

## Working Case Regarding EV Charging Stations and Staff Workshop

**File No. EW-2019-0229**

Workshop Date: March 21, 2019 from 9 am to 3 pm, in Governor Office Building, Room 450

### AGENDA

9:00 am Workshop Welcome

9:10 am Regulatory Assistance Program (RAP) Presentation – Beneficial Electrification of Transportation – **Mr. David Farnsworth, Senior Associate**

9:25 am KCPL CCN Tariff and KCPL Line Extension Tariff Specific to EV Charging Stations

9:45 am Ameren Missouri Presentation of Alternative Incentive Programs

10:05 am Break (Roundtable Setup)

10:20 am Roundtable Discussion: “Make Ready Model”

- What is “Make Ready Model” – what should be included in “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?

11:10 am Roundtable Discussion of Alternatives: Pro and Cons of Each Concept

- Ownership Models
  1. Third-Party Owner and Operators
  2. IOU Ownership
    - a. IOU ownership with subsidies and without subsidies
  3. Site Ownership and Operation
- Cost Recovery Options

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

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
  - o Network Communications for EV 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

2:45 pm Next Steps

3:00 pm Wrap Up – Thank you