Advancing Transportation Electrification in Virginia

Tom Van Heeke
Policy Lead, Mobility and Climate Change
OUR VISION
IS TO CREATE A WORLD WITH
ZERO CRASHES
ZERO EMISSIONS
ZERO CONGESTION
Committed to an all-electric future

We want to put everyone in an EV, and we believe we have what it takes to do it. Beyond the societal benefits of an all-electric, zero-emissions future, we are going to drive an amazing ownership experience for our customers.

Mary Barra
Chairman and CEO
CHEVROLET BOLT EV

- Bolt EV has sold more than 58,000 in the U.S. since late 2016, making Chevy the #2 best-selling electric vehicle brand of all-time
- Bolt EV delivers an EPA estimated 259 miles of range on a single charge
- A new version launches in summer of 2021
- The 2022 Chevrolet Bolt EUV also launches in Summer, 2021 – it will be the first non-Cadillac vehicle to feature Super Cruise
• First crossover built using GM’s Ultium battery system
• First all-electric model in the Cadillac line-up
• Over 300 miles of range
• 150 kW DCFC charging
• Up to 19 kW Level 2 charging
• Supervised remote parking
• Available late 2022
REQUIREMENTS FOR BROADER EV ADOPTION

- Longer range at an affordable price
- Performance and utility across a range of vehicle types
- Ubiquitous charging infrastructure
- Supportive policies
HOW WE’RE ADVANCING INFRASTRUCTURE

• GM and EVgo will add **2,700 fast chargers** over the next five years, **tripling the size** of the country’s largest public fast charging network

• Most chargers will charge at least four vehicles simultaneously with **100-350 kW capabilities**

• **All chargers will be public** and available to owners of any make and model that use the CCS or CHAdeMO standards

• Powered by **100 percent renewable energy**

• Target customers include **drivers in 40 metro areas** who can’t install chargers at home and might not have access to workplace charging
ADVOCATING FOR POLICIES THAT ACCELERATE EV ADOPTION

- Improve **EV affordability and reward consumers**
  - Simple, reliable, compelling purchase incentives
  - Ownership perks such as HOV lane access privileges
  - No unreasonable and disproportionate EV registration fees

- Stimulate demand with **commercial and government fleet purchase requirements**

- **Harness the power of markets** with policies like TCI or LCFS
THANK YOU