

# ILLINOIS

## Facilities & Services

# RELIABLE. RESPONSIBLE. READY.



**Step inside** Abbott Power Plant and you can feel the energy – energy that keeps the University of Illinois at Urbana-Champaign campus running year-round.

In fact, Abbott has been energizing this growing university since 1940. Today, the plant reliably produces enough steam to heat and power nearly all buildings on campus.

But Abbott isn't a typical power plant. It's much more efficient. That's because Abbott uses combined heat and power (CHP) technology, producing electricity and recovering waste heat from that process to heat the campus. That makes Abbott nearly twice as efficient as a conventional power plant. Also, since CHP uses much of the waste heat that otherwise would be rejected to the atmosphere, CHP reduces overall emissions.

With so many people, places, and processes depending on its services, Abbott is resolute in its commitment to being a best-in-class energy provider. It is reliable, responsible, and ready to energize the future, providing uninterrupted

service, using environmentally sound technologies, and planning to meet Illinois' changing energy needs.



"Abbott currently has a solid environmental compliance record that can be attributed not just to plant renovations, but top leadership's commitment to continual, accountable improvement. That combination is a game changer."

- David Wilcoxon, Associate Director,  
Environmental Compliance,  
University of Illinois at Urbana-Champaign

## Fuel Flexibility

Abbott currently uses **77% natural gas** & **23% coal**, but that can change if fuel prices or availability change. Fuel oil can also be used as backup. This strategic mix makes Abbott's electricity and steam not only **cost-effective**, but **reliable**.





# A Powerful Environmental Story

Abbott Power Plant's combined heat and power system and its emissions reduction equipment provide significant environmental benefits compared to conventional electric generation and heat-only systems.

## **REDUCES**

**carbon dioxide emissions**  
by 101,000 tons per year,  
equivalent to taking 18,000  
cars off the road.

## **CUTS**

**nitrogen oxide emissions**  
by 560 tons per year.

## **REMOVES**

**more than 90% of the sulfur dioxide**  
from coal that's burned.

## **HOLDS**

**mercury levels**  
to just 7% of the proposed  
EPA's allowable limit.

### **For more information, contact**

Facilities & Services

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