

# The Possibilities of EV Charging

FOR BUILDING OWNERS, ASSOCIATIONS, AND COMMUNITIES

September 28 | 2:30-4PM EST

## EMPOWERED SOLUTIONS WEBINAR SERIES



**FSEC Energy  
Research Center**  
UNIVERSITY OF CENTRAL FLORIDA



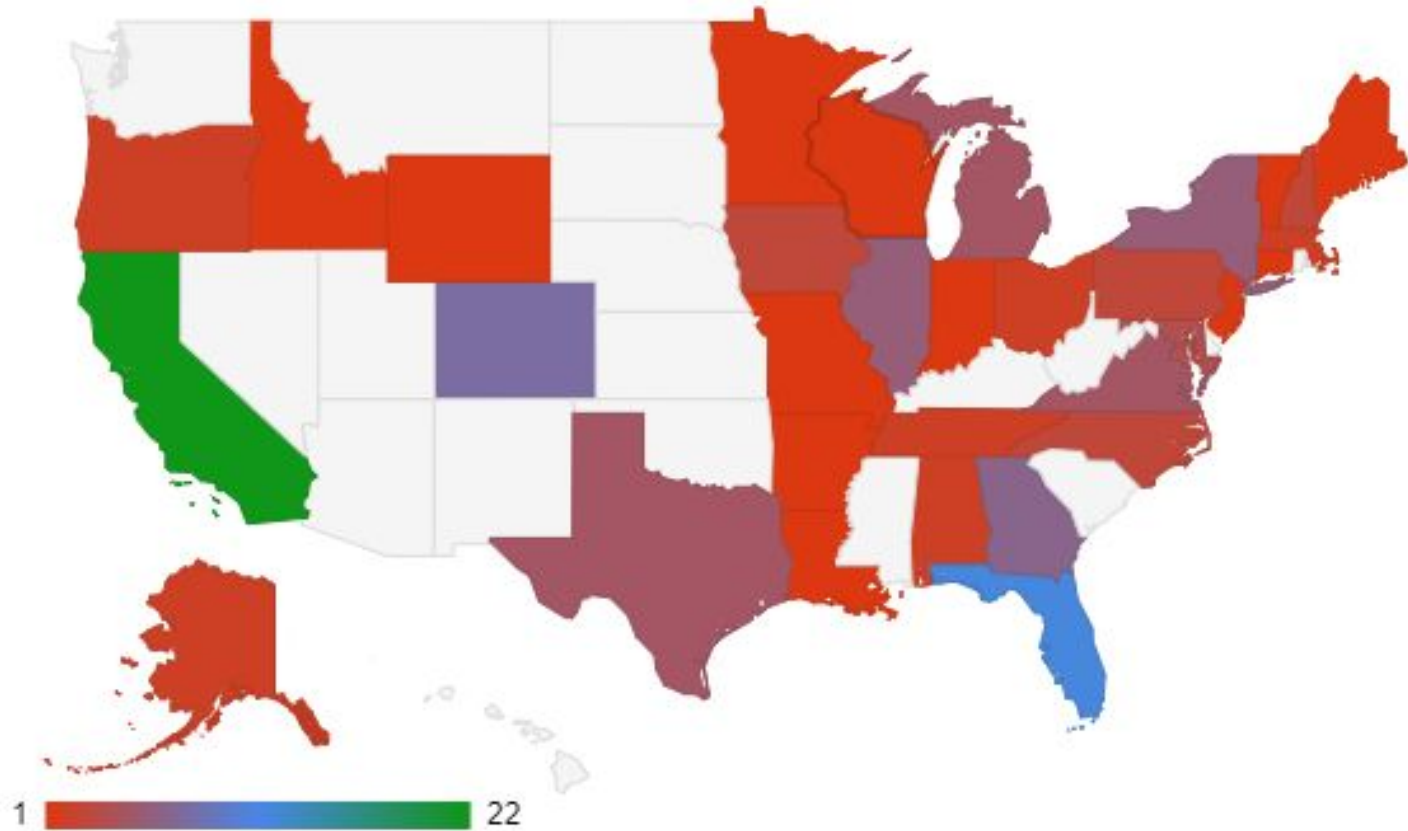
**Pacific Northwest  
NATIONAL LABORATORY**



**SEEA**  
SOUTHEAST ENERGY EFFICIENCY ALLIANCE



**slipstream**









## 1906 Pope Waverley Electric Carriage

*Billed as ‘the lady’s car’ because it required no cranking.*

*If charged overnight, it could be driven roughly 1.5 hours before being charged.*

**IREC builds the foundation for rapid adoption of clean energy and energy efficiency to benefit people, the economy, and our planet.**





# EMPOWERED

Education  
Materials for  
Professional  
Organizations  
Working on  
Efficiency and  
Renewable  
Energy  
Developments





Secretary Jennifer Granholm

@SecGranholm



DOE is working in partnership to train the workforce for our clean energy buildings future—building operators, managers, safety officials. Thank you [@IRECUSA](#) [@SouthfaceInst](#) [@NewBldgsInst](#) :



ngtnews.com

DOE, IREC, NBI, Southface Offer Resources to Advance Cl...  
Three clean energy organizations have formed a partnership to provide educational resources and training on clean ...

7:01 AM · Jun 4, 2022 · Twitter for iPad

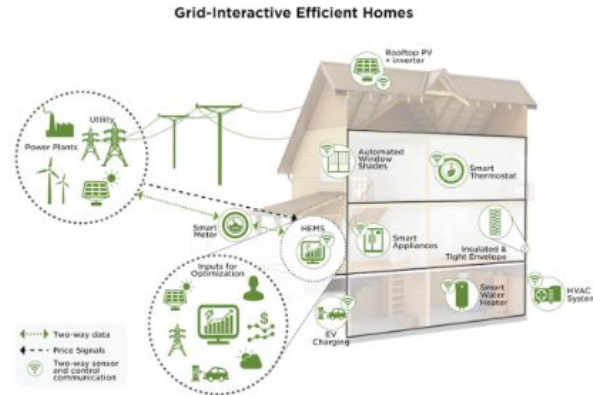
# CleanEnergyClearinghouse.org

## Clean Energy Educational Resources

Educational resources are hosted on the Sustainable Energy Action Committee site.

*Current resources include:*

- Net Zero Buildings Week: Clean Energy Resources from Industry Leading Organizations
- Energy Storage Basics for AHJs and Beyond Webinar
- Solar PV Systems: Job Aids for a Consistent Plan Review Process
- Preparing to Inspect Your First PV System
- Inspecting the Building of the Future
- Distributed Energy Resource Codes and Standards
- A Checklist for Building Owners Considering Solar Energy
- Electric Vehicle Charging for Building Owners



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# CleanEnergyTraining.org

## CEU-BEARING PLAN REVIEW AND PERMITTING FOR SOLAR PV

Register for either or both of these groups of courses to earn a Certificate of Completion that can be presented to the CEU-awarding entity. You may also register for individual courses below instead.


### Structural Elements: Plan Review & Permitting of Residential Rooftop Solar PV Systems

 Contains 6 Component(s). Includes Credits

Practice how to review the review of plan applications for structural-related tasks prior to issuing a building permit.




### Electrical Elements: Plan Review & Permitting of Residential Rooftop Solar PV Systems

 Contains 11 Component(s). Includes Credits

Learn how to evaluate aspects of the plan prior to issuing an electrical permit for a residential rooftop solar PV system.



### Plan Review - Test your knowledge!

 Contains 3 Component(s)

Take this 10 question quiz to see how you would evaluate the residential rooftop solar PV plan for compliance.



# Today's Program

- Introduction
- EV 101
- EV charging permitting and inspection best practices
- EV-ready provisions in codes
- Planning to install EV charging
- Available resources
- Answers to FAQs submitted as part of registration
- More Q&A
- Summary & Next Steps

# On to the Program

# Summary

- Include EV-readiness provisions in ordinance or code and streamline permitting and inspection process
- There are vehicle charging innovations and resources available for Multi Unit Dwellings
- Federal programs will be available to fund the installation of EVSE
- Plan ahead for the deployment of charging infrastructure



## Next Steps

1. Visit the Handouts tab for slides and downloadable resources
2. View one of our 5-minute resources:  
[CleanEnergyClearinghouse.org](https://www.CleanEnergyClearinghouse.org)
3. Start the planning process NOW to take advantage of available resources and funding

## Resources

- Joint Office of Energy and Transportation
  - <https://driveelectric.gov/>
- [Local EV Policy Toolkit](#), Electrification Coalition
  - <https://www.electrificationcoalition.org/resource/local/>
- Multi Unit Dwelling Charging Tool Kit, Energetics, Forth Mobility. (July 2022)
  - <https://vci-mud.org/>
- [Promoting Electric Vehicle Charging Station Installations](#), NYSERDA, Energetics, and WXY architecture (Aug 2019)

What impacts the safe installation  
of energy storage systems?

OCTOBER 25 | 11:30AM-1PM PT | 2:30-4PM ET

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## Stay in touch!

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## Webinar Series

# EMPOWERED SOLUTIONS

## The Possibilities of EV Charging



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**Jessica Wilcox**

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Manager, Energetics



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