

SWATeam Recommendation

Name of SWATeam: Energy

SWATeam chair(s): Bill Rose and Andrew Stumpf

Date submitted to iWG: 6/8/21

Recommendation title: Develop a Comprehensive Energy Planning Document

For internal use only: Date reviewed by iCAP Working Group:

Specific actions/policy recommendation: Initiate the development of an energy planning document in FY21.

Suggested unit/department to address implementation: F&S

Rationale for recommendation: Developing a plan will allow UIUC administrators to fully understand the true costs and carbon footprint impacts resulting from 1) accessing additional renewable energy sources for the campus energy system and 2) maximizing energy efficiency and conservation programs, in order to meet the FY50 net-zero green-house gas (GHG) emissions goal.

Connection to iCAP goals: Energy objective 2.1, page 38.

Perceived challenges: None

Anticipated timeline of implementation: several years

Anticipated budget (identify if cost is up-front or continuous): unknown

Individual comments are required from each SWATeam member (one or two sentences):

Team Member Name	Team Member's Comments
Bill Rose	This recommendation has my highest priority. Without a planning document and an assessment of the cost, an institutional goal such as 0 GHG-2050 simply cannot be met. We have reviewed the University Energy Master Plan (2021). It does not show how to meet the iCAP goals. Therefore, the comprehensive planning document recommended here is vitally necessary.
Paul Foote	Creating a road map and gaining insight into the scale, costs associated with, and alternative solutions available provides direction and the ability to manage initiatives, programs and projects necessary to achieve the university's 2050 GHG goals as set in the 2020 iCAP. Innovation and collaboration is paramount in order to obtain carbon neutrality, and this Energy Plan will provide these essential details to ensure UIUC's standing and leadership in environmental

	stewardship maintains our world class ranking. I whole-heartedly support and encourage your support in creating this plan!
Andrew Stumpf	Developing a comprehensive energy plan that maps out how renewable energy and low-carbon energy sources will be integrated into the campus energy system in order to meet the iCAP 2050 zero carbon emissions goal will provide university administrators and energy stakeholders a complete picture on the future financial and technical milestones. I expect F&S would lead this effort with input from qualified companies and the campus community.
Tim Mies	I support this recommendation to guide administrators in balancing the cost vs benefit for all of our activities in achieving our GHG emission goals. Without this information, decisions could be made that do not have the best GHG benefits for the invested dollar. With the current financial situation, our investments must come from well-defined and informed guidance from a plan such as this.
Sushanth Girini	Having set goals and a firm plan is crucial for all projects. Plan helps identify potential risks/challenges as well has measure the progress. This is would a step in the direction to reach the iCAP energy goal.
Peter Davis	I believe this is a crucial step in making zero GHG emissions by 2050 a reality rather than an aspiration. There must also be a larger sense of accountability on multiple levels to abide by iCAP energy goals.
Matthew Gold	I fully support this recommendation because it is important that our plan is in full communication with the administration so that they understand the costs that are necessary in applying projects to reach the FY-50 net-zero GHG emissions goal.
Brad Frantz	It is hard to plan a journey without a map! I believe this is an essential step in getting to net-zero. Knowing the true costs and resulting impacts from the efforts will in the decision making.
Yun Kyu Yi	It is important to have a road map to reach iCAP goal. For this reason, it is important to Develop a Comprehensive Energy Planning Document. I put my most priority to have this energy plan as must have a requirement for the university.
Tugce Baser	Unavailable for comment.
Marcela Vega Munoz	I think it is very important to have a well-developed plan as a guideline to determine which are the relevant next steps to meet the FY50 net-zero greenhouse gas goal. Additionally, this plan will facilitate the discussion among the different decision makers from the University
Brinn McDowell	I believe making a comprehensive energy plan will allow for a holistic view of where the University is currently, and help to accurately guide in the creation of a plan for zero GHG emission by 2050. Knowing where to start is step one in making a difference.

Further explanation and background (can be supplied in an attachment):

The SWAT team is available to assist F&S in this initiative.

Comments from consultation group (if any; these can be anonymous):