

iWG Assessment

iCAP Team Recommendation Ref #: Energy011 Priority Technologies and Practices for a Clean Energy Plan

Date of iWG Assessment Started: 1/30/23

Assessment Transmitted: 4/10/2023

iWG Recommendation: We recommend that F&S coordinate with SEDAC and related stakeholders (such as Grainger College of Engineering) to develop a short statement about the efforts underway for each of the technologies recommended by the iCAP Energy Team. The statement should include key contacts, current status, and future intentions, as well as related links, as applicable.

The resulting document should be used to help identify next steps for propelling UIUC forward in our carbon-neutrality goals, possibly in partnership with an external consultant. This document can also be used in discussions with university leadership about funding and directions for meeting the climate commitments.

iWG Routing Direction (Department name, iCAP Team, or Council): F&S

Individual comments from each iWG member:

iWG Member Name	iWG Member's Comments
Jennifer Fraterrigo (iSEE)	I support this recommendation to collect information about energy technologies that can help campus achieve carbon neutrality and encourage involving researchers in these discussions.
Morgan White (F&S)	F&S is developing an RFP for seeking an outside consultant for the clean energy plan, and this proposed statement can help inform that consultant.
Jamie Singson (Representing Auxiliaries)	In support of. Perhaps a tentative schedule of dates for "future intentions" could be asked for in the statement so a combined timeline for a FY30 benchmark date of completion could be amassed by F&S.
Brian Bundren (Provost Office)	I support this recommendation.
Jim Brennan (Academic Senate)	I support this recommendation.
Sandy Yoo (System Office)	UOCP supports this recommendation. University units are encouraged to consider collaboration opportunities with other units along with current and future intentions isolated to each unit.
Qu Kim (Representing College Facilities)	I support the recommendation. Please ensure to engage the appropriate stakeholders from GCoE and include the Grainger Engineering Offices of Facilities and Safety in the discussion.
Carl Bernacchi (Representing College Facilities)	<i>[Not part of iWG when this recommendation was discussed]</i>
Lucy Nifong (Student Sustainability Committee)	I fully support this recommendation.

Danika Ford (Student Sustainability Leadership Council)	I support this recommendation. It will be beneficial to gain advice from the suggested groups on how each energy technology is implemented on campus and what our future energy plans at the University are.
[Vacant], Illinois Student Government Environmental Sustainability Committee	

Original iCAP Team Recommendation:

The Energy iCAP Team recommends that F&S and any external consulting group consider the feasibility and overall effectiveness of the following technologies and practices in the development of a clean energy plan for the University of Illinois, Urbana-Champaign:

1. Energy Conservation & Energy Efficiency
2. Micro-nuclear energy
3. Geothermal Energy
4. Hydrogen Fuel
5. Energy Efficiency Renovations
6. Expansion of solar energy production
7. Wind energy
8. Carbon capture and sequestration
9. Power Purchasing Agreements

iWG Assessment of budget and policy impacts (*check one*):

moderate budget and/or policy impact OR major budget and/or policy implications

iWG Routing Need (*check one*):

more detailed study OR transmit recommendation OR forward to Sustainability Council