

HalfMoon Education Live Continuing Education Webinars

Developing Infrastructure for Electric Vehicles

Online - Thursday, November 10, 2022 | 9:30 am - 4:30 pm CST

Credits:

Professional Engineers: 6.0 PDHs

Architects: 6.0 HSW CE Hours AIA: 6.0 LU|HSW

Certified Planners: CM|6

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Webinar Agenda | Thursday, November 10, 2022 | 9:30 am - 4:30 pm CST (including a 30-min. break)

Types and Capabilities of Electric Vehicles:

BEVs and PHEVs = EVs

- EV market introduction
- Overview of BEVs, PHEVs, EVs vs. ICEs
- Barriers and opportunities for EVs
- Explore various applications

Charging Infrastructure, Equipment, and Terminology

- Basic EV-related terminology and acronyms
- Levels and types of EV charging infrastructure
- Players in the EV charging space
- EV charging equipment requirements

Charging Infrastructure Modeling and Design

- Siting and applications of level 2 charging infrastructure
- Siting and applications of direct current fast charging infrastructure
- Review basic design schematics and design components

Electric Grid Requirements and Commitments from Utilities

- Grid and site requirements for level 2 charging infrastructure
- Grid and site requirements for direct current fast charging infrastructure
- EV Make-ready and other typical infrastructure programs
- Utility commitments for EV charging infrastructure

Local Requirements and Regulations

- Land use implications and consideration of EV charging infrastructure
- Land use, zoning, and building code requirements for EV charging infrastructure
- Other building standard recognition (e.g. LEED)
- Deploying EV charging infrastructure: working with community and potential pitfalls

Incentives, Funding, and Innovations

- Incentives and how to find them
- Funding available
- Infrastructure Investment and Jobs Act details you should know
- Innovations on the horizon

Presented by

Sarah R. Davis, AICP

Founder + CEO | S.R.D. Consulting, LLC

Tuition

- \$319** for individual registration
- \$289** for two or more registrants from the same company at the same time.

Included with your registration: PDF seminar manual.

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Recordings of this webinar are available for purchase. See details online for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

Credit Information

This webinar is open to the public and is designed to qualify for 6.0 PDHs for professional engineers and 6.0 HSW continuing education hours for licensed architects in all states that allow this learning method. Please refer to specific state rules to determine eligibility.

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The American Institute of Architects Continuing Education System has approved this course for 6.0 LU/HSWs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

HalfMoon Education is an approved CM Provider with the American Planning Association. This course is registered for CM | 6 for Certified Planners.

Attendance will be monitored, and attendance certificates will be available after the webinar for those who attend the entire course and score a minimum 80% on the quiz that follows the course (multiple attempts allowed).

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