FUEL FLEXIBILITY
Abbott uses 77% natural gas & 23% coal, but that can change due to fuel prices or availability. Fuel oil can also be used as backup.

This strategic mix makes Abbott’s electricity and steam production cost-effective and reliable.

Step into Abbott Power Plant and discover what’s inside – energy that keeps the University of Illinois at Urbana-Champaign campus running year-round.

In fact, Abbott has been energizing the university since 1940. Today, the plant reliably produces enough steam to heat the majority of buildings on campus and meet more than half of the campus electrical demand. Steam from Abbott is also critical to the success of groundbreaking research projects.

Abbott is a combined heat and power (CHP) plant, 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 have been rejected to the atmosphere, CHP results in lower overall emissions.

CHP is just one example of Abbott’s commitment to best-in-class energy services that are focused on the highest levels of reliability, environmental performance, and plant safety. For example, a new, high-efficiency gas boiler was just installed, replacing an older, less efficient, less flexible unit.

With continuous improvement and innovation, Abbott Power Plant and its CHP system will continue energizing the future for decades to come.
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.

**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 EPA’s allowable limit.

For more information, contact

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