**WIND POWER PURCHASE AGREEMENT**
Through 2026, the university is purchasing approximately seven percent of its annual electrical demand from Rail Splitter Wind Farm, LLC.

**ENERGY MARKET PARTICIPANT**
The university purchases about half of the electricity used on campus through Prairieland Energy, Inc.

**ABBOTT POWER PLANT**
This state of the art co-generation power plant produces both steam and electricity simultaneously, supplying the majority of energy for campus.

**CAMPUS ELECTRICAL DISTRIBUTION SYSTEM**
Utilities distribution maintains 58 miles of transmission lines which deliver electricity to campus. The majority are underground.

**SOLAR INSTALLATIONS**
The Solar Farm is a utility-scale installation that produces about two percent of the electricity used on campus. Additionally, several campus buildings have small-scale rooftop solar installations.

**ENERGY MANAGEMENT CONTROL CENTER**
Center operators use integrated data and control systems to create accurate demand and consumption forecasts. System displays aid in discovering inefficiencies, triaging problems, and dispatching corrective work.

**THERMAL ENERGY STORAGE TANK**
Chilled water is produced at night when electric rates are low. It is stored in a 6.5 million gallon water tank and used to provide cooling during the day when electricity rates are high.

**CAMPUS CHILLED WATER SYSTEM**
A central distribution system uses water from regional chilled water plants to provide cooling for the majority of buildings on campus.

**SOLAR INSTALLATIONS**
Chilled water is produced at night when electric rates are low. It is stored in a 6.5 million gallon water tank and used to provide cooling during the day when electricity rates are high.