1) Reduce coal consumption

1 year

Cap coal emissions on campus at 160,000 tons of CO2 equivalent

5 year

Transition boilers away from coal.

Cut coal emissions to 100,000 tons of CO2 equivalent

20 year

Eliminate all coal burning

40 year

Eliminate all fossil fuel burning. Shut down Abbot powerplant and turn into museum.

2) Tighten building energy standards for new buildings

1 year

Require all new construction to achieve maximum LEED points on energy performance

5 year

Require all construction above $2M to achieve LEED Gold certification

Perform campus-wide space and building review to increase space utilization and decrease need for new campus space

Require all senior F&S staff, all planning and engineering staff to be LEED credentialed or have an equivalent sustainability credential.

20 year

Require all new campus construction to be net-zero

3) Retrofit existing buildings and infrastructure

1 year

Double campus funding for retrocommissioning and energy conservation

Fix all leaks in campus steam and chilled water distribution system

Increase pace of campus lighting retrofit and target completion across campus (including "low-priority") within 2 years

Create F&S led student program to perform energy audits of all campus buildings

Replace all outdoor lighting on failure w/ dark sky compliant fixtures, regardless of location.

5 year

Achieve LEED Operations and Maintenance Gold certification for atleast 4 large campus buildings with age> 10 years

Create program to LEED certify atleast 2 major campus buildings annually

20 year

Have 90% of campus building stock be LEED Gold Certified

4) Increase renewable energy generation on campus

1 year

Restart campus wind turbine project

Require all new construction above $10M to include on-site renewable generation of atleast 5% of electricity demand (including housing)

Train campus personnel (electricians, etc) in solar installation.

5 year

Meet State of Illinois renewable energy portfolio standards.

Create joint renewables purchasing program with Cities of Champaign and Urbana

20 year

Generate atleast 40% of campus energy from renewable sources

40 year

Generate all campus energy from renewable sources

5) Establish innovative funding mechanisms

1 year

Charge all units with full cost of energy

Account for steam, chilled water and electricity on an equal footing

Fund campus energy conservation projects on a revolving loan basis

Begin campus-wide fund-raising initiative on sustainability, renewable energy and efficiency

5 year

Have revolving loan balance of atleast $5M, and add atleast $1M of new money annually

Charge for carbon instead of energy

Bill departments instead of colleges

Pay units with renewable generation for their grid stabilization and reduced emission benefits

Create joint program w/ UI Foundation to invest in campus energy conservation projects

6) Education and Outreach

1 year

Put out semesterly - state of campus energy massmails

Pilot program to display real-time and total energy consumption in 5 major campus buildings

Place university "energy meter" in Illini Union

Create Awards for units that most reduced their energy consumption and individuals that very most responsible for reducing campus energy use.

5 year

Display energy consumption information of every building in that building.

Involve senior and graduate students on project teams so that they can gain real experience on LEED projects

Place weekly ad in DI and have regular announcements on WILL/UI-7 about campus energy performance and innovative projects.