Iowa Utilities Board and Office of Consumer Advocate Building

Certified LEED Platinum, the highest attainable endorsement of the U.S. Green Building Council and first non-Regents State of Iowa building to achieve this level.

- Energy Savings exceed an already aggressive goal:
  - Has achieved a 68% overall reduction in energy consumption over standard construction
  - With 43.2 KW Photovoltaic array --- 20,500 British Thermal Units per square foot per year, a 71% reduction in purchased power.

  At Iowa's average commercial rate of 8.37 cents/kWh the energy savings would be $54,200 annually.

- Numerous awards, including:
  - 2012 Top Ten Green Building Award – American Institute of Architects (AIA) Committee on the Environment (COTE)
  - AIA Central States Region Merit Award
  - AIA Iowa Merit Award
  - AIA Kansas Merit Award
  - AIA Kansas City Merit Award
  - Built Environment Award – Des Moines' Environmental Impact Awards

- Project was constructed on budget of $9.8M.

- The State of Iowa has an asset at no General Fund cost. The Iowa Utilities Board and Office of Consumer Advocate pay the debt service cost instead of rent.

- Goal of showing what can be accomplished with current technologies is being met as numerous tour groups, including international guests, have visited. The building has been featured in media, including The Des Moines Register and Contract Magazine. A selection member for the COTE award stated: "They saw the impact of their work was bigger than just the building, it was to set an example for other government buildings."

- Over one megabyte of data is collected on building performance every day which is utilized by the Iowa Energy Center for energy efficiency research.

Building's Defining Features

- Extensive use of daylighting, including Solatubes in second floor conference rooms that virtually eliminate the need for artificial light.

- Geothermal well field features the longest horizontal loops in the United States at 645 feet.

- The six acre site captures and filters 12 acres of storm water runoff though a series of catch basins and bio swales.

- Motion sensors in every work station; an option that was not commercially available upon initial request.

- Super-efficient precast concrete walls with integrated edge-to-edge rigid foam insulation.