

Making the Future Bright: The Solar Energy Curriculum Consortium (SECC)

Purpose

The importance of renewable energy is obvious, yet less than 1% of electricity generated in Ohio is derived from solar energy. Furthermore, learners of all ages are largely uninformed about solar energy.

Bringing a wealth of knowledge, experience and resources together, Ohio Sea Grant, Office of Energy and Environment, Facilities, Operations, and Development, and Energize Ohio are well poised to initiate a Solar Energy Curriculum Consortium (SECC) to develop locally relevant, inquiry-based lessons easily accessible to formal and informal educators throughout Ohio.

Impact

The SECC will develop five high quality, locally relevant lessons for the proposed solar energy curriculum, including teacher-friendly instructions, classroom-ready materials, and content-appropriate support materials.

The lessons will incorporate online, real-time and historical energy production by the solar photovoltaic installations at OSU's Stone Laboratory

Ohio State Colleges/Units Involved

Ohio Sea Grant and Stone Laboratory
OSU Extension
Facilities, Operations, and Development
Office of Energy and Environment

Community Partners Involved

Science Educators in grades 4-12
in the State of Ohio
Informal education groups at
Stone Laboratory



on Gibraltar Island and weather data from a Stone Lab owned weather buoy deployed in Lake Erie.

Together, these efforts promote an energy-literate citizenry of informed and responsible decision makers and environmental stewards.



Contact

Kristen Fussell
Executive Assistant
Ohio Sea Grant and
Stone Laboratory
fussell.10@osu.edu



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