Electric meters are undergoing their greatest makeover since the first meter was installed over 120 years ago. As all technology has evolved over recent years, metering technology has also evolved. Smart meters enable new capabilities to help customers conserve energy and help improve Dominion Energy’s operations. The smart meter is a fundamental component of the smart grid effort.
1970’s
- Simple Spinning Dial
- Monthly Reading and Manual Meter Reading

1980’s
- Spinning Disk with 1-way 900 MHz Radio
- Drive-by Meter Reading
- Monthly Reading (kWh)

1990’s
- Spinning Disk with 1-way 900 MHz Radio
- Drive-by Meter Reading
- Monthly Reading (kWh)

2010’s
- AMI Smart Meter (Advanced Metering Infrastructure)
- Digital Meter with 2-way Communications Using Cellular Data Modem with 900 MHz Radio
- Remote Meter Reading
- Daily Meter Reading (kWh)
- Demand (kW)
- Voltage (v)
- Reports Outages
- Reports Power Restoration
- Connect/Disconnect Device
- More Frequent Readings for Special Pricing

Key Features:
- Monthly Drive-by Reading
- 1-way Communication
- Manual Meter Reading
- Monthly Reading (kWh)