



Solar Installments

Possible Academic Connections: Energy Engineering

Recommended project length: Multi-year

Experiential Learning? Likely

Community Engagement? Not likely

Remote learning possible? Partial

Connection to OHIO Sustainability & Climate Action Plan: Energy (goal #2); Climate (goal #1)

Brief description: Create “how to” guide for solar panels/other solar installments to encourage pursuit of renewable energy on campus.

Project description:

Create a “how to” guide for others who are interested in pursuing solar on University buildings. There are many barriers to installing solar on rooftops, including structural, procedural, capital costs, incremental costs, procurement processes, end of life handling of panels, maintenance, etc, and a guide outlining all barriers would be helpful to others.

Resources available to students/faculty to complete project:

- University websites
- Conversations with Elaine Goetz
- [Alex Burke thesis](#)

Project alignment to OHIO Sustainability & Climate Action Plan*:

- [Energy](#) goal #2
- [Climate](#) goal #1

Extension possibilities:

- Pursue grant or alumni funding for renewable installations
- Compare and contrast on-site renewable installations to power purchase agreements and to renewable energy certificate purchases.

Please send final project deliverables to sustainability@ohio.edu for tracking and reporting purposes.