

Advanced Metering Infrastructure Fact Sheet

- Advanced Metering Infrastructure (AMI) refers to systems that measure, collect and analyze energy usage through various communications devices on request or on a pre-defined schedule.
- Each of Black Hills Corporation's electric utility subsidiaries, Black Hills Energy, Black Hills Power and Cheyenne Light, Fuel & Power, has implemented smart meters using AMI technology.
- A smart meter is an advanced meter that identifies consumption in more detail than a conventional meter and communicates that information to the utility for monitoring and billing purposes.
- The smart meter project provides customers with increased business efficiency, allow for more frequent meter readings resulting in a more accurate bill and continue the company's commitment to reliable customer service.
- The meters will send customer usage information wirelessly to the company's computer system, reducing the need for service personnel to access customers' electric meters on a regular basis.
- Black Hills is continuing its commitment to provide our customers with safe, reliable electricity at a reasonable cost. The successful installation of these new meters is the latest example of our commitment of service to our customers.
- Black Hills Corporation has provided electrical service to customers in Colorado, Wyoming and South Dakota for more than 127 years. Significant investments have been made throughout the years to ensure that our customers receive safe, reliable electricity.
- After years of research and development, Black Hills Corporation determined that AMI was the best choice to increase customer convenience.
- AMI is based on smart grid technology and through its implementation holds the promise of transforming the company's current electricity delivery system into a more efficient system that is able to better integrate variable energy resources, such as wind and solar power, while giving the end-user – the customer – greater autonomy in energy consumption.
- Black Hills' smart grid projects contribute to the national goal of an intelligent grid and serve the public interest based on potential savings to customers in Colorado, Wyoming and South Dakota.
- Black Hills' AMI infrastructure provides the opportunity to substantiate savings in energy efficiency.
- Black Hills' AMI initiative also provides the infrastructure to connect with the organizations outage management system by using the smart meters to obtain outage and restoration information immediately.

For more information, please contact Black Hills at 888-890-5554.

Improving life with energy

