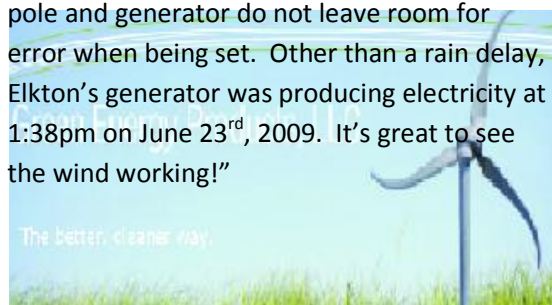
Announcements

- **New changes in WAC website design, come take a look:** <http://wac.sdwind.org>
- Elkton Public Schools installed their WFS Skystream turbine on a 60 foot monopole just before a thunderstorm on Tuesday June 23. Visit <http://wac.sdwind.org/wfs/elkton> for pictures video and links to new articles.

Notes From...

Timothy Lipetzky
CEO of Green Energy Products, LLC

"The wind for schools program is a great learning tool for students. Southwest Wind Power's turbine is one of just a few that have the capability of being a great communicator. At Green Energy Products, we are pleased to participate in the education program as we also learn something new with each installation. It's fun when drilling a hole for the base we do not encounter water and the concrete pour goes well. Safety is very important during the install as the 2000 pound pole and generator do not leave room for error when being set. Other than a rain delay, Elkton's generator was producing electricity at 1:38pm on June 23rd, 2009. It's great to see the wind working!"



News Clip

Floating Wind Turbine

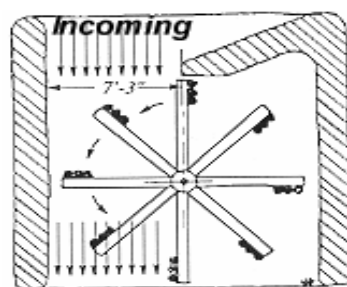
The first floating wind turbine was installed Monday, June 8th off the shores of Norway. The 2.3 MW (rated capacity) turbine, Hywind by StatoilHydro, will be fastened to the seabed by three anchor piles.

Reference:

<http://www.statoilhydro.com/en/TechnologyInnovation/Pages/default.aspx>

Fun Fact

The earliest known windmills were in Persia (Iran) around 700 A.D. and looked like large paddle wheels.

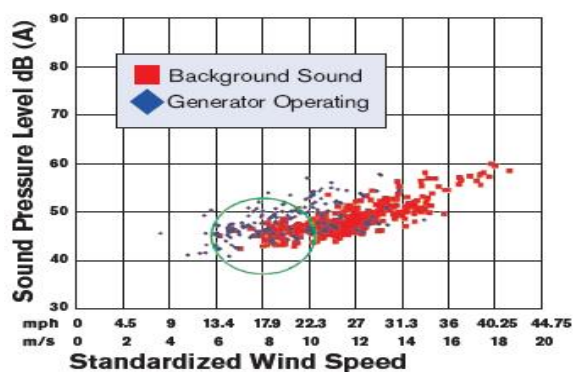


Source: <http://www.telosnet.com/wind/early.html>

Q/A

Q: How loud is a Skystream 3.7?

A:



The above graph shows that around 17.9 mph the generator only produces, on average, 50 dB which is comparable to the background noise of a family's living room.

Reference:

<http://www.wholesalesolar.com/pdf.folder/wind%20pdf%20folder/skystreamSpec.pdf>