

**BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI**

In a Matter of a Working Case Regarding)
Electric Vehicle Charging Facilities) **File No. EW-2016-0123**

**AGENDA FOR MAY 25, 2016 WORKSHOP
9:30 A.M. – 4:30 P.M. IN ROOM 450, GOVERNOR OFFICE BUILDING
200 MADISON STREET, JEFFERSON CITY, MISSOURI**

- 9:30 Introduction and Welcome: **Natelle Dietrich, Commission Staff Director**
- 9:45 Legal Question Responses - Open Discussion
Moderator: Nathan Williams, Deputy Counsel, Staff Counsel
No Panel – Open Group Discussion of Legal Opinions
- 10:30 Panel: Are All Electric Vehicles (EV) Charging Stations Created Equal?
Moderator: Whitney Payne, Legal Counsel, Staff Counsel
Panelist:
- ✓ **James Ellis, ChargePoint**
 - ✓ **Ed Hedges, Consulting Engineer, KCPL**
 - ✓ **Noah Garcia, Schneider Fellow, Natural Resources Defense Council**
- Technical discussion of charging stations connectivity to various EVs
 - Industry standards for connectivity to the charging stations
 - What does the commission need to know about the charging stations?
 - Charging Station Network Grid Connectivity vs Solar Power
- 11:15 Break
- 11:30 Panel: Environmental Impacts of EV Charging Stations
Moderator: Byron Murray, Regulatory Economist, Commission Staff Division
Panelist:
- ✓ **Joseph Halso, Associate Attorney, Sierra Club**
 - ✓ **Dan Bowermaster, EPRI, Program Manager**
 - ✓ **Noah Garcia, Schneider Fellow, Natural Resources Defense Council**
- Emissions Decrease with Time of Use Rate
 - Encourage EV Charging Off-Peak
 - Renewable Energy Availability
 - Emissions Increase with No Time of Use Rate
 - Increased Demand at On-Peak
 - Distribution System Upgrades

- How is this funded?
- Clean Power Plan Compliance

12:15 Lunch Break

1:30 Panel: Project Funding: How should the project be funded?

Moderator: Nicole Mers, Legal Counsel, Staff Counsel

Panelist:

- ✓ **Barb Meisenheimer, Manager, Energy Policy & Resources, Division of Energy, Department of Economic Development**
 - ✓ **Kelly Gilbert, Program Director, Clean Cities, Metropolitan Energy Center**
 - ✓ **James Owen, Acting Public Counsel, Office of the Public Counsel**
 - ✓ **Darrin Ives, Vice President, KCPL**
- Ratepayer Recovery of All Cost
 - Tax Assessments
 - Federal/State Incentives

2:30 V2G - Vehicle to Grid Benefits of Electric Vehicle Charging Stations

Moderator: Michael Stahlman, Regulatory Economist, Commission Staff Division

Panelist:

- ✓ **Nick Nigro, Atlas Public Policy**
 - ✓ **Joseph Halso, Associate Attorney, Sierra Club**
 - ✓ **Dan Bowermaster, EPRI, Program Manager**
- Demand Response: Vehicle to Grid (V2G) Connectivity
 - EV Connectivity – Bi-Directional Charging
 - Load leveling impacts

3:15 Break

3:30 **Introduction: Natelle Dietrich, Commission Staff Director**

Kansas City Power and Light: EV Charging Station Presentation

- ✓ **Chuck Caisely, Vice President**

3:50 Open Discussion: **Natelle Dietrich, Commission Staff Director**

4:15 Next Steps and Closing Remarks - **Natelle Dietrich, Commission Staff Director**