

THE 2015 ILLINOIS CLIMATE ACTION PLAN

A ROADMAP TO CARBON NEUTRALITY

In 2008, the mounting evidence of the profound impacts of climate change prompted our Chancellor to join many of our higher education colleagues in the American College and University Presidents' Climate Commitment (ACUPCC), formally committing campus to become carbon neutral as soon as possible, and no later than 2050.

The first Illinois Climate Action Plan (iCAP) was developed in 2010 as a comprehensive roadmap toward a sustainable campus environment. The 2015 iCAP is a re-envisioned path forward for campus sustainability, with more ambitious and specific goals, objectives and potential strategies to achieve our ultimate goal of carbon neutrality. Campus has goals in 11 categories: energy conservation and building standards; energy generation, purchasing, and distribution; transportation; water and stormwater; purchasing, waste, and recycling; agriculture, land use, food, and sequestration; carbon offsets; financing; education; outreach; and research.

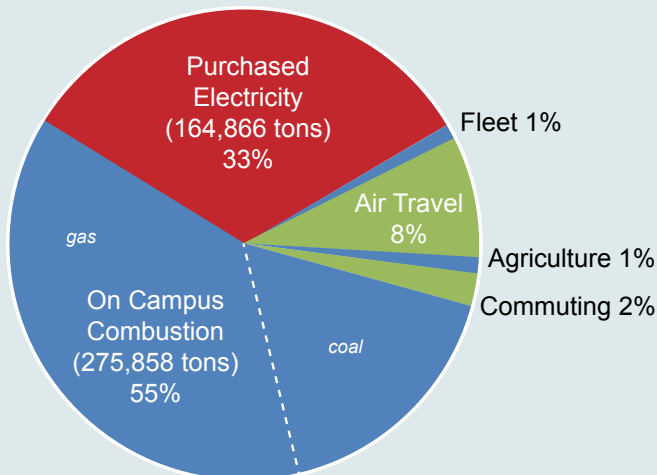


ENERGY USE & EMISSIONS

In FY14, campus used **1,076,722 MWH** of electrical and steam energy, roughly the same amount of energy as 28,000 average U.S. homes.

Each year, campus releases more than **500,000 METRIC TONS OF CO₂** equivalent into the atmosphere.

CAMPUS EMISSIONS SOURCES



OBJECTIVES FOR 2020

By no later than 2050, campus will reduce its net emissions to zero. The iCAP specifies incremental targets along that path. For example, by FY20 our campus will seek to:

- Reduce campus energy usage and energy emissions by 30%*
- Return emission levels from transportation to the FY08 baseline (reversing an observed 30% increase from FY08 to FY14)
- Reduce water consumption by 30%
- Reduce agricultural and landscape emissions by 30%

* All reductions relative to campus' FY08 baseline measurements.

PROMISING POTENTIAL STRATEGIES

- Comprehensive energy conservation campaign
- LED lighting
- Wind power purchasing agreements (PPAs)
- Rooftop solar
- Renewable fuels for campus fleet
- Stormwater collection and water reuse
- Environmental purchasing standards
- Native plantings
- Purchase of carbon offsets
- Incentivize low-carbon commuting

FOR MORE

Read the complete iCAP and explore projects making an impact on campus in the iCAP Portal:
<http://icap.sustainability.illinois.edu>

Read iSEE's 8-page summary of the iCAP at:
<http://bit.ly/iCAPnutshell>