

Blue Horizons Project

Setting the course for clean energy

AMI Meter Technology Presentation



AMI Meter Introduction

If you live in the City of Asheville or Buncombe County, Duke Energy is upgrading your old energy meter to the AMI smart meter now through 2019.

AMI meters are now used in more than 62 million homes and 8 million businesses in the United States.



What is the AMI meter?

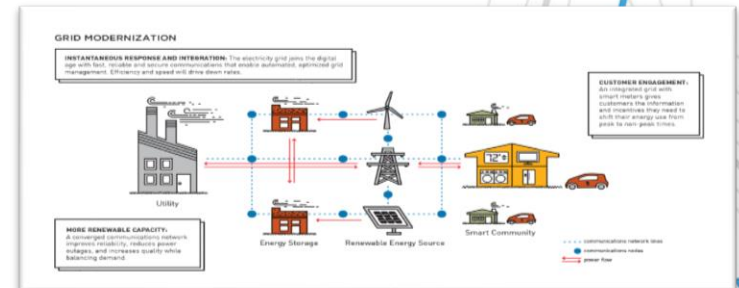
When you receive energy to power your home or business from Duke Energy utility, a meter is installed as a way of recording the amount of energy used.

Making the transition from older meters to AMI meters is similar to upgrading a dial up phone to a cell phone. Old meters must be read manually in person and AMI meters are read digitally by a utility wireless connection.



Benefits of AMI Meter

- AMI meters automatically report power outages so customers will not have to call anymore and power will be restored much more quickly.
- AMI helps to enable the future smart grid that allows more clean and sustainable energy sources.
- Ability to access your energy use data via the internet or app to take steps to be more efficient.



AMI Meter Financial Cost

All of Duke Energy Utility customers will receive an AMI meter at no additional financial cost.



AMI Supports Clean Energy

Our Community in Asheville and Buncombe County is committed to creating a cleaner, smarter and more affordable energy future.

AMI is the first step in having an efficient energy management in our community. The data from your AMI meter is critical to help enable clean energy to be distributed throughout the grid and especially during peak load times.



Want to Know More?

Frequently Asked Questions

1. How will I know when the AMI meter will be installed?

You will be contacted by Duke Energy via a letter in the mail letting you know what day and time the AMI meter will be installed.

2. Will the AMI meter affect my electricity bill?

There will be no extra cost to use the AMI meter and your electricity bill will remain at normal monthly rates.

3. How many people in North Carolina use AMI meters?

Duke Energy Carolinas has installed more than 1.5 million so far.

<https://www.newsobserver.com/news/business/health-care/article213805099.html>

Want to Know More?

4. How does the AMI meter send data to the utility company?

The AMI meter transmits a wireless signal to wireless transmitters located periodically along the power lines grid sending the data back to Duke Energy.

5. What information does the AMI meter send to the utility company?

The AMI meter sends information about energy usage throughout the day and night about how much energy is used, the electrical load stability and if there are power outages.