



The Maryland Public Service Commission

EPA EM&V Webinar Series: *Conducting EE Evaluation Planning*

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Crissy Godfrey

Director, Demand Side Management

Maryland Public Service Commission*

phone: 410-767-8024, email: cgodfrey@psc.state.md.us

*The opinions expressed by Ms. Godfrey do not necessarily reflect the views of the Maryland PSC.

EmPower Maryland

- EmPower Maryland requires 5% electric usage and demand reduction by 2011 and 15% by 2015
- 2009 – 2011 EmPower Portfolios approved between Dec '08 and Aug '09
 - \$565.5 Million in EE & DR Programs
 - 894 MW, 3.16 million MWh in reductions
 - 2.6% allocated for EM&V (average, only Utilities EM&V Contractor); none for DR

MD PSC Role in EmPower MD

- In determining whether a program or service encourages and promotes the efficient use and conservation of energy, the Commission shall consider the:
 - cost-effectiveness;
 - impact on rates of each ratepayer class;
 - impact on jobs; and
 - impact on the environment.
- The Commission shall monitor and analyze the impact of each program and service to ensure that the outcome of each program and service provides the best possible results.

Leading to MD's EM&V Approach

- Need for transparency/consistency in reporting to the General Assembly, ratepayers and public
- Utilities did not want to give up direct management of EM&V
- Reviewed “best practices” nationwide (e.g., WI, CA)
- No existing EM&V structure or basis
- Little consistency in Utilities’ DR Program EM&V activities
- PSC has cursory institutional knowledge on subject matter
- Broader public policy & stakeholder concerns (e.g., environment, jobs, NEEP EM&V Forum or other market assessment studies)

PSC-Led Evaluator EM&V Process

- Utilities maintained a Statewide EM&V Contractor
 - Develops/implements Impact & Process Evaluation Plans
 - Conducts Primary Data collection
 - Prepares utility-level data reports/analyses and maintains tracking database
- Independent, 3rd party EM&V Evaluator (PSC-Led)
 - Dovetailed EE and DR EM&V work under Evaluator
 - Advises/Coordinates efforts for Baseline Study, NEEP EM&V Forum (inc. TRM) into EM&V process with Utilities & PSC
 - Reviews Utility Impact & Process Evaluation Plans & Master Schedule
 - Prepare/implements due diligence Impact & Process Evaluation Plan
 - Prepares State-wide due diligence data reports/analyses and maintains tracking database
 - Prepare add'l broader policy/outcome reports, as necessary
 - Analyses of state-wide EM&V best practices, potential ad-hoc workshops

EM&V RFP Process

- EM&V components in tandem – Baseline Study (Summer 2010); TRM (Apr 2010); Other NEEP Projects (ongoing)
- Both Utility EM&V Contractor & PSC Evaluator RFPs released in late Oct/early Nov 2008
 - Rec'd only 1 bid for Evaluator; 3 solid bids for Utilities EM&V Contractor
 - Decided to re-open solicitation after Utilities make final selection (re-opened in mid-January, closes in mid-February)
 - EM&V Contractor starting ~mid-February; PSC Evaluator in mid-March