**iCAP Team Recommendation**

Name of iCAP Team: Energy

iCAP Team chair(s): Bill Rose and Andrew Stumpf Date submitted to iWG:

**Recommendation title: Charging responsibility for meeting the iCAP energy goal**

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

Specific actions/policy recommendation: We recommend the following actions:

* The Office of the Provost provide a clear charge to F&S to meet and/or accelerate energy requirements of the iCAP goal.
* F&S accept this charge and begin internal planning to meet this goal.
	+ This will include ensuring the capability to provide the necessary work on utilities and buildings.
	+ It will also include making a budget request for necessary funding.

Suggested unit/department to address implementation:

* Office of the Provost, Facilities & Services

Rationale for recommendation:

* The University of Illinois is committed to meeting the iCAP goal of 0f GHG emissions by 2050 or earlier. The Master Plan for the university at present contains no planning to meet this goal, nor has there been budgeting to meet the goal.
* The Energy Team has recommended preparation and adoption of a Comprehensive Energy Master Plan for the Campus, to replace the Utilities Production and Distribution Master Plan which shows no reduction in GHG emissions under any of their scenarios. This Master Plan is moving forward.
* The Energy Team Recommends that the Provost provide a clear charge to Facilities and Services to meet the energy requirements of the iCAP goal. We also recommend that F&S accept this charge. The actual cost is unknown until completion of the Comprehensive Energy Master Plan, but personnel and budget planning at F&S should begin promptly.
* F&S currently works with a Deferred Maintenance budget. The new Energy Target budget must be in addition to the Deferred Maintenance budget, though operations will likely occur where the two budgets must dovetail.

Connection to iCAP goals:

* 2.1: Energy Planning Document
* 2.2: Increase Energy Efficiency
* 2.3 Clean Energy Sources

Perceived challenges:

* TBD

Anticipated timeline of implementation:

* 2022-2050

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

* Continuous allocation of funds which will range into the several hundreds of millions of dollars.

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

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| Team Member Name | Team Member’s Comments |
| Andrew Stumpf | Developing this operational and budgetary plan is crucial for campus to achieve its 2020 iCAP goals. Charging F&S now to ramp up will provide a basis to begin implementing the recommendations in the proposed Comprehensive Energy Master Plan. |
| Damon McFall | A clear charge will provide F&S the ability to pursue a plan that will enable all of UIUC campus to align itself in reaching the 2050 net zero goal, including the capital planning, engagement, campus utilities, maintenance, administration, politicians, state and federal entities, research, etc. Time is of the essence, less we fall behind and are unable to meet our goals due to process, resources, or developing external constraints. |
| Tim Mies | I support this recommendation to charge F&S with the responsibility of developing and implementing a comprehensive energy plan that will allow us to move toward meeting the goals outlined in the 2020 iCAP plan. |
| Paul Foote | Achieving the iCAP goals requires specific planning, significant capital and innovative strategies and solutions. Having this charge now will align academia and F&S resources, strategy, and support to provide a clear path to the university’s 2050 climate action goals. This is critical in maintaining our world class status and recognition for sustainable practices and innovation. |
| Yun Kyu Yi | It is crucial to have this operational and budgetary plan. Clear charging will help the campus to reach iCAP goal. I fully support the recommendation. |
| Matthew Gold | I fully support this recommendation and believe that it is very important to communicate an organized plan to reach the iCAP goals. This will make this process smoother by following these necessary steps. |
| Shannon Anderson | Having a plan in place to outline the necessary steps to reduce the university’s emissions is crucial to actually achieving our iCAP goals. |
| Meghana Pothukuchi | I support this recommendation. It is necessary to ensure the capability of providing the work needed on utilities and buildings. A budget plan and timeline are also necessary to provide a clear guide to achieving the iCAP goals. |
| Brad Frantz | I support the recommendation to strive towards the iCAP goal for the reduction of GHG emissions. However, I am unsure how we are going to get there. Tossing the ball back at F&S to solve does not help us to get to the goal.  |
| Ritvik Desai | I am in favour of this recommendation since it is of great importance to develop this budgetary plan in order for UIUC to achieve its iCAP goal. |

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

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