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## Recent Developments in Energy Efficiency Evaluation, Measurement, and Verification: American Council for an Energy-Efficient Economy Report References Arkansas

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The American Council for an Energy-Efficient Economy ("ACEEE") has issued an October 2017 report titled:

*Recent Developments in Energy Efficiency Evaluation, Measurement, and Verification ("Report")*

The *Report* is authored by Seth Nowak, Maggie Molina, and Martin Kushler.

The *Report* addresses what it describes as "innovative ways" to evaluate the emerging impact of energy efficiency as a resource. The growing importance of energy efficiency is deemed to warrant rigorous evaluation, measurement, and verification ("EM&V") to ensure that the resource is valid and impacts appropriately valued.

A focus of the *Report* is the assessment and documentation of recent developments in EM&V.

Topics addressed in the *Report* include:

- Identification of states that exhibit policy and institutional leadership
- Topics that have received significant attention in the industry
- Savings and technical reference manuals
- Common practice baselines
- Advanced metering-based EM&V enabled by greater data availability and improved data analytics

A case study is presented for each topic. A discussion of the major challenges facing the EM&V field is included.

The discussion includes a review of states that have demonstrated leadership in the area. The *Report* references Arkansas, noting:

... When we ask which states have been leaders in terms of evaluation framework, methods, scope, and issues examined, California and Massachusetts were mentioned most often (No. 11 and No. 8 times, respectively), followed by Connecticut, which is mentioned four times. States mentioned at least twice included Arkansas, Michigan, New York, Illinois, and Washington, along with the overall Northwest region ...

Arkansas is a topic of discussion under the heading of “clear and transparent processes.” The state is cited as a prime example in terms of “collaboration” where it is noted:

TRMs should be, and increasingly are, updated, timely, clear, and well documented. There should be an “ongoing effort to update the extensive technical manual through a clear annual process.” Leading states using TRMs have an advantage because they include “key parameters, source of data, and [a] clear path to update those parameters – [they are] clear and transparent.” A key design feature of these processes is collaboration. Arkansas is a prime example. The Arkansas Parties Working Collaboratively (PWC) comprises the investor-owned utilities, EM&V contractors, program implementers, and intervener groups.

[A copy of the \*Report\* can be downloaded here.](#)