

EW-2019-0229 Working Case Regarding EV Charging Stations and Staff Workshop

AGENDA

- 9:00 am Workshop Welcome – **Ms. Natelle Dietrich, Commission Staff Director**
- 9:10 am Regulatory Assistance Project (RAP) Presentation – Beneficial Electrification of Transportation, **Mr. David Farnsworth, RAP Senior Associate**
- 9:25 am KCPL/GMO Clean Charge Network (CCN) Tariff and KCPL Line Extension Tariff Specific to EV Charging Stations – **Mr. Chuck Caisley, Senior Vice President, Marketing, Public Affairs & Chief Customer Officer**
- 9:45 am Ameren Missouri Presentation of Alternative Incentive Programs – **Mr. Pat Justis, Manager of Energy Services**
- 10:05am Break (Roundtable Setup)
- 10:20 am Roundtable Discussion: “Make Ready Model” – **Moderator: Ms. Whitney Payne, Senior Counsel**

- What is the “Make Ready Model” – what should be included in the “Make Ready”?
- Line Extension for EV Charging Station
 - Option to waive line extension charges for separately metered EV charging stations that meet specific public policy considerations.
 - What public policy considerations must be met for an EV charging station to receive the incentive?

Discussion Group:

1. **RAP: Mr. David Farnsworth, Senior Associate**
2. **KCPL/GMO: Mr. Brad Lutz, Senior Manager, Regulatory Affairs**
3. **Division of Energy: Mr. Marty Hyman, Senior Energy Policy Analyst**
4. **Office of the Public Council: Dr. Geoff Marke – Senior Economist**
5. **Renew Missouri: Mr. Tim Opitz, General Counsel and Mr. Philip Fracica, Policy Organizer**

- 11:10 am Roundtable Discussion of Alternatives: Pro and Cons of Each Concept
Moderator: Mr. Brad Fortson, Utility Regulatory Manager
- ❖ Ownership Models
 - ❖ Third-Party Owner and Operators
 - ❖ IOU Ownership
 - a. IOU ownership with subsidies and without subsidies
 - ❖ Site Ownership and Operation
 - ❖ Cost Recovery Options

Discussion Group:

1. **Sierra Club: Mr. Andy Knott, Associate Attorney**
2. **KCPL/GMO: Mr. Mark Cosby, Senior Manager, Electrification and Trade Allies**
3. **Ameren Missouri: Mr. Steve Wills, Director of Rates & Analysis**
4. **Division of Energy: Mr. Marty Hyman, Senior Energy Policy Analyst**
5. **Office of the Public Counsel: Mr. John Clizer, Associate Counsel**
6. **RAP: Mr. David Farnsworth, Senior Associate**

12:10 pm Lunch (on your own)

1:30 pm Roundtable Discussion of Potential Policies for EV Charging Infrastructure Implementation That Provides the Most Benefit to the Grid – **Moderator: Mr. Byron Murray, Regulatory Economist**

1. What policies will promote deployment of EV charging stations?
2. What type of technology/charging equipment needs to be utilized?
3. What is the interoperability of the EV charging station?
4. Energy Storage with EV charging stations for mitigation of demand charges.
5. What are the anticipated system impacts of EV charging on-peak on the grid?
6. What are the potential impacts on the local distribution system?
7. Energy Star Certified EV Charging Station Requirements
 - o Network Communications for EV Charging Stations
 - o Commercial – Level 2 and DC Fast Charging
 - o Residential – Level 2 Charging Stations
8. Distribution System Upgrade Requirements
 - o Smart Meter Requirements
9. Ratemaking Policies – What will facilitate the most benefit for the grid?
 - o Time of Use Rates Specific to EV Charging

Discussion Group:

1. **The Alliance for Transportation Electrification: Mr. Bruce Edelston, Senior Advisor**
2. **Sierra Club: Mr. Andy Knott, Associate Attorney**
3. **KCPL/GMO: Ms. Kim Winslow, Director of Energy Solutions**
4. **Ameren Missouri: Mr. Steve Wills, Director of Rates & Analysis**
5. **Division of Energy: Mr. Marty Hyman, Senior Energy Policy Analyst**
6. **Office of the Public Counsel: Dr. Geoff Marke – Senior Economist**
7. **RAP: Mr. David Farnsworth, Senior Associate**

2:45 pm Next Steps – **Ms. Natelle Dietrich, Commission Staff Director**

3:00 pm Wrap Up – Thank you – **Ms. Natelle Dietrich, Commission Staff Director**