

Strategic Energy Management

2023 Impact Report

Oregon Institute of Technology





December 31, 2023

1. Executive Summary

Oregon Institute of Technology, 3201 Campus Drive, Klamath Falls, OR 97601.
Year 4.

In 2023, the Oregon Institute of Technology (OIT) persevered in the Strategic Energy Management (SEM) program while overcoming significant transitions on the energy team. In 2023, OIT reviewed organizational practices and building management systems for energy



- Challenges

After the departure of the prior Energy Champion and a key faculty member from OIT in 2022, the energy team lacked members that had the ability to influence students, faculty, and administration.

With Energy Champion Jim Lake and Backup Energy Champion Jessica Barnett being the only active energy team members for the majority of 2023, they did not have the bandwidth to pursue organizational projects due to prioritizing their daily job responsibilities at OIT.

- Progress

OIT is interested in hiring an SEM intern who can balance energy team workloads. They are also exploring the possibility of building a pipeline to identify students who can support other participants in Southern Oregon as interns.

The energy team plans to update the OIT website to feature a new Sustainability section and feedback form. Helen Drewel, the marketing team, and coaches will collaborate to update the Strategic Energy Management page and include the latest SEM Impact Report.

Technical Activities

- Successes

In May 2023, the energy team, along with coaches, reviewed the building management system (BMS), identifying several energy-saving opportunities for investigation in 2024. The team adjusted the BMS for appropriate heating and cooling schemes across several buildings.

OIT hired Johnson Controls to walk through the Learning Resources Center and assess indoor air quality. This resulted in a report with additional energy-saving projects for the facilities team to pursue.

- Challenges

The entire campus is on one metering system, making it difficult to identify energy usage trends and savings opportunities for specific buildings using models in the Energy Performance Platform.

4. Participant Energy Team

Energy Champion: Jim Lake, Maintenance Supervisor.

Back-up Energy Champion: Jessica Barnett, Fiscal Coordinator.

Executive Sponsor: Thom Darrah, Director of Facilities Management Services.

Energy Team Member: John Harman, Vice

6. Plans for Future Success

The Oregon Institute of Technology remains committed to energy conservation, as evidenced by the steadfast and growing dedication of its energy team members. In 2024, they will persist in building a solid foundation for their energy team, exploring opportunities to raise awareness about energy management among building occupants, and delving deeper into data analysis through the Energy Performance Platform.

With the newly formed energy team, collaborate on an Annual Energy Plan for 2024, drawing on opportunities identified during the 2023 Energy Management Assessment. Review the plan on a quarterly basis to track progress and adjust priorities.

Identify and onboard an SEM intern in 2024 to support the Energy Champion with tracking energy projects, analyzing models, and achieving SEM milestones.

Review energy models with coaches during monthly energy team meetings to identify trends and anomalies in energy usage. Formalize a system to track energy-saving projects throughout the year.

Take advantage of the 2024 Occupant Engagement Milestone to explore avenues for engaging occupants and encourage collaboration between stakeholders. Engagement activities can include running an awareness campaign, inviting stakeholders to a daytime or nighttime treasure hunt, or hosting a competition between occupants.

This report was prepared by:

Lura Griffiths
(971) 678-3921