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 Wilcoxen, 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.
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
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