State EE/RE Technical Forum
Call #3 - Dec. 16, 2004
Measurement and Verification (M&V) and Emission Quantification Procedures
Discussion Questions

M&V:

- What are the program or policy drivers for your M&V Program?
  - E.g. NOx allowance set-aside, Renewable Energy Credits, Emission reduction credits in SIP, demonstrating benefits of state-funded programs.

- How do the programs/policies affect the level of detail and accuracy required for the M&V approach selected?

- What are the benefits to this approach compared to others you considered?

- What are the challenges in setting up and implementing the M&V procedures?
  - Cost and human resources required
  - Was an existing protocol used – such as those in the International Performance Measurement and Verification Protocol (IPMVP), Federal Energy Management Program (FEMP), or EPA Guidelines?

- What response have you gotten from affected stakeholders on cost of implementation, ease of compliance, effectiveness in meeting goals.
  - Were M&V requirements perceived as a prohibitive obstacle for some valuable programs or projects?
  - Was there any sentiment that projects received undue credit because of lax M&V?

- What lessons learned could you offer other states that might be interested in implementing a similar approach?

Emissions Quantification:

- What are the policy or program drivers for translating savings to emissions benefits?

- What approach do you use to translate EE savings and RE generation translated to avoided emissions? Why?
  - (E.g., using an emissions factor such as pounds of pollutant per kWh, dispatch modeling, an emissions model such as EPA's Average Displaced Emissions Rate (ADER), the Ozone Transport Commission (OTC) Emissions Reduction Workbook, or other models that account for the variations in emissions displaced.)

- What resources were involved in estimating emissions?

- How have your approach and results been received by affected stakeholders?

- What lessons learned could you offer other states?