

#### **Our Members**







































































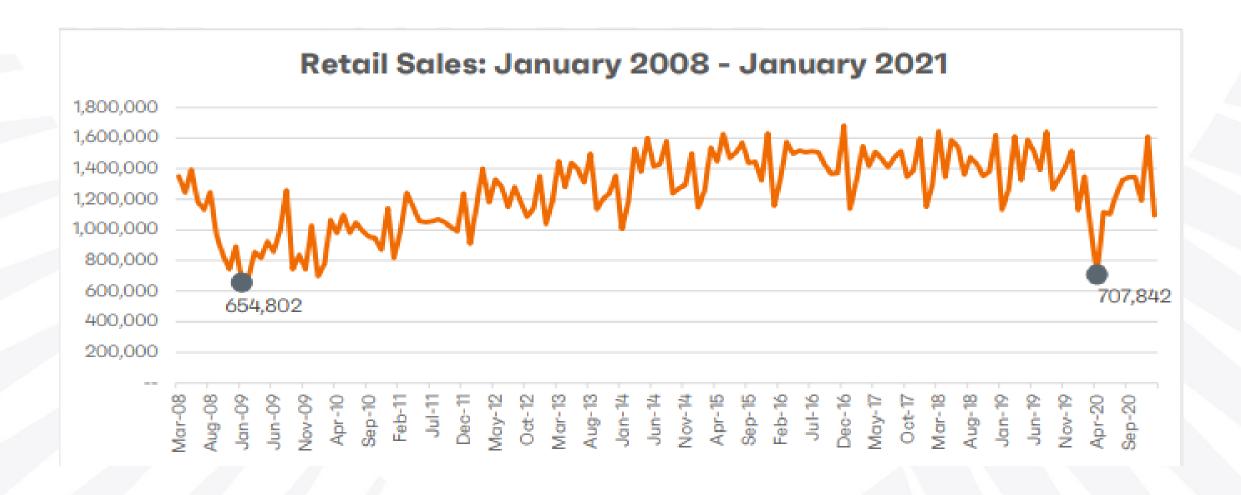




## Reading the Meter – Vehicle Sales Trends

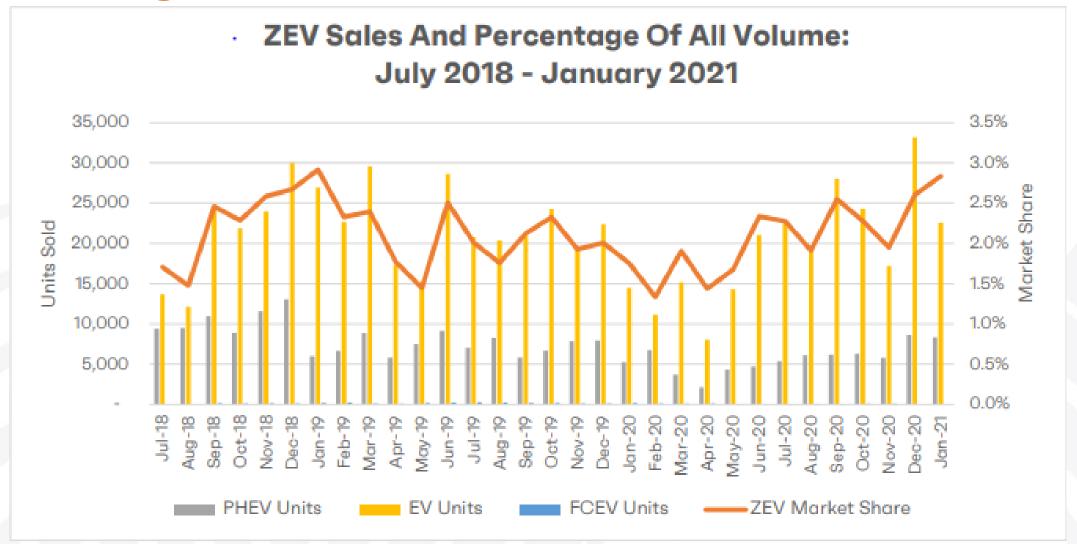


### Reading the Meter – All Vehicle Sales



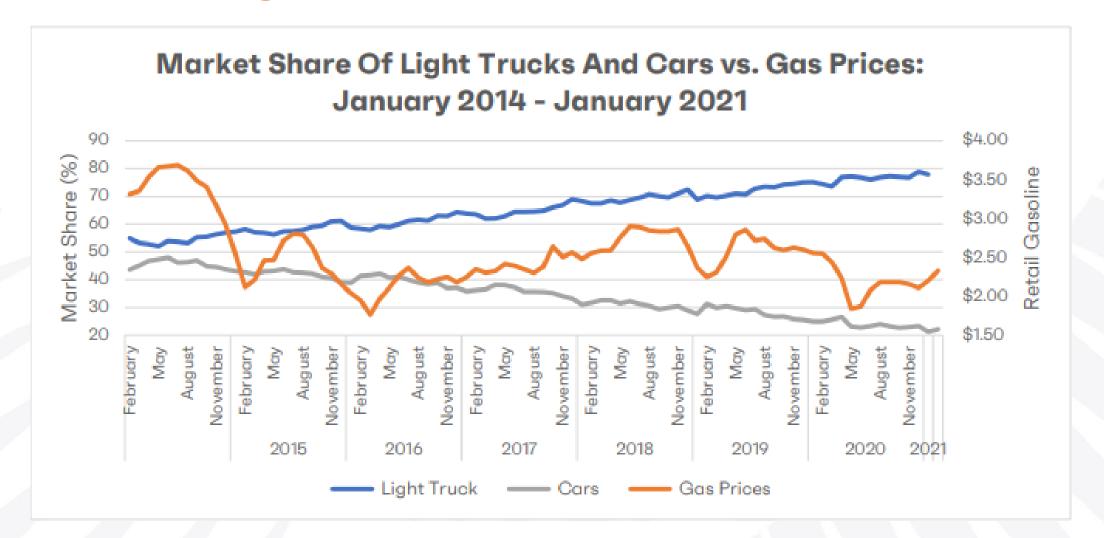


### **Reading the Meter – ZEV Sales**





### What's Driving the Market?

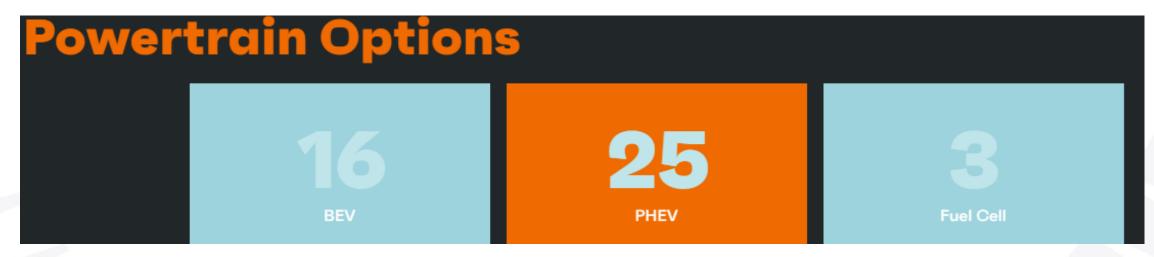




## All In: Industry Commitment to ZEVs



### The Industry is "All In" on ZEVs

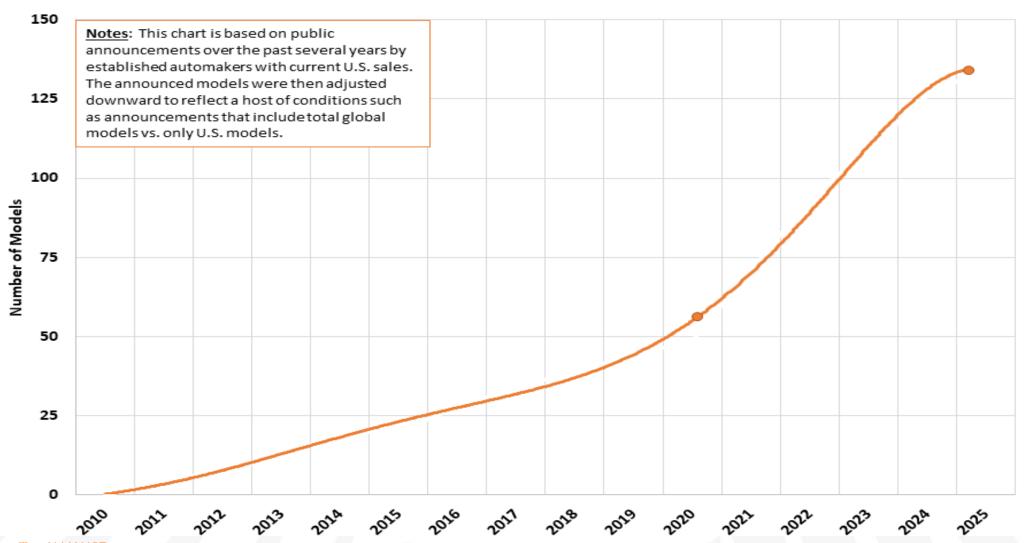


- More than 40 models of plug-in hybrid (PHEV), fully electric (BEV), and fuel cell electric vehicles (FCEV) are available now to consumers — and more are on the way.
- Our industry's investments in vehicle electrification are not slowing; investments are expected to reach over \$250 billion globally by 2023.
- With availability of models increasing rapidly, there will be more options to meet a wider variety of customer needs, and in general, all states – especially those with EV incentives and growing infrastructure investments – will have more available EVs for sale.
- At the same time, ongoing improvements have led to cleaner and more efficient light-duty vehicles; fuel economy has increased 30% since 2004, and tailpipe criteria emissions are over 99% cleaner than the 1960's.



### **Automakers Bringing More ZEVs to the Market!**

#### Estimated Number of FCEV, BEV, and PHEV Models

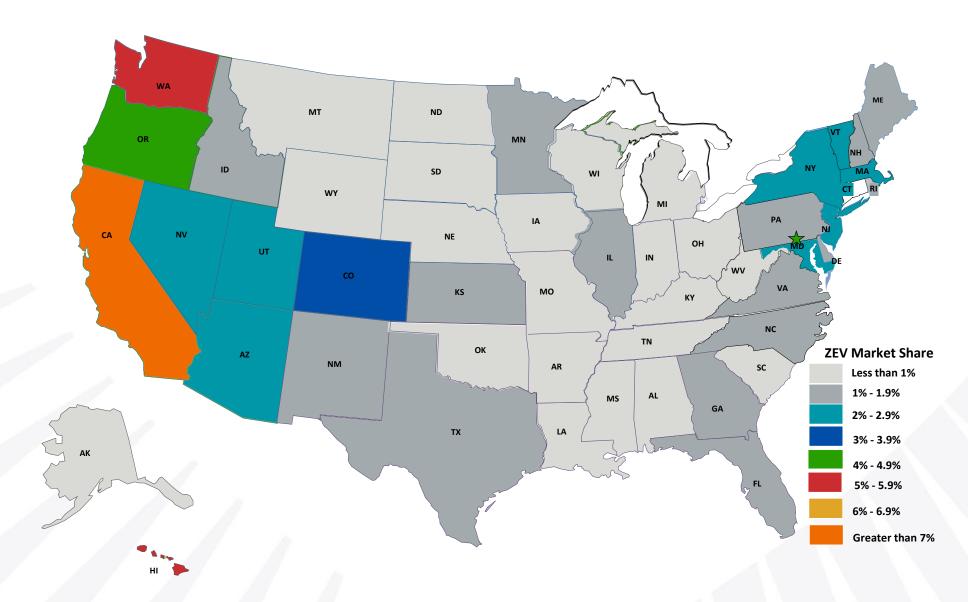




## Minnesota's ZEV Market

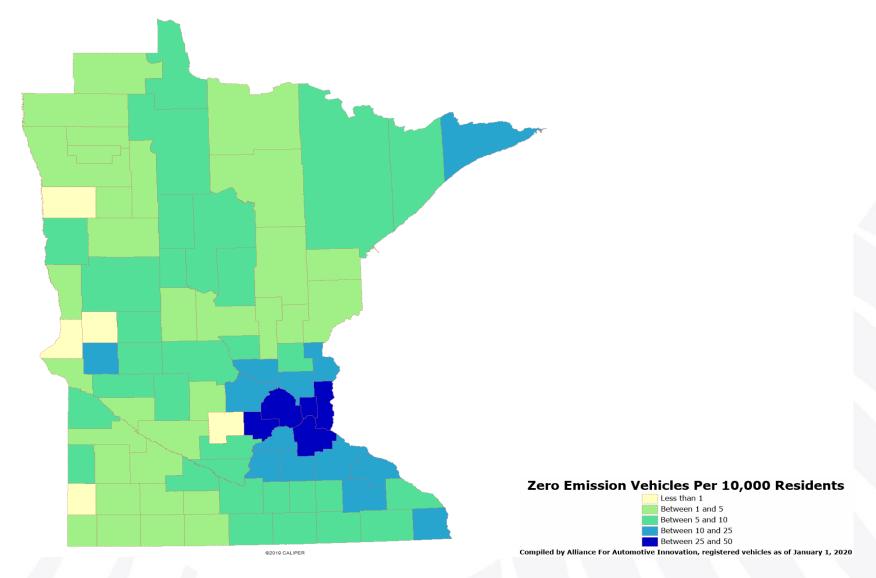


### **ZEV Sales Market Share By State: January – August 2020**



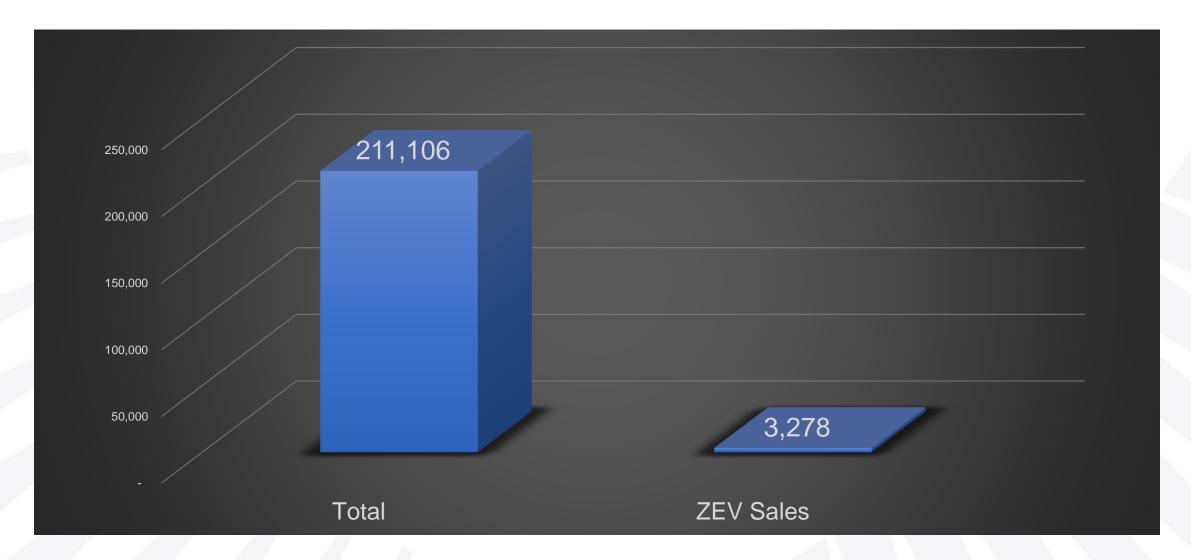


### Where are ZEVs Selling in Minnesota?





### **2020 Auto Sales in Minnesota**



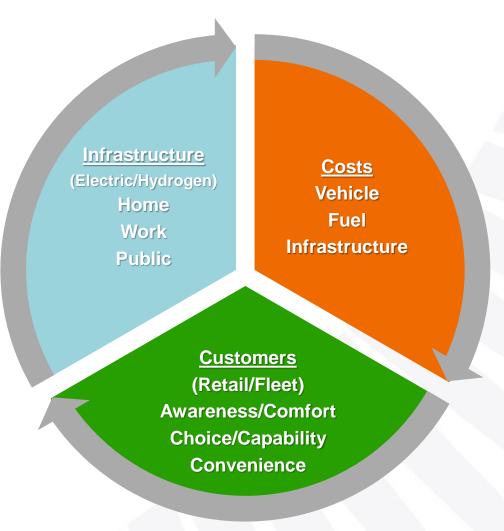


## Industry and the States – A Shared Commitment



#### **Electric Vehicle Future**

- Governments and automakers around the world focused on electrification
- Goals can only be achieved with a coordinated, comprehensive, and sustained effort by all stakeholders
- Broad electrification must address infrastructure, costs, and customers
- Auto Innovators developing policies to align vehicle deployment with supportive measures





### The Auto Industry is Committed to an Electrified Future

- Automakers are committed to electrification of personal transportation
- Automakers will actively support necessary complementary policies:
  - Incentives
  - Infrastructure
  - Fleet purchase requirements that match sales requirements
  - Low carbon fuel standard
  - Building codes
  - Streamlined infrastructure permitting
  - R&D to reduce costs
- Automakers will actively support targeted consumer education programs including public and private fleet purchase requirements



#### Minnesota Needs to Act Now

# Auto Innovators highly recommends adoption of complementary EV policies in Minnesota

- Purchase incentives EVs go to markets with the most supportive conditions
- State programs that educate and encourage consumers and fleets to buy electric
- State fleet purchase requirements
- Utility investments in infrastructure
- Cleaner, more renewable grid
- EV-ready requirements for all new buildings
- Decarbonization of fuels through a low carbon fuels programs and using its revenue to fund vehicle rebates and infrastructure
- More electric charging infrastructure along major roadways
- Funding a network of hydrogen stations Minnesota lacks California's three available fuel cell electric vehicles due to a lack of infrastructure.
- Reduced tolls and HOV lane use for EVs





**Transforming Personal Mobility**