# Activities for the remainder of the 2019–2020 academic year.

## Act on major objectives. May require participation by others. Assign initiatives to SWATeam members and those members will develop a subcommittee of members and non-members. Report at each committee meeting.

## Master Plan. (Lead: Michael Reiter)

### Determine standing of Reifsteck plan.

### Outline range of scenarios for meeting iCAP goal. Suggestions:

#### Conservation + Renewables (1, 2 or 3 scenarios?)

#### Micro Modular Nuclear Reactors (MMR)

#### Allocation reduction

#### Other?

### Determine qualification for engineering firm. Estimate budget and schedule.

### Write project scope.

### MMR. (Lead: Mike Larson)

### Continue feasibility study with faculty.

### Engage students?

## Underground Thermal Batteries. (Lead: Andrew Stumpf)

* Prototype will be installed at Energy Farm in Spring 2020.
* Conduct feasibility study of multi-battery system with faculty and DOE.
* Engage students.

## 4. Retrocommissioning. (Lead: Karl Helmink)

### Prepare recommendation.

### Estimate needed funding.

### 5. Building Envelope. (Lead: Bill Rose and David Boehm)

### Meet with F&S (Tom Keller, David Boehm, Donna McClure, others?)

### Decide on next steps: Away training, training on campus, workshop,…?

### Begin airtightening on one or more existing campus buildings.

### 6. Building Codes. (Lead: Yun Yi?)

### Finalize Sarthak Prasad survey.

### Compare actual EUI to code-compliant EUI for recent buildings.

### Develop watchdog or other mechanism to help ensure code compliance.

### Begin watchdog intervention promptly, on buildings currently in the works.

### 7. Campus square footage: (Lead: Bill Rose and Andrew Stumpf)

### Explore enforcement options.

### Develop recommendation.

## 8. Renewables. Leads: (David Rivera-Kohr, Tim Mies and Tugce Baser?)

### Make recommendation on biofuels.

### Make recommendation on ground-source thermal energy and storage with assistance from the Illinois Water Resources Center.