



X. 45% REDUCTION OF GREENHOUSE GAS EMISSIONS BY 2030

ACTION 1



Electrify UW
Transportation Services

ACTION 2



Plan to repower the
Seattle campus

ACTION 3



Implement campus
solar plan

BASELINE METRICS

Percentage of UW fleet vehicles are electric

Completion of each listed FY21 step serves as a measure of progress

ACTION OWNER:

Jeff Seidel

TARGET TEAM:

Marilyn Ostergren, Jan Whittington, Norm Menter, Eric Johnson

PROGRESS & ACCOMPLISHMENTS

Action 1: Draft of the 10 year vehicle replacement plan is completed. 102 charging stations are currently in operation.

Action 2: The Seattle campus Heating Plant reliability evaluation and project is ongoing. The project scope is expected to be solidified for presentation to UWF leadership by the end of the September. Options have been evaluated and will be proposed to improve plant reliability and efficiency during the interim period in which the plant's future and transformation is scoped, designed, and completed.

Action 3: Data, figures and tables for the campus solar plan have been completed. A proposal for a green revolving fund is being advanced for to assist with this action.

PROGRESS TOWARDS TARGET 10'S GOAL

These actions inherently have complex and major hurdles to overcome. They will take a great amount of planning, financing, and engineering in order to begin meeting many of the goals. Thus progress will be slow and methodical.



CHALLENGES

Action 1: Funding for the E18 solar canopy and charging infrastructure needs to be identified

Action 2: Limiting the work scope of the Plant Reliability project. Addressing the many challenges in setting up the foundation, and funding to begin planning the transformation of the Seattle campus Heating plant and campus from a traditional steam heat source.

Action 3: Developing financial support for this action to be implemented.

EC QUESTIONS

- How would the committee like to participate in Action 2?
- Is there a possibility to create a energy/resource subcommittee?
- Would it be appropriate to expand the resource conservation program to include solar and other energy resource projects?
- Continued promotion of EV purchases at FS and departments

For any questions, please email envsust3@uw.edu