

Hampton Roads Students Harness the Power of Wind, Thanks to NEED and Dominion Energy

Thanks to a partnership between the Dominion Energy Charitable Foundation and the National Energy Education Development (NEED) Project, two Hampton Roads schools received a 30-foot-tall micro wind turbine to demonstrate the production of wind energy.

The schools also received solar panels and two 12-volt energy storage batteries. Plus, an online data display will show the installation's energy output.

In late November, New Horizons Regional Education Center in Newport News hosted a ribbon-cutting of its micro wind turbine, which will be used in lessons for high school students in a career and technical program. School administrators, teachers, government officials, and community leaders gathered to celebrate the occasion.

Ocean View Elementary in Norfolk will host a similar ceremony in late January.

Along with the equipment, the program includes hands-on curriculum from NEED that allows students to learn about wind in the classroom. Teachers also will receive training on the curriculum and the use of the wind turbine data.

Providing youth with hands-on learning about renewable energy is important as a new offshore wind industry takes shape in Virginia.

Dominion Energy's Charitable Foundation provided grant funding to NEED to support wind energy education in the state. The Wind for Students program builds on the Foundation's successful partnership with NEED, which has administered the Dominion Energy Solar for Students Program since 2015.

To learn more, visit [Dominion Energy Inc. · The NEED Project](#).