

Electrify Heartland Plan

Appendix F: EV Business Coalition



Project title: Kansas – Missouri
Community Readiness for EV and EVSE

Funded by: US DOE DE-EE0005551

By: Metropolitan Energy Center
and Kansas City Regional Clean Cities Coalition

With: Black & Veatch





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Electrify Heartland Plan

Electrify Heartland Project Abstract

Electrify Heartland is an electric vehicle planning project managed by Metropolitan Energy Center. It is a product of the Greater Kansas City Plug-In Readiness Initiative, co-chaired by Kansas City Regional Clean Cities Coalition. Our goal is to produce a regional plan to prepare public resources and secure the economic and environmental benefits of plug-in vehicles within targeted metro areas with estimated 2.7M population. The targeted metro areas include Kansas City, MO & KS; Jefferson City, MO, Wichita, KS; Salina, KS; Lawrence, KS; and Topeka, KS. (14 Counties: Cass, Clay, Cole, Douglas, Jackson, Johnson, Leavenworth, Miami, Platte, Ray, Saline, Sedgwick, Shawnee, Wyandotte).

Electrify Heartland Steering Committee

Team	Organization	Name
Charging Stations	Initiatives	Troy Carlson
Charging Stations	LilyPadEV	Larry Kinder
Charging Stations	Logios	Gustavo Collantes
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Government Policy	Black & Veatch	Bill Roush
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Public Education	Nation Ranch Marketing, Inc.	Bill Patterson
Training	Kansas City Kansas Community College	Bob McGowan
Training	National Electrical Contractors Association	Jim Cianciolo
Utility Grid	Black & Veatch	Sam Scupham
Vehicle & Fleet	University of Missouri at Kansas City	Henry Marsh

Exhibit i-i. Electrify Heartland Steering Committee Members



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Appendix F: EV Business Coalition

Synopsis

This appendix to the Electrify Heartland Plan describes the recommended activities of businesses wishing to join an EV Business Coalition. These recommendations are taken from the Greater Kansas City Plug-in Readiness Strategy.

Section Authors:

Roland Maliwat, Kansas City Power & Light, and the incentives team of the Greater Kansas City Plug-in Readiness Task Force.



Purpose and Method

- Establish a coalition of Kansas City businesses that are committed to promoting the early adoption of electric vehicles (EV) within the metro area. Administration by the Kansas City Regional Clean Cities Coalition.
- Commitments required to sign on (see below).
- Benefits include recognition, reduced Scope 3 GHG emissions, increased employee satisfaction and retention.

Business Membership Commitments

Required Commitments

- Install at least one charging station at one of their KC-based facilities.
- Allow employees to charge their EVs free at this facility.
- Offer at least \$5K (in aggregate) in cash incentives for employees purchasing EVs.
- Actively promote EV availability to their local employee base.
- Become a member or affiliate member of Kansas City Regional Clean Cities Coalition

Optional activities

- Offer “energy passes” for free public charging.
- Adopt the MARC Smart Commute Program to ensure employees purchasing EVs record their impact on reducing KC GHG emissions.
- Offer discounted employee EV purchasing through corporate vehicle purchasing programs.
- Integrate EVs into company fleet.
- Offer preferred parking for employees who have purchased EVs.

Considerations for Business Members

- Average cost for charging stations, installed: \$10,000-14,000.
- Solutions to charging without a station through a 120-volt outlet, using the vehicle’s supplied charging cord.
- Typical charging costs.
- Based on a typical workplace commute, average costs to charge a Nissan Leaf would equal \$1.75 per day.
- Discounted EV purchasing.
- Include employee EV discounts with corporate discounts offered through auto manufactures.
- Energy Passes.
- Prepaid credit cards can be used by various charging providers.
- RFID cards should be considered if available.
- EV Education.
- Provide accurate information to debunk the myths around the capabilities and availability of mass market EVs.



- Inform employees of programs and opportunities available through CPP coalition partnership.