

## **FEMP eTraining**

### ***Realizing the Potential of Under-Utilized ECMs in ESPCs***

**3.5 Hrs**

**0.40 CEUs**

The U.S. Department of Energy (DOE) Federal Energy Management Program (FEMP) is pleased to launch the next FEMP eTraining Course titled ***Realizing the Potential of Under-Utilized ECMs in ESPCs.***

This course provides experienced ESPC practitioners with insight into gaining additional savings from their ESPC projects. Course modules focus on four specific energy conservation measures (ECMs) that are underutilized in federal Energy Savings Performance Contracts (ESPCs) due to common implementation barriers, such as savings-flow uncertainty or unevenness, baselining difficulties, and M&V process ambiguities. Featured ECMs include demand response, cogeneration/CHP, irrigation efficiency improvements, and retro-commissioning.

Course modules discuss common barriers and solutions for each ECM, along with related best practices for ESCO selection and measurement and verification (M&V). Experts in-the-field will provide further insight based on their experience at federal sites. Many take-away lessons related to under-utilized ECMs can be applied to common ECMs, as well.

The instructor for this seminar is Phil Coleman, research analyst and program manager in the Sustainable Federal Operations Group at Lawrence Berkeley National Laboratory (LBNL). In addition, Mr. Coleman a technical advisor to the Federal Energy Management Program's energy savings performance contracting (ESPC) program, focusing particularly on utility rates and measurement and verification of savings.

By completing this course, learners will be able to:

- Evaluate the ESCO's capabilities, experience, and willingness to enter into a partnership on under-utilized ECMs
- Recognize the characteristics of commonly misconceived barriers and outline proven solutions
- Apply customized M&V methods to ensure successful performance and manage uncertainty and risk
- Include under-utilized ECMs that have significant savings potential in an ESPC project

After completing a course evaluation and multiple-choice assessment, participants will receive a certificate of completion and be eligible for continuing education units.

FEMP eTraining courses are designed for Federal energy and facility managers, but are open to all individuals at [femp.energy.gov/training](http://femp.energy.gov/training).

Courses are hosted in partnership with the National Institute of Building Sciences Whole Building Design Guide at [http://www.wbdg.org/education/femp\\_ce.php](http://www.wbdg.org/education/femp_ce.php).

Requires Google Chrome, Firefox 4.0+, Internet Explorer 7.0+ or Safari, and the Adobe Flash 9+ plugin.

For more information, visit the [FEMP Training](#) website.

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