



## Plug-In Electric Vehicle Readiness Scorecard

The Plug-In Electric Vehicle Readiness Scorecard helps communities assess their readiness for the arrival of plug-in electric vehicles (PEVs) and electric vehicle supply equipment (EVSE).

PEVs are an exciting new transportation option that has the potential to benefit a community's economy, energy security, and environment. As local and regional leaders know, PEV readiness is a community-wide effort, requiring charging infrastructure, planning, regulations, and support services. This scorecard supports these efforts by helping leaders in cities, counties, and larger regions:

- Evaluate a community's PEV readiness
- Receive feedback about strengths and offer ways to improve
- Record and track progress toward PEV readiness.

### Get started evaluating your community.

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The U.S. Department of Energy (DOE) encourages you to collaborate with local and regional stakeholders when using this tool to evaluate your community's PEV readiness.

This tool was developed by DOE's [Clean Cities](#) program.

*This data is being collected to assist the U.S. DOE Clean Cities program in facilitating the integration of alternative fueled vehicles and fueling infrastructure technologies. The data you supply will be used for facilitating the integration of plug-in electric vehicle (PEV) technologies into communities.*

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*Submission of this data is voluntary.*

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Home

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Planning

**Market**

Utility

Education

Finance

Process

**RESULTS**

### Section 1: Planning

### Long-Term Vehicle and Infrastructure Planning

#### PLANNING TOPICS

**Planning and  
Collaboration**

Market Potential and  
Analysis

#### Topic 1

### Planning and Collaboration

1. Does your area have, or is your area in the process of creating, a comprehensive plan for PEV infrastructure deployment?

☐ No ☐ Yes ☐ I don't know

2. Has your area created a collaborative group of local stakeholders to help align PEV interests and plan for deployment?

☐ Yes ☐ No ☐ I don't know

3. Has an elected leader in your area (for example, mayor or governor) appointed a single agency or person to oversee the development and implementation of a PEV infrastructure deployment plan?

☐ No ☐ Yes ☐ I don't know

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### Section 1: Planning

### Long-Term Vehicle and Infrastructure Planning

#### PLANNING TOPICS

[Planning and  
Collaboration](#)[Market Potential and  
Analysis](#)

#### Topic 2

### Market Potential and Analysis

1. Has someone in your area performed an analysis to select the best locations for initial public EVSE?

☐ No ☐ Yes ☐ I don't know

2. Has your area selected a cohesive set of signage to designate and direct drivers to EVSE?

☐ No ☐ Yes ☐ I don't know

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[Idle Reduction](#)[Parts & Equipment](#)[Maintenance](#)

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## Section 2: Market Plug-In Vehicle Market Conditions

### MARKET TOPICS

PEV, EVSE, and  
Service Availability

Plug-in Vehicle  
Projections

#### Topic 3

### Plug-in Vehicle, EVSE, and Service Availability

1. How many PEV models do you expect to be available for purchase or lease in your area during the next one to two years? If more than 10, please enter the expected number of available models in the notes section below.

☐ Less than 3 ☐ 3 to 5 ☐ 6 to 10 ☐ More than 10 ☐ I don't know

Enter any additional notes:

2. How many dealerships in your area are currently selling PEVs?

☐ None ☐ 1 ☐ 2 to 10 ☐ More than 10 ☐ I don't know

3. How many public EVSE charging outlets are currently in service in your area? Note: An electric charging station may have multiple charging outlets.

☐ None ☐ Less than 10 ☐ 10 to 25 ☐ More than 25 ☐ I don't know

4. What percentage of PEV buyers are installing residential level 2 (240 V) EVSE in your area?

☐ Less than 25% ☐ 25% to 49% ☐ 50% to 75% ☐ Greater than 75% ☐ I don't know

5. How many public EVSE charging outlets do you anticipate will be constructed in your area during the next one to two years? Note: An electric charging station may have multiple charging outlets.

☐ None ☐ Less than 10 ☐ 10 to 25 ☐ More than 25 ☐ I don't know

6. How many workplace EVSE charging outlets do you anticipate will be constructed in your area during the next one to two years? Note: An electric charging station may have multiple charging outlets.

☐ None ☐ Less than 10 ☐ 10 to 25 ☐ More than 25 ☐ I don't know

PREVIOUS

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INCENTIVES

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Planning

Market

Utility

Education

Finance

Process

**RESULTS**

### Section 2: Market

### Plug-In Vehicle Market Conditions

#### MARKET TOPICS

PEV, EVSE, and  
Service Availability**Plug-in Vehicle  
Projections**

#### Topic 4

### Plug-in Vehicle Projections

1. How many PEVs are in use by government fleets (federal, state, and local) in your area?

☐ None ☐ Less than 5 ☐ 5 to 10 ☐ More than 10 ☐ I don't know

2. How many PEVS are in use by private and utility fleets in your area?

☐ None ☐ Less than 10 ☐ 10 to 25 ☐ More than 25 ☐ I don't know

3. How many PEVs do government fleets (federal, state, and local) in your area plan to add in the next one to two years?

☐ None ☐ Less than 10 ☐ 10 to 25 ☐ More than 25 ☐ I don't know

4. How many PEVs do private and utility fleets in your area plan to add in the next one to two years?

☐ None ☐ Less than 25 ☐ 25 to 50 ☐ More than 50 ☐ I don't know

PREVIOUS

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[Planning](#)
[Market](#)
[Utility](#)
[Education](#)
[Finance](#)
[Process](#)
[RESULTS](#)

### Section 3: Utility Utility Involvement

#### UTILITY TOPICS

[Electricity Rates and Programs](#)
[Utility Planning and Implementation](#)

#### Topic 5

### Electricity Rates and Programs

1. Do utilities in your area have a program to address grid infrastructure requirements and operational impacts of PEV charging?

☐ No ☐ Yes ☐ I don't know

2. Do utilities in your area offer a separate rate for PEV charging? If so, please use the notes section to describe the rate.

☐ No ☐ Yes ☐ I don't know

Enter any additional notes:

3. Do utilities in your area offer any tools to help consumers understand the costs and benefits of PEVs under different rate structures?

☐ No ☐ Yes ☐ I don't know

[PREVIOUS](#)
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Planning

Market

Utility

Education

Finance

Process

RESULTS

### Section 3: Utility Utility Involvement

#### UTILITY TOPICS

Electricity Rates and  
ProgramsUtility Planning and  
Implementation

#### Topic 6

### Utility Planning and Implementation

1. Are the utilities in your area engaged in local efforts to deploy PEVs and charging infrastructure (for example, participation in planning efforts, working with local jurisdictions to understand building permitting and codes, or working with public utility commissions on how to help with PEV rollouts)?  
  
☐ No, not engaged ☐ Yes, somewhat engaged ☐ Yes, moderately engaged ☐ Yes, highly engaged ☐ I don't know
2. Have the utilities in your area analyzed the impacts of PEVs on the local grid or forecasted the location of potential PEV concentrations?  
  
☐ No ☐ Yes ☐ I don't know
3. Is there a procedure in your area to notify utilities before installing EVSE so they can plan for additional demand?  
  
☐ No ☐ Yes, via automated reporting ☐ Yes, via voluntary reporting ☐ I don't know
4. Have the utilities in your area deployed "smart grid" technologies, like smart meters, to assist with development of future PEV markets and capabilities?  
  
☐ No ☐ Yes, planned in next 2-5 years ☐ Yes, as a pilot with limited coverage  
☐ Yes, with full implementation for PEV owners ☐ I don't know

PREVIOUS

SAVE AND CONTINUE



## Section 4: Education Education and Outreach

### EDUCATION TOPICS

#### Educational and Outreach Efforts

#### Topic 7

### Educational and Outreach Efforts

1. Does your area have a website that provides local information about PEVs and charging infrastructure?

☐ No ☐ Yes ☐ I don't know

2. Does your area utilize Clean Cities educational resources for PEVs, such as the Alternative Fuels Data Center, FuelEconomy.gov, or local Clean Cities coalition websites? Use the notes section to explain.

☐ No ☐ Yes ☐ I don't know

Enter any additional notes:

3. Does your area work with a national outreach program to encourage the use of PEVs (for example, Clean Cities, Project Get Ready, or National League of Cities)? Use the notes section to explain.

☐ Yes ☐ No ☐ I don't know

Enter any additional notes:

4. Is there regional- or state-level coordination for educational efforts in your area?

☐ No ☐ Yes ☐ I don't know

PREVIOUS

SAVE AND CONTINUE



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Planning

Market

Utility

Education

Finance

Process

RESULTS

## Section 5: Finance

## Laws, Incentives, and Financing

## FINANCE TOPICS

## Laws and Incentives

## Financing

## Topic 8

## Laws and Incentives

1. Does your area offer a tax incentive, grant, or rebate to purchase highway-certified PEVs? If yes, indicate the maximum amount allowable per vehicle.

☐ No ☐ Less than \$1000 ☐ \$1001 to \$2000 ☐ \$2001 to \$3000 ☐ More than \$3000 ☐ I don't know

2. Does your area have a tax incentive, grant, or rebate for residential or public charging equipment? If yes, indicate the maximum allowable per installation.

☐ No ☐ Less than \$250 ☐ \$251 to \$500 ☐ More than \$750 ☐ I don't know

3. What low-cost or non-monetary incentives does your area offer for PEVs? Check all that apply.

☐ Free parking ☐ HOV lane access or bypassing taxi queues ☐ Free charging ☐ Reduced licensing or registration fees  
☐ Exemption from vehicle testing (e.g., emissions) ☐ I don't know

Enter any additional notes:

4. Does your area have any existing policies that benefit PEVs (for example, local fleet mandates to use electric vehicles, low carbon fuel standards, greenhouse gas emission regulations, or planning/zoning requirements for new construction to include EVSE provisions)? Use the notes section to explain.

☐ Yes ☐ No ☐ No, our laws restrict PEV use ☐ I don't know

Enter any additional notes:

2. Does your area have a tax incentive, grant, or rebate for residential or public charging equipment? If yes, indicate the maximum allowable per installation.

☐ No ☐ Less than \$250 ☐ \$251 to \$500 ☐ More than \$750 ☐ I don't know

3. What low-cost or non-monetary incentives does your area offer for PEVs? Check all that apply.

☐ Free parking ☐ HOV lane access or bypassing taxi queues ☐ Free charging ☐ Reduced licensing or registration fees  
☐ Exemption from vehicle testing (e.g., emissions) ☐ I don't know

Enter any additional notes:

4. Does your area have any existing policies that benefit PEVs (for example, local fleet mandates to use electric vehicles, low carbon fuel standards, greenhouse gas emission regulations, or planning/zoning requirements for new construction to include EVSE provisions)? Use the notes section to explain.

☐ Yes ☐ No ☐ No, our laws restrict PEV use ☐ I don't know

Enter any additional notes:

5. Are there any future laws, policies, or incentives pending or planned that would affect the deployment of PEVs in your area? Use the notes section to explain.

☐ Yes, there are proposed policies that will encourage PEVs ☐ Yes, there are proposed policies that will restrict PEVs  
☐ Neither ☐ I don't know

Enter any additional notes:

PREVIOUS

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Case Studies

Publications

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Home

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 [My Scorecards](#)  [Print Questions](#)  [Logout](#)

To get started, select one of the section tabs below and begin answering the questions under each topic area. Your answers are saved automatically. You do not need to answer all the questions in order or in one sitting.

Planning

Market

Utility

Education

Finance

Process

**RESULTS**

### Section 5: Finance Laws, Incentives, and Financing

#### FINANCE TOPICS

Laws and Incentives

**Financing**

#### Topic 9 **Financing**

1. Does your area have any financing or special purchase options for PEVs or EVSE?

☐ No ☐ Yes ☐ I don't know

PREVIOUS

SAVE AND CONTINUE

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#### Fuels & Vehicles

Biodiesel

Electricity

Ethanol

Hydrogen

Natural Gas

Propane

#### Conserve Fuel

Idle Reduction

Parts & Equipment

Maintenance

Driving Behavior

Fleet Rightsizing

System Efficiency

#### Locate Stations

Search by Location

Map a Route

#### Laws & Incentives

Search

Federal

State

Key Legislation

#### Data & Tools

Widgets

Data Downloads

APIs

#### About

Project Assistance

News & Features

Spanish Resources

Contacts

## PEV Scorecard: screenshot test



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[Print Questions](#)



[Logout](#)

To get started, select one of the section tabs below and begin answering the questions under each topic area. Your answers are saved automatically. You do not need to answer all the questions in order or in one sitting.

Planning

Market

Utility

Education

Finance

Process

**RESULTS**

### Section 6: Process

## Electric Vehicle Supply Equipment (EVSE) Permitting and Inspection Process

### PROCESS TOPICS

**Application Process**

Information Access  
and Assistance

Permit and Inspection  
Fees

Installation Workforce  
Training

### Topic 10

## Application Process

1. How long does it take an EVSE owner or site manager to complete the permitting, installation, and inspection process?

☐ Less than 1 day ☐ 1 to 2 days ☐ 2 days to 1 week ☐ More than 1 week ☐ I don't know

2. What are the options for submitting an EVSE permitting application? Check all that apply.

☐ Online ☐ In-person ☐ By telephone ☐ Mail ☐ I don't know

Enter any additional notes:

3. What EVSE-specific permits have been developed in your area? Check all that apply.

☐ Residential ☐ Commercial/workplace ☐ Public ☐ Fast charger ☐ None ☐ I don't know

PREVIOUS

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[My Scorecards](#) [Print Questions](#) [Logout](#)

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Planning

Market

Utility

Education

Finance

Process

RESULTS

### Section 6: Process

## Electric Vehicle Supply Equipment (EVSE) Permitting and Inspection Process

#### PROCESS TOPICS

[Application Process](#)[Information Access and Assistance](#)[Permit and Inspection Fees](#)[Installation Workforce Training](#)

#### Topic 11

### Information Access and Assistance

1. Where can applicants find information about the EVSE permitting process? Check all that apply.

☐ Online ☐ Telephone hotline ☐ Print publications ☐ Training sessions ☐ Other/Not Available ☐ I don't know

Enter any additional notes:

2. Is there an accessible, designated point of contact for questions about the EVSE permitting process?

☐ No ☐ Yes ☐ I don't know

Enter any additional notes:

[PREVIOUS](#)[SAVE AND CONTINUE](#)

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Publications

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About

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 [My Scorecards](#)  [Print Questions](#)  [Logout](#)

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Planning

Market

Utility

Education

Finance

Process

**RESULTS**

### Section 6: Process

## Electric Vehicle Supply Equipment (EVSE) Permitting and Inspection Process

#### PROCESS TOPICS

Application Process

Information Access and Assistance

**Permit and Inspection Fees**

Installation Workforce Training

#### Topic 12

### Permit and Inspection Fees

1. What is the average fee for a residential EVSE permit and inspection? If your area charges a separate fee for these two services, add the two together.

☐ \$0-50 ☐ \$51-100 ☐ \$101-300 ☐ \$301-500 ☐ More than \$500 ☐ I don't know

2. What is the average fee for a commercial EVSE permit and inspection? If your area charges a separate fee for these two services, add the two together.

☐ \$0-50 ☐ \$51-100 ☐ \$101-300 ☐ \$301-500 ☐ More than \$500 ☐ I don't know

PREVIOUS

SAVE AND CONTINUE

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Biodiesel

Electricity

**Conserve Fuel**

Idle Reduction

Parts & Equipment

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**Laws & Incentives**

Search

Federal

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Widgets

Data Downloads

**About**

Project Assistance

News & Features

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LOCATE  
STATIONS

LAWS &  
INCENTIVES

Maps & Data

Case Studies

Publications

**Tools**

About

Home

[EERE](#) » [AFDC](#) » [Tools](#) » [Plug-In Electric Vehicle Readiness Scorecard](#)

[Printable Version](#)

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Planning

Market

Utility

Education

Finance

Process

**RESULTS**

### Section 6: Process

## Electric Vehicle Supply Equipment (EVSE) Permitting and Inspection Process

### PROCESS TOPICS

Application Process

Information Access  
and Assistance

Permit and Inspection  
Fees

**Installation Workforce  
Training**

### Topic 13

## Installation Workforce Training

1. Are there EVSE installer training or certification programs available for electricians in your area? If so, please enter the program name(s) in the notes section below.

☐ No ☐ Yes ☐ I don't know

Enter any additional notes:

2. Have permitting inspectors in your area been trained on the specifics of EVSE installations?

☐ No ☐ Yes ☐ I don't know

PREVIOUS

**RESULTS**