Wind Turbine at Idaho National Laboratory

Idaho Falls, ID 83401 | Skystream 3.7 | 2.4 kW on 70 ft tower | Installed by Skystream Wind Turbines

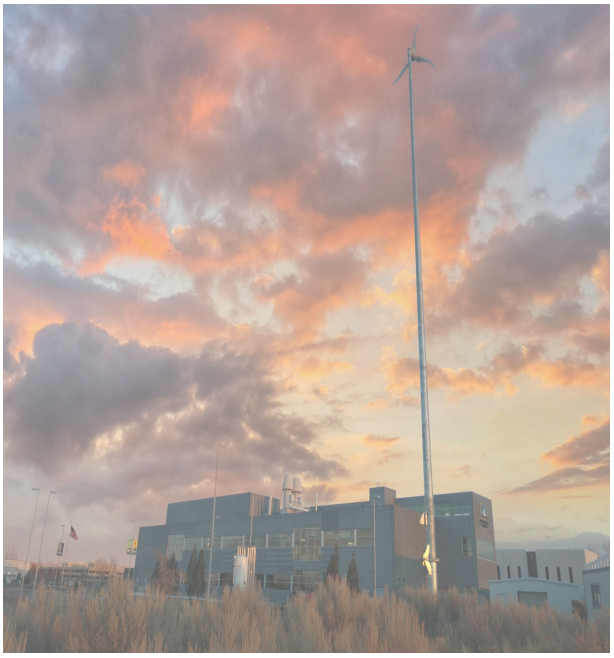


Photo Credit: Jake Gentle, Idaho National Laboratory

The **Idaho National Laboratory**, in conjunction with Idaho State University-INL Research Facility, reinstalled its wind turbine in 2020 in Idaho Falls, Idaho. Connected behind the meter at 240 VAC 60 Hz, the 2.4 kW Skystream 3.7 turbine provides energy production in a microgrid configuration for use as a research tool.

Designed for small installations, including microgrid applications, the Skystream 3.7 is a user-friendly and turnkey compact generator with controls and a built-in inverter to quietly provide electricity even in very low winds.

"As wind generation in the U.S. continues to grow, it becomes more of a critical generating asset of our bulk electric system" – INL Infrastructure Security Portfolio Manager Jake Gentle[1]

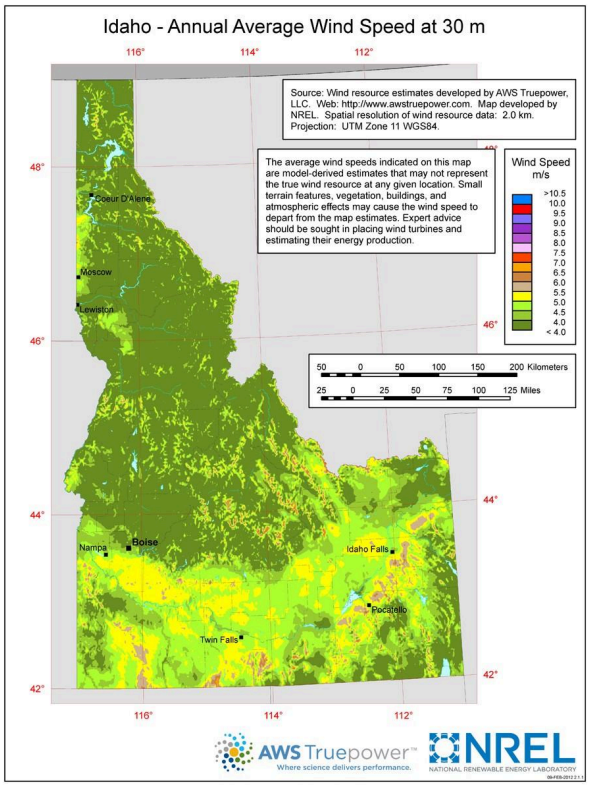
[1] *https://inl.gov/integrated-energy/idaho-researchers-lead-Doe-effort-to-protect-nations-wind-energy-infrastructure*

Key Findings

- Produces ~ 2,100 kWh of energy annually
- Provides data for research

Impact

- Showcases potential of energy independence
- Demonstrates ease of integration of wind energy



More than 104,000 Idaho properties have wind resources suitable for distributed wind with a combined technical potential of 734 MW, per NREL

Want further information? Please contact:

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