



Alliance for Transportation Electrification

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



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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)
<https://www.epri.com/#/press-releases/OwmWg6ZlladtWHQInA8Qp?lang=en-US>
- RAP – Beneficial electrification
- Lawrence Berkeley National Laboratory, Future of Electricity Regulation (FEUR), #10: Transportation Electrification, by Jones, Levy, and Bosco http://eta-publications.lbl.gov/sites/default/files/feur_10_transportation_electrification_final_20180813.pdf



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