

ENGIE Lifecycle and Expansion Program Internship

About ENGIE

"We're on a mission to shape a sustainable future built on clean, affordable, resilient energy and the infrastructure that supports it."

ENGIE secured a comprehensive energy management contract with the Ohio State University to address energy sustainability goals on campus.

Ohio State's climate action plan has a target to be carbon neutral by 2050 which ENGIE is helping them achieve.

Lifecycle and Expansion Program interns work with a program manager to complete tasks related to providing utilities to Ohio State's growing campus as well as maintaining the longevity of the current system.

Located in McCracken Power Plant on Ohio State's campus in Columbus, OH.

McCracken Power Plant



Frequent Duties

Working on various tasks to support capital projects team

Attending meetings for expansion projects and energy conservation measures initiatives

Site visits



Tour of the Ohio Stadium to see energy conservation measures in place

Accomplishments

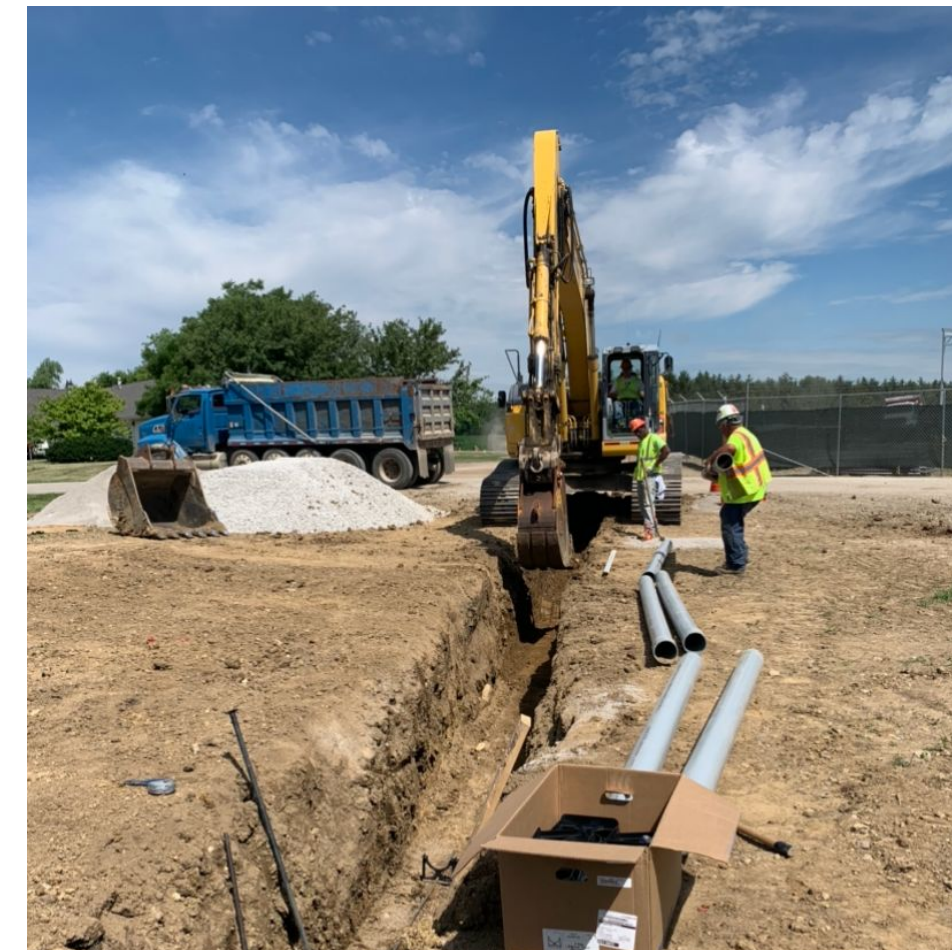
Developed a carbon calculator for use by Ohio State to track their process on the path to carbon neutrality.

Created a Big Ten sustainability benchmarking presentation.

Conducted EUI report quality checks.

Evaluated proposals from engineering companies for an expansion project.

Conducted a study on local breweries for potential CO2 capturing.



One of the main projects of the program manager that I worked with this summer was installing utility lines at the new Controlled Environment Food Production Research Complex. These pictures were taken throughout the process at the site inspections that I attended.

Reflection

This internship gave me valuable experience working in the energy industry.

I also learned a lot about the project management process.

Moving forward, I am interested in a full time job related to energy after graduation, specifically in energy efficiency or renewable energy.

Students interested in sustainability in the energy industry should be open to working not only with renewable energy, but with energy efficiency in general.



Tour of utility system at the Schottenstein Center