Key Elements of Providing Reliable Electric Service

**Generation**
- Portfolio must provide energy when customers use it
- Storage is a key issue
- Growing distributed generation

**Transmission**
- Larger, high-capacity lines
- Primarily Federal governance
- Sometimes forgotten part of renewable build-out

**Distribution**
- Smaller neighborhood and local lines
- Strategic undergrounding to improve reliability
- Most customer facing part of the business

**Customer Experience**
- Reliability is paramount
  - Rates
  - Options
  - Services
  - Security/Privacy
Residential Rates vary Greatly by State and Region

Residential rate comparison per kilowatt hour, U.S. Energy Information Administration, May 2019

- Dominion Energy Virginia: 11.38
- South Atlantic Average: 11.99
- National Average: 13.32
- Middle Atlantic: 16.02
- New England: 21.61

*Dominion Energy Virginia: Industrial rates effective July 1, 2019

Public Interest Finding for Solar and Wind

Legislative Provisions

- 5,000 megawatts of utility-scale solar or wind
- 500 megawatts of smaller-scale solar, including rooftop (50 MW)
- Offshore wind pilot project
- Energy storage pilot
- Grid transformation planning and approval process (includes EV infrastructure investments)
- Grid security focus (cyber and physical)
Energy Efficiency Offerings and the EnergyShare Program

A ten-year commitment over the life of the Act = $1 billion

- July 1, 2018: expanded *shareholder-funded* EnergyShare program ($130 million total)
  - Includes bill payment assistance and energy vouchers for veterans and people living with disabilities
  - Expands help for customers experiencing a significant financial crisis
  - Doubles program for free energy efficiency upgrades
  - You are invited to join us August 16, 10:00am at Alexandria Redevelopment & Housing Authority

- $870 million in energy efficiency programs to be developed in collaboration with stakeholders and filed over next decade
  - 3 of 4 tests related to costs vs. benefits must be passed
Next Steps

Actions Speak Louder

- Commercial offshore wind
- Electrification of transportation
- Large scale energy storage
- Brownfields solar
- Continuing to build on best in the nation model for contracted solar
- Rural broadband pilot