



Smart Meters

October 14, 2015



Defining Smart Grid, AMI, Smart Meter

❑ Smart Grid

- Transcends the entire grid, technologies all along the grid to improve efficiencies

❑ AMI

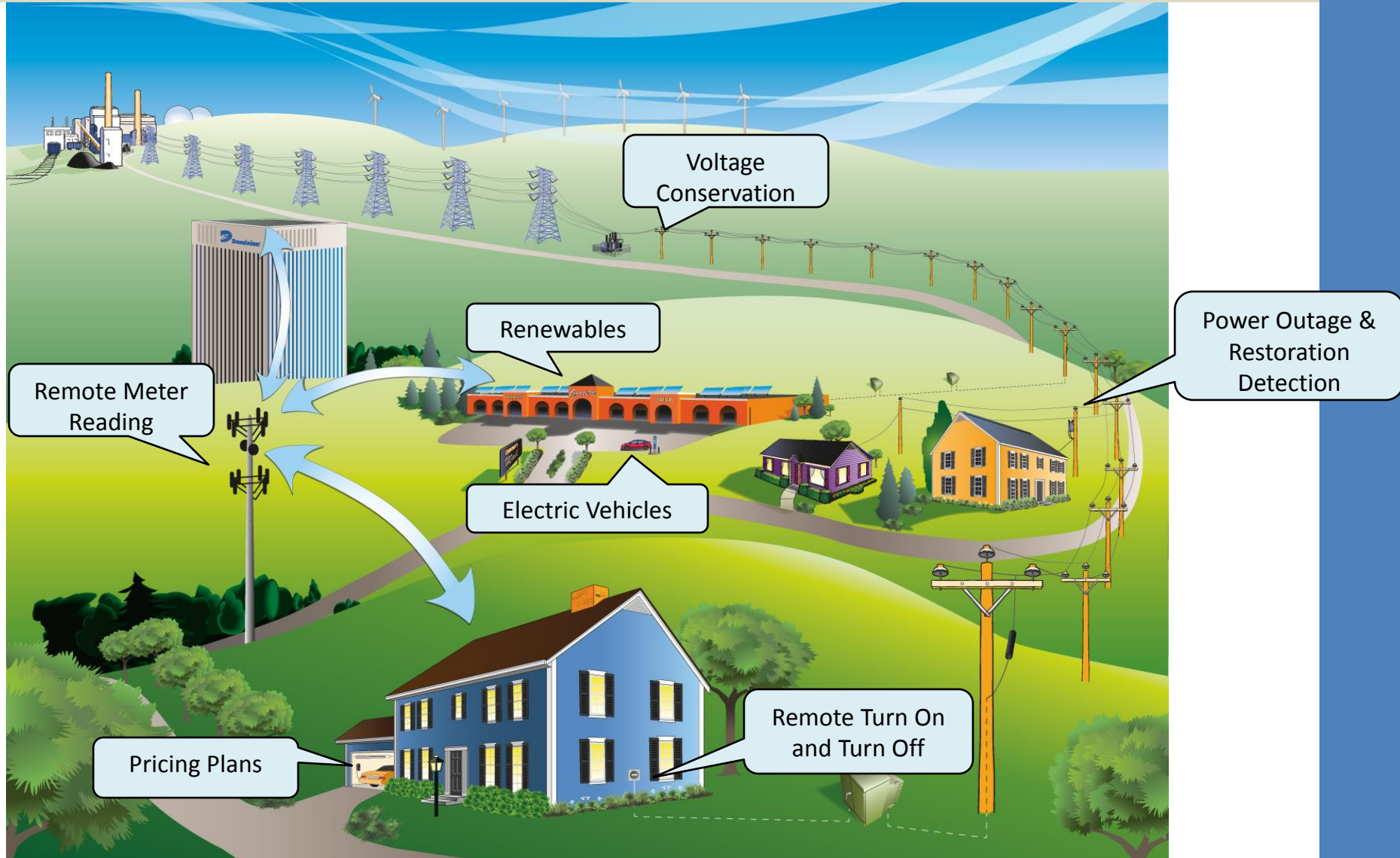
- Advanced Metering Infrastructure
- Meter coupled with IT and communication network

❑ Smart Meter

- Foundational technology for AMI and Smart Grid



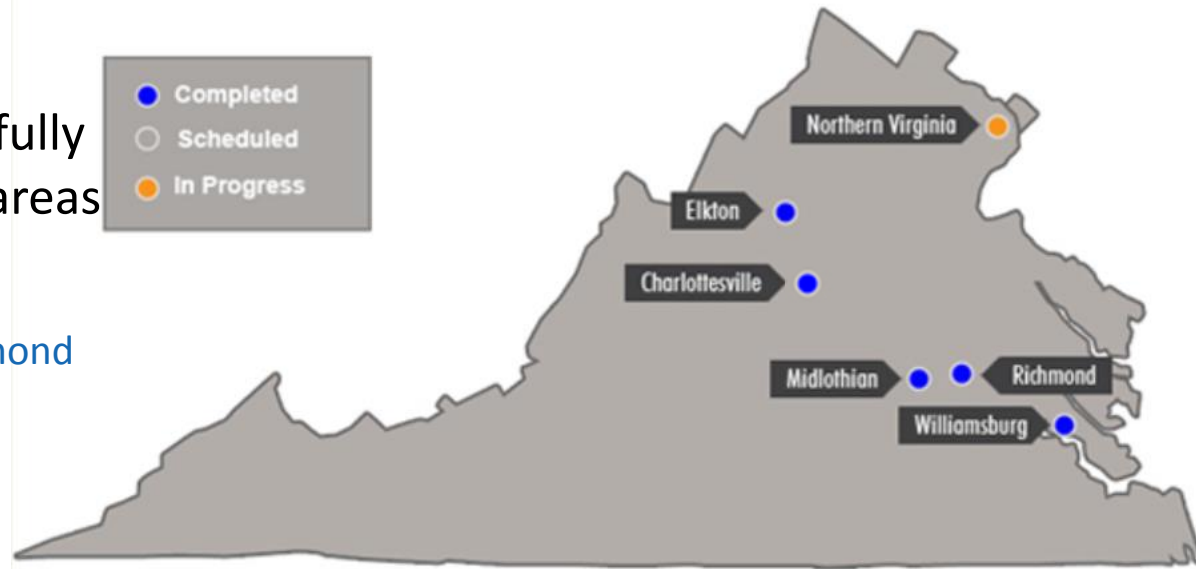
What makes the meter smart?



Smart Meter Locations

- More than 340,000 smart meters have been successfully deployed in 6 geographic areas in Virginia since 2009

- Midlothian, suburb of Richmond
- Areas of Charlottesville and Albemarle County
- Areas of Northern Virginia
- Downtown Richmond
- Areas of Williamsburg
- Areas of Blue Ridge



Customer Communications

Just like our linemen,
our new Smart Meters
will work hard for you.

By upgrading to new, advanced metering technologies,
we're investing in our infrastructure and in our customers.



Smart Meters: our newest metering technology for managing energy.

You're due for an upgrade. Soon, Dominion will be exchanging existing meters in your area for new Smart Meters. Why? To continue providing you with better service—like more reliable delivery of energy, better power-outage detection, faster problem resolution and remote meter reading. Smart meters also allow you to view your daily energy usage and participate in pricing plans which help you manage energy and costs.

*The meter upgrade will require only a momentary power interruption;
no need for you to make an appointment or be present during the exchange.*

For more information, including how to view your daily
energy usage, please visit dom.com/smartmeter

The meter upgrade will occur at:



THE EVOLUTION OF METER TECHNOLOGY

2010s



AMI
Advanced Meter Infrastructure

1990s



AMR
Automated Meter Reading

1980s



OMR
Off-Site Meter Reading

1950s



Simple Spinning Dial

Non-Communicating Meter Option

- ❑ Non-Communicating meters are Smart Meters with both the two-way communications and data storage features disabled.
- ❑ A company representative must manually read the meter each month.
- ❑ Eligibility:
 - Residential Customers
 - Customers on the Standard Rate (Schedule 1)
 - Non-Communicating Meters do not support complex meter scenarios.
- ❑ To learn more or start enrollment please call:
 - 1-866-566-6436
 - FAQs on Dom.com/smartmeter

Additional Resources

<https://www.dom.com/smartmeter>

ResidentialBusinessCorporate

Location: Virginia - Contact Us Sign In/Register

 | Dominion Virginia Power

Customer ServiceOutage CenterSafetyWays to SaveIn the CommunityNews

[Dominion Virginia Power](#) > [Customer Service](#) > Smart Meters



Smart Meters



Energy is Getting an Upgrade
New Smart Meters Installed

Installation Update

We continue to invest in smart meter technology in portions of Virginia. View a map of [smart meter locations](#) to see if you are in a smart meter area.

About Smart Meters

As technology has evolved over recent years, so has the way in which Dominion communicates with the meter. [Learn more](#) about how metering technology has advanced.

Dominion uses smart meters, communications and information technology infrastructure to promote energy conservation and environmental responsibility, and improve customer service and utility operations.

What are the benefits of a Smart Meter?

- [Detailed Energy Usage](#) – The ability for the customer to log into [Manage Your Account](#) to

Customer Service

- Manage Account
- Manage Service
- Billing Options
- Payment Options
- Rates and Regulation
- Smart Meters**
- Detailed Energy Usage
- Smart Meter FAQs
- Smart Meter Locations
- Strategic Underground Program
- Customer Service and FAQs

- Healthier environment** - Smart meter data collection means fewer trucks on the road, reducing emissions and benefiting the environment.
- Improved delivery of energy** - Through delivery of more consistent voltage levels, Dominion will be able to save on fuel at generating facilities and operating costs, the benefits of which will be passed onto the customer through responsible rates. [View a video to learn more.](#)
- Remote meter turn on and off** - Smart meters enable Dominion to turn your electric service on and off without having to send an employee to your home or business. [View a video to learn more.](#)
- Smart Pricing Plan** - Smart meters can measure energy usage every 30 minutes which enables Dominion to offer pricing plans that vary based on the time of day, providing you with a voluntary option for energy prices and an opportunity for savings. [View a video to learn more.](#)

What can Smart Meters provide in the future?

- Power outage detection** - Smart meters can notify Dominion when your power goes out and when it has been restored.

Smart Meter Information in other Languages

Smart Meter information is available in the following translations. They are available to download in Adobe PDF.

- [Korean](#)
- [Spanish](#)
- [Vietnamese](#)

Additional Information

- [Smart Meter Frequently Asked Questions](#)
- [Smart Meter PDF](#)
- [Smart Meters: Protecting Privacy](#)
- [Smart Meters: Radio Frequency](#)