



# Energy-Saving

HOMES, BUILDINGS,  
& MANUFACTURING

U.S. DEPARTMENT OF  
**ENERGY** | Energy Efficiency &  
Renewable Energy

## Accessing DOE's Many Energy Efficiency Resources and Technical Assistance

[energy.gov/eere/slsc/EEopportunities](https://energy.gov/eere/slsc/EEopportunities)

# DOE Provides Support for Clean Energy Planning & Implementation

Based on inquiry and resources available, technical assistance can include...

## Existing Resources

## Launching New Projects

**Published Resources**  
Provide resources or links to toolkits, guides, webinars, data, and other technical materials

**Partnerships / Initiatives**  
Share opportunities to join or leverage work from existing facilitated efforts

**Expand Efforts Underway**  
Add new info, cases, or partners to existing projects to address a request

**DOE Expert Consultations**  
Provide access to DOE and Lab staff for consultation and/or analytical assistance

**Direct Funding**  
Provide funding through DOE funding announcements (e.g., SEP competitive, SunShot)

# Wide Range of DOE Existing Resources & Partnerships Available

Typical Lead			Savings Pathways	Example Best Practice Programs, Policies, EM&V
Private Sector	S/L Gov't	Utility		
		✓	Ratepayer-Funded Efficiency Programs	State and Local Energy Efficiency Action Network
✓	✓	✓	Industrial Efficiency	Superior Energy Performance
✓	✓	✓	Combined Heat and Power	CHP Technical Assistance Partnerships
✓	✓		Energy Savings Performance Contracting	Better Buildings ESPC Accelerator
	✓	✓	Building Energy Codes	Building Energy Codes Analyses of Savings
	✓		City-Led Energy Efficiency Efforts	Better Buildings Challenge
	✓	✓	Low Income Energy Efficiency	Home Performance with ENERGY STAR

S/L Gov't = state or local government

# New Overarching Resources on Energy Efficiency Savings Opportunities & Benefits

Visit: [energy.gov/eere/slsc/EEopportunities](https://energy.gov/eere/slsc/EEopportunities)

## [Guide for States: Energy Efficiency as a Least-Cost Strategy to Reduce Greenhouse Gases and Air Pollution, and Meet Energy Needs in the Power Sector](#)

New State and Local Energy Efficiency Action Network (SEE Action) resource presents five demand-side energy efficiency “pathways” for achieving savings. Find:

- case studies of successful regional, state, and local approaches
- sources for more information
- resources to understand the range of expected savings from energy efficiency
- common protocols for documenting savings

## [Pathways Presentations: How Specific Energy Efficiency Opportunities Can Support State Climate and Energy Planning](#)

A cross-cutting overview and seven additional presentations (one for each pathway) of features and benefits associated with including energy efficiency opportunities in climate and energy plans, covering:

- current activity at the national and state levels
- best practices
- energy savings examples
- cost-effectiveness
- evaluation, measurement, and verification (EM&V) approaches
- DOE support

# Industrial Sector Resource Highlights

Typical Leads	Savings Pathways	Direct Technical Assistance
<ul style="list-style-type: none"> <li>• Private Sector</li> <li>• State / Local Utilities</li> </ul>	<p><b>Industrial Efficiency</b></p> <hr/> <p><b>Combined Heat and Power</b></p>	<ul style="list-style-type: none"> <li>• <a href="#">Superior Energy Performance</a></li> <li>• <a href="#">Better Buildings Better Plants</a></li> <li>• <a href="#">Industrial Assessment Centers</a></li> <li>• <a href="#">CHP Technical Assistance Partnerships</a></li> </ul>

## Best Practice Programs and Policies

- [Industrial Energy Efficiency: Designing Effective State Programs for the Industrial Sector](#)
- [Superior Energy Performance \(SEP\) Guide for the Development of Energy Efficiency Program Plans](#) (NEW)
- [SEP Cost Effectiveness Screening Tool](#) (NEW)
- [SEP Program Planning Template](#) (NEW)
- [SEP Program Transition Tables](#) (NEW)

## Evaluation, Measurement, and Verification (EM&V) Resources

- ❖ [Superior Energy Performance EM&V Protocol](#)
- ❖ Uniform Methods Project Protocols for Strategic Energy Management/Super Energy Performance (forthcoming, Summer 2016)
- ❖ Uniform Methods Project Protocols for CHP (forthcoming, Summer 2016)

# Commercial / Public Sector Resource Highlights

Typical Leads	Savings Pathways	Direct Technical Assistance
<ul style="list-style-type: none"> <li>• State / Local</li> <li>• Utilities</li> </ul>	Building Energy Codes	• <a href="#">Building Energy Codes Program</a>
	Energy Savings Performance Contracting	• <a href="#">Better Buildings ESPC Accelerator</a>
	City-Led Energy Efficiency Efforts	• <a href="#">Better Buildings Challenge</a>
	Ratepayer-Funded Efficiency Programs	• <a href="#">Better Buildings Alliance</a> • <a href="#">State Energy Program</a>
	Combined Heat and Power	• <a href="#">CHP Technical Assistance Partnerships</a>

## Documentation of Best Practice Programs and Policies

- [State and Local Solution Center](#)
- [Benchmarking and Disclosure: State and Local Policy Design Guide and Sample Policy Language](#)
- [New York City Benchmarking and Transparency Policy Impact Evaluation Report](#)
- [Energy Data Access Toolkit](#)

## Evaluation, Measurement, and Verification (EM&V) Resources

- ❖ [DOE Benchmarking & Transparency Policy and Program Impact Evaluation Handbook](#)
- ❖ [Assessment of Automated Measurement and Verification \(M&V\) Methods](#)
- ❖ [FEMP M&V Guidelines Version 4](#)

# Residential Sector Resource Highlights

Typical Leads	Savings Pathways	Direct Technical Assistance
<ul style="list-style-type: none"> <li>• State / Local</li> <li>• Utilities</li> </ul>	<b>Building Energy Codes</b>	<ul style="list-style-type: none"> <li>• <a href="#">Building Energy Codes Program</a></li> </ul>
	<b>Low Income Energy Efficiency</b>	<ul style="list-style-type: none"> <li>• <a href="#">Weatherization Assistance Program</a></li> <li>• <a href="#">Home Performance with ENERGY STAR</a></li> </ul>
	<b>Ratepayer-Funded Efficiency Programs</b>	<ul style="list-style-type: none"> <li>• <a href="#">Home Energy Score</a></li> <li>• <a href="#">Zero Energy Ready Home</a></li> <li>• <a href="#">Better Buildings Residential Network</a></li> </ul>

## Documentation of Best Practice Programs and Policies

- [Weatherization Assistance Program Technical Assistance Center](#)
- [Building America Solution Center](#), [Better Buildings Residential Program Solution Center](#)
- [SEE Action Policy Makers' Guide to Home Energy Upgrades](#) (NEW)

## Evaluation, Measurement, and Verification (EM&V) Resources

- ❖ [Achieving Energy Savings and Emission Reductions from Building Energy Codes: A Primer for State Planning](#)
- ❖ [Savings and Cost Analysis for Zero Energy Ready Homes](#)
- ❖ [EM&V of Residential Behavior-Based EE Programs Guide](#)
- ❖ [Home Energy Upgrade Program Cost-Effectiveness Screening Tool](#)
- ❖ Cost/Benefit Report on Home Upgrade Program Models (forthcoming, Spring 2016)

# Cross-Cutting Resource Highlights

Typical Leads	Topics	Direct Technical Assistance
<ul style="list-style-type: none"> <li>• State / Local</li> <li>• Utilities</li> </ul>	<p>State Energy Planning</p> <hr/> <p>Evaluation, Measurement &amp; Verification</p> <hr/> <p>Financing (e.g., on bill, PACE)</p>	<ul style="list-style-type: none"> <li>• <a href="#">State Energy Program</a></li> <li>• <a href="#">DOE Technical Assistance Program</a></li> </ul>

## Documentation of Best Practice Programs and Policies

- [Energy Efficiency Savings Opportunities and Benefits](#)
- [SEE Action Guide: Energy Efficiency as a Least-Cost Strategy to Reduce Greenhouse Gas Emissions and Meet Energy Needs in the Power Sector](#)
- [State and Local Solution Center](#)
- 2015 Energy Efficiency Financing Snapshot: A Market Review and Guide for State and Local Governments (forthcoming, Spring 2016)

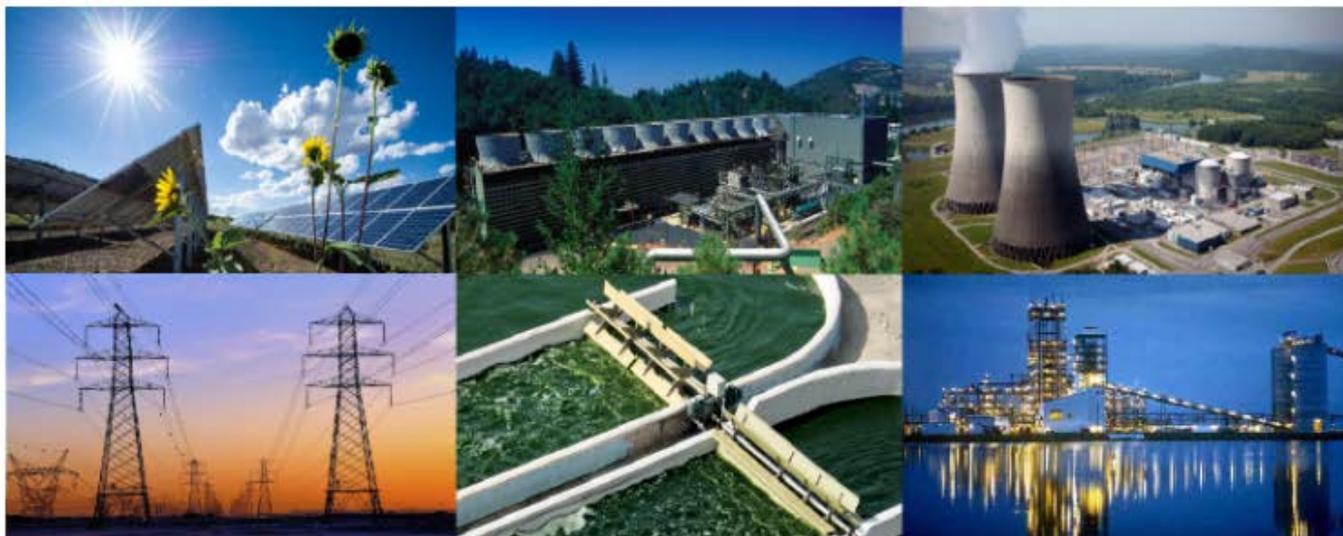
## Evaluation, Measurement, and Verification (EM&V) Resources

- ❖ [Uniform Methods Project](#)
- ❖ [Energy Efficiency Program Impact Evaluation Guide](#)
- ❖ [Energy Efficiency Under Alternative Carbon Policies: Incentives, Measurement, and Interregional Effects](#)
- ❖ Evaluator Certification (forthcoming, 2016)

# Fastest Way to Access Technical Assistance



## STATE, LOCAL AND TRIBAL TECHNICAL ASSISTANCE GATEWAY



### [Frequently Asked Questions](#)

[Featured Topic: Greenhouse Gas Reduction Strategies in the Electric Power Sector](#)

### [CONTACT US](#)

For more information about technical assistance at the Department of Energy, contact us via [e-mail](#).

## ENERGY.GOV/TA

The State, Local and Tribal Technical Assistance Gateway provides an access point to DOE's technical assistance and cooperative activities with state, local and tribal officials. Through its [program and staff offices](#), DOE has engaged extensively with various levels of state, local and tribal governments, providing technical assistance on a range of energy issues. Our existing technical assistance and other activities, as well as relevant information offered by other federal agencies, are provided below by program or topic.

If you're a state, local or tribal official, or a representative from an organization of such officials, with a specific question or need for assistance, [email us](#) and we'll work collaboratively across the DOE to address your inquiry. Responses could include access