**Chapter ??. Energy Targets and Strategies**

[Type an introductory – “this is important” section – one paragraph minimum.]

**Energy Generation Targets**

[Type a brief (1-3 sentence) overview of the emissions goals for this SWATeam topic (see example below). You may choose to separate the goals into the primary sources, or you may choose to set emissions goals for the overall category. The 2010 emission goals are shown in the table. Enter your recommendations for emissions goals for 2020, 2025, 2030, 2040, and 2050.]

1. Strive to meet the following requirements for renewable energy generation.
   1. 5% of total campus energy from renewable sources by fiscal year 2015
   2. 10% of total campus energy form renewable sources by fiscal year 2020
   3. 15% of total campus energy from renewable sources by fiscal year 2025
2. Invest in plant equipment and efficiency improvements to reduce GHG emissions at Abbott Power Plant as follows:
   1. 5% by fiscal year 2020
   2. 10% by fiscal year 2025
3. Continue to invest to building energy conservation and retro-commissioning activities with a target of reducing total campus GHG emissions from purchased and produced energy as follows:
   1. 10% by fiscal year 2020
   2. 20% by fiscal year 2025

**Transportation objectives**

[Type an overview of the transportation objectives. An objective is defined as an end state that will be brought about by implementing the iCAP. If possible, state the objectives with the [SMART](http://en.wikipedia.org/wiki/SMART_criteria) format in the descriptive section. After the descriptive section, list the specific objectives in a numbered summary. An example of the numbered list is shown below.]

## Energy generation strategies

[Strategies are specific activities that should be completed in order to achieve the objectives listed above. This section should list and describe recommended strategies that campus should undertake. You could think of this section as a to-do list, in descriptive format, related to each objective. For each strategy, include the background information that will be needed in order to implement the strategy. See example below…]

Strategies to be pursued in order to achieve the targets noted above include:

1. Pursue the procurement of wind power through a power purchase agreement.
2. Pursue the procurement of solar power through a power purchase agreement.
3. Investigate and pursue the installation of solar power and geothermal heating/cooling systems on all new construction.
4. Investigate and purchase the installation of solar power on existing campus buildings.
5. Continue to invest heavily in building retrocommissioning
6. Investigate opportunities for the installation of geothermal heating/cooling systems on existing campus buildings.
7. Investigate opportunities for the use of biomass and biomass gasification as a fuel source at Abbott Power Plant.
8. Investigate and pursue the procurement of nuclear power through a power purchase agreement.
9. Purchase Renewable Energy Credits (RECs).

**Conclusion of energy generation section**