



EM&V: Concepts, Definitions, and Context

ICC Policy Session
February 27, 2017



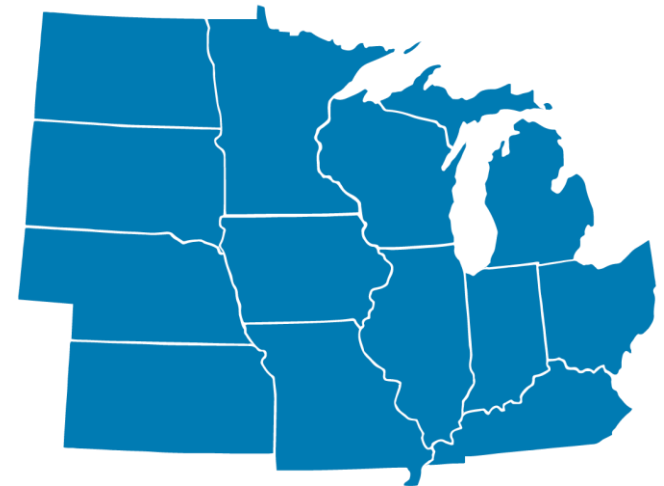
About MEEA

The Trusted Source on Energy Efficiency

We are a nonprofit membership organization with **160+ members**, including:

- Utilities
- Research institutions
- State and local governments
- Energy efficiency-related businesses

As the key resource and champion for energy efficiency in the Midwest, MEEA helps a diverse range of stakeholders understand and implement cost-effective energy efficiency strategies that provide economic and environmental benefits.



What is EM&V and M&V 2.0

The Counterfactual

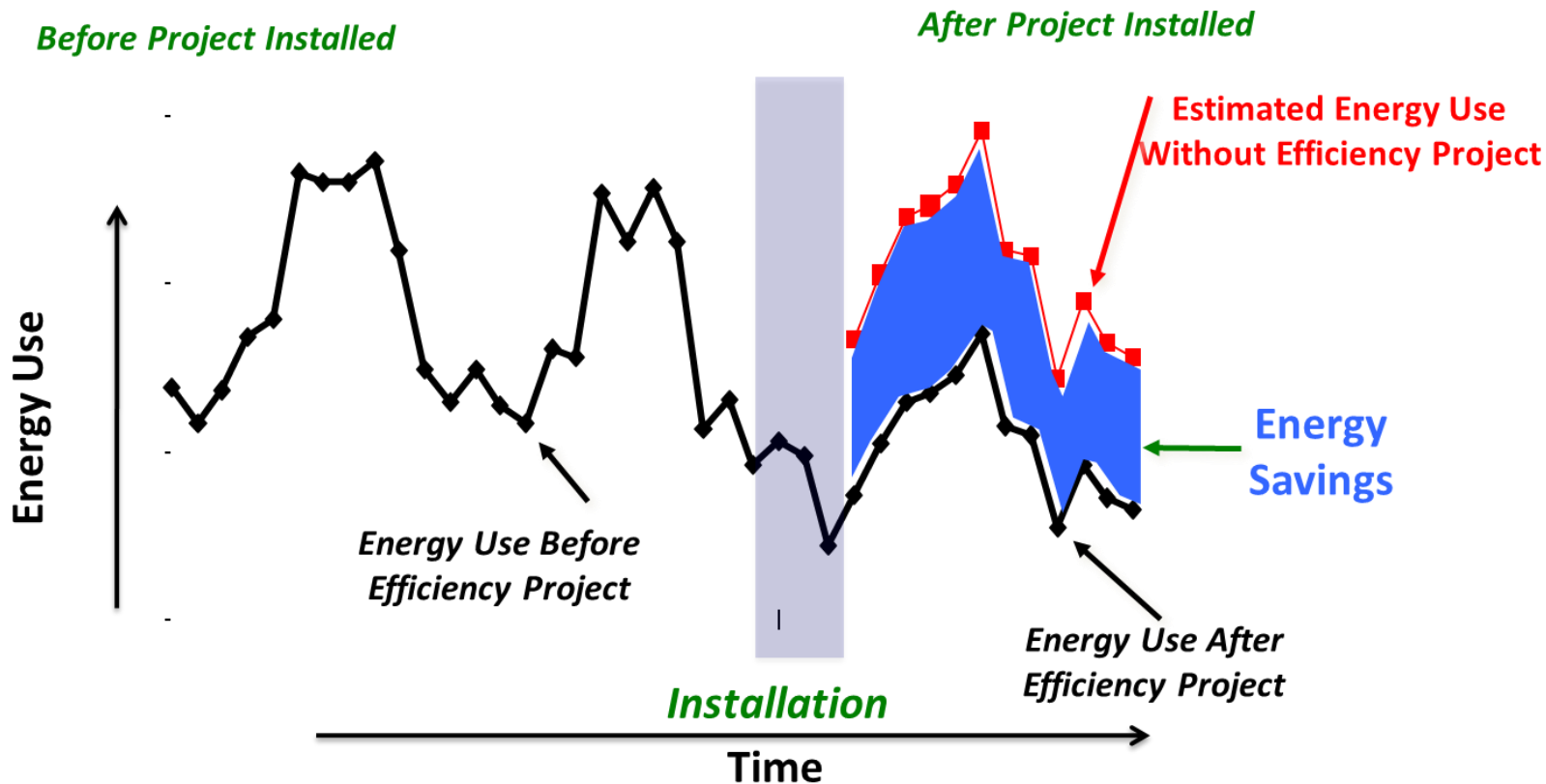


Image Source: Lawrence Berkeley National Lab

EM&V Is Part Of A Process

Planning, Implementation, Evaluation

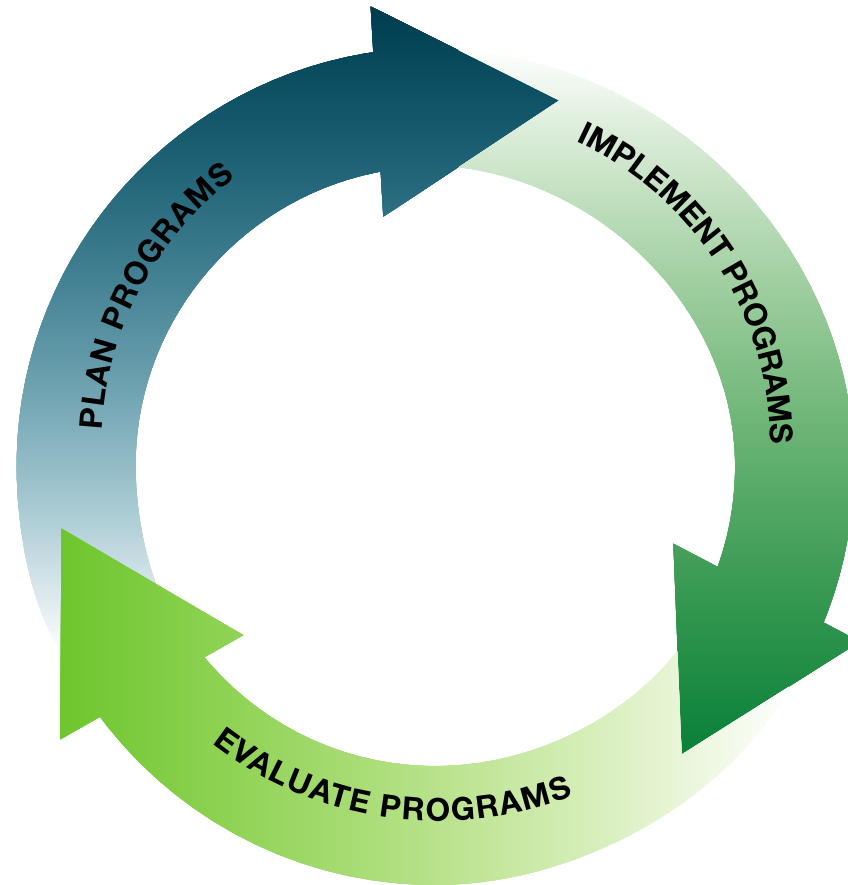


Image Source: Lawrence Berkeley National Lab

Key Terms

EM&V

- Impact Evaluations
- Deemed Savings
- Technical Reference Manuals
- Net to Gross

National Perspective

Statewide TRMs		
Arkansas	Massachusetts	Ohio [^]
California	Michigan	Pennsylvania
Connecticut	Minnesota	Rhode Island
Illinois	Missouri*	Texas
Indiana [^]	New Jersey	Vermont
Iowa*	New York	Wisconsin

National Perspective

Regional TRMs		
Region	States	Administrator
Mid-Atlantic	Maryland, Delaware, DC	Northeast Energy Efficiency Partnership
Northwest	Idaho, Montana, Oregon, Washington	Regional Technical Forum

Net or Gross Savings

Summary of Net vs. Gross in the Midwest			
State	Net or Gross Reported	Measures Free-Riders	Measures Spillover
Illinois	Net	✓	Partial/Sometimes
Indiana	Both	✓	✓
Iowa	Both	✓	
Kansas	Net	✓	
Kentucky	Both	varies by utility	
Michigan	Net	✓	✓
Minnesota	Gross		
Missouri	Both	✓	✓
Nebraska	Varies by utility		
North Dakota	No program reporting has been identified in North Dakota		
Ohio	Gross		
South Dakota	Varies by utility		
Wisconsin	Both	✓	✓

Thank you!

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