Alliance for Transportation Electrification (ATE) Overview

• Established in late 2017 with launch at NARUC meeting in Baltimore – a 501.c.6 trade industry group for mutual benefit
• Goal is to establish a cross-sectoral trade industry association to work across sectors to accelerate transportation electrification (TE)
• Try to align interests among utilities, industry, environmental NGOs, transportation bodies and others
• Started with about 20 founding members, including Fortis, and has grown to about 50 members
• Laser-focused on State PUCs, state energy offices, and the state level to get constructive policies on TE
• Encourage Commissions, especially to become more forward-leaning, and proactive on policy
Current list of ATE Members

Utilities:
- Alliant Energy
- Ameren
- American Electric Power (AEP)
- Arizona Public Service (APS)
- Avista Corporation
- CenterPoint Energy (CMS)
- Detroit Edison (DTE Energy)
- Dominion Energy
- Duke Energy
- Exelon Utilities
- Fortis Inc. (and Central Hudson, Fortis BC, and others)
- Hawaiian Electric Company (HECO)
- ITC Holdings
- KCP&L / Evergy
- National Grid
- New York Power Authority (NYPa)
- Oncor Electric Delivery
- Pacific Gas & Electric (PG&E)
- PNM Resources
- Portland General Electric
- Puget Sound Energy
- Seattle City Light
- Southern California Edison (SCE)
- Salt River Project (SRP)
- Southern Company
- Tucson Electric Power Xcel Energy
- Xcel Energy

EV Infrastructure Firms:
- Shell-Greenlots
- Sema Connect
- Efacec
- EV-Box
- ABB
- EV Connect

Automotive:
- Audi-VW
- American Honda Motor Company
- Ford Motor Company
- General Motors
- Proterra

Engineering:
- Burns McDonnell

Affiliated Trade Organizations:
- CalETC
- Edison Electric Institute (EEI)
- Institute for Electric Innovation (IEI)
- National Rural Electric Cooperative Association (NRECA)
- Forth
- Plug in America

International Affiliates:
- Open Charge Alliance (OCA), the Netherlands
Broad Goals of ATE

- Facilitate the alignment of multiple interests – as broadly as possible
- Accelerate the deployment of all EV infrastructure at State level – address the “infrastructure gap”
- Argue for a strong utility role in this market transformation – a variety of market development models with non-utilities and vendors (RFP)
- Stress that interoperability and open protocols need to be implemented ASAP – before scaling up the private and public infrastructure with utility funding
Elements of a successful utility program

- Broad alignment of groups and interests – not necessarily all-party settlement, but strong support
- Robust stakeholder process, led by utility
- Commission technical and policy workshops in a proactive way – maybe a policy guidance statement or Order, prior to filings
- Develop a good RFP process to involve vendors and EVSPs
- Use the portfolio approach to spread costs and benefits across classes - take a phased, long-term view with strategy
Recent successes

• Michigan
  • DTE Energy (Commission approved in May 2019): Charging Forward. $13 Million overall, including residential, public infrastructure, demand charge holiday, E&O
  • CMS Energy (approved Jan 2019)

• Minnesota
  • Xcel Energy: Commission approved EV Guidance statement Dec 2018; 2 Xcel pilot programs approved April 2019 – EV Fleet Services, and Public Infrastructure; 4 more pilot programs are pending; total approved about $25 million; XLI (large industrials) appealing the Order

• Maryland
  • Exelon utilities (BGE, Pepco-PHI): resulted from an extensive stakeholder process (called PC 44, that started as a grid-mod proceeding) that finished in early 2018; Exelon utilities filed for about $105 million total, and received about $45 Million; used various components and portfolios ranging from residential to public infrastructure; ownership and operation approved on limited basis, along with the make-ready model; legal authority is sound
Recent good reference documents

• EPRI – Interoperability white paper, with EEI and ATE
  https://www.epri.com/#/pages/product/3002017164/

• EPRI – New cost-benefit test for electrification, called Total Value Test (TVT)

• RAP – Beneficial electrification

• Lawrence Berkeley National Laboratory, Future of Electricity Regulation (FEUR), #10: Transportation Electrification, by Jones, Levy, and Bosco