

iCAP Working Group

September 25, 2014

1:30 pm, 358 NSRC

Present: Kevin Duff, Lowa Mwilambwe, Drew O'Bryan, Matthew Tomaszewski, Nancy O'Brien, Rob Fritz, Ben McCall

Agenda overview

Welcome Drew, SSLC, president of SECs, other introductions

Wind PPA

F&S response; they agree it should be considered, they need more time to develop factual information, unclear how much time, campus cannot make an informed decision until reliable data exists. We should develop interim checkpoints.

Ben asked the committee for their thoughts on the response from F&S. Replies: A little light on content, but certainly shows good will. It was nice to receive a response, it was transparent. They are saying they don't know for sure. It would be good for F&S to include a broader audience in the process.

What do we think the iWG should have input on? It would be better to have input upfront. Could the iWG have a representative on the committee that is reviewing the RFP? They seem to be treating this like any other purchasing agreement. What checkpoints do we want? Perhaps when the proposals are received – what are the prices? Point of receipt, point of discussion, and point of decision making; we should be inserting ourselves into the process at every stage.

iWG would like F&S to include iWG as part of the responsible parties group, alongside PEI and F-M.

Kent Reifsteck has offered to come discuss with us the time of day profile and other concerns.

There may be a need to have additional conversations. If the price of wind is more expensive than brown energy, what will campus be willing to pay for green energy? It would be better not to wait until the end of RFP process to begin those conversations. It would be nice to hear from Kent regarding criteria for RFP. Kent will be a good resource. Maybe we can get Kent to come to our next meeting.

iWG charged Ben with drafting a response letter to F&S asking for a 'seat at the table' throughout the process, starting right away. He will route it for comments from the group before sending.

We should try to meet with Kent before November 6, ideally in late October.

Preliminary SWATeam reports:

Energy Generation: Draft of utilities master plan did not contain much information about renewable energy options and meeting iCAP goals. It is still unclear when the final report will be ready. Nominally

we have met the 2015 goal for renewable energy generation by purchasing RECs, but hope to do much better with wind PPA.

iWG felt that we should also have a seat at the table for the review of AEI's report, and asked Ben to include that in the letter.

There was a campus presentation from Kent and a sub-contractor of AEI during earth week; their report was more about the physical assets, and not much focus on sustainability.

Can we see the RFP for the utilities master plan? This should be a matter of public record. If the RFP does not specify that renewables and meeting iCAP targets should be included, we cannot blame such omissions on AEI.

Energy conservation: Much of our increase in past two years seems to be due to more heating degree days, ie very cold winters. Will we want to include Petascale in the future?

What about net zero growth – Provost's Non-Instructional Space Task Force has been working on this policy. They are examining issues like: what are the consequences, how do you do that, how feasible is it? Dialog regarding the policy is ongoing. New iCAP should reflect growth in space.

Petascale energy consumption is like 15-20 % of total campus energy use. Need to make sure that goals being set can actually be measured, e.g. GHG emissions from buildings.

Chevy deal, we are selling emission reductions from FY 12, 13, 14 to raise over \$1M (including campus match) to enable us to further drive down greenhouse gas emissions.

Billing units for their energy usage would be a powerful way to reduce demand; but there is no clear algorithm to handle departmental energy billing challenges, including lack of granularity in metering, part of energy usage (e.g., building envelope) that is not under unit's control. Might be appropriate to call for a concerted effort to develop such an algorithm in the new iCAP.

ECIP and RLF should perhaps be marketed better to ensure awareness of broader audience.

What about DIA and other auxiliaries? Is there a way to turn off some of the lights at the stadium when the game is over? Auxiliaries are very keen to save money on energy, but don't always have the financial resources to make up-front investments.

Transportation: Instead of reducing emissions by 30% we have increased them by 30%, primarily through air travel. Many people are unaware of iCAP targets. Incentives or disincentives through parking are difficult to implement. Parking rates are subject to bargaining agreements.

We can as a campus purchase offsets, but this should be done on a campus level through an rfp process.

Purchasing waste and recycling: Another sad story. We will pick up discussion of this report and others next time.

Chapter example

Morgan has prepared an example chapter for each of the SWATeams to help ensure some consistency of the products we will be receiving from them. Each chapter will start with goals and years for which goals are stated and provide some historical information, including emissions. The chapters will then provide objectives and then detail strategies for achieving the objectives and goals.

We also intend to provide a resource document for each chapter which includes 2010 iCAP strategies, a FY 2013 summary, links to iCAP portal projects, and STARS report questions and data.

We need an opportunity for reviewing goals, and a prescriptive outline is nice for receiving information in a consistent format. Ben will send the information to the SWATeams later today.

iCAP Forum format

Ben will give a brief introduction, review of commitment, and process that has been developed.

Then about 15 minutes per SWATeam, to present to audience what their recommendations are, and then have a discussion including questions, ideas, criticisms, etc. We will have folks there taking notes.

Then at the end we will have time for broader discussion, identify any overlap of teams or perhaps any conflicting goals.

We would very much like you to come to the forum, the more of you the better.

Other business

We are trying to get the Sustainability Council to meet in November. We hope to bring them an early view of work from SWATeams – just to give them some sense of where things are moving.

Lot of work ahead of us!

We meet again on October 30.

Adjourn 2:50