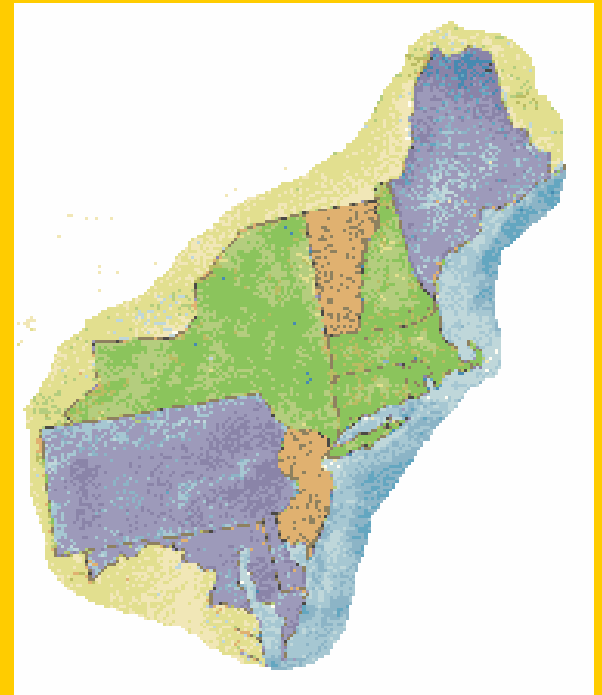


Northeast/Eastern Evaluation, Measurement and Verification (EM&V) Forum

Status Update

*MADRI Meeting
June 27, 2008*

*Julie Michals
Northeast Energy Efficiency Partnerships, Inc.*



Northeast Energy Efficiency Partnerships, Inc.





EM&V Forum Purpose

Assist participating states to implement demand-side resource policies and programs to meet energy, environmental and economic goals through the *development and use of common or consistent EM&V protocols* in the Northeast and Mid-Atlantic region to estimate, track and report:

- Energy and demand savings
- Related costs
- Related air emission impacts

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Forum Value Proposition

- **Increase the reliability and credibility** of demand-side resources in meeting energy and environmental goals
- **Reduce costs** of demand-side resource evaluation and research
- **Increase participation** in demand-side resource markets
- **Improve** state, regional and local demand-side resource planning, implementation and evaluation
- **Inform** the likely development of **national/international standards and protocols** in near-term and long-term

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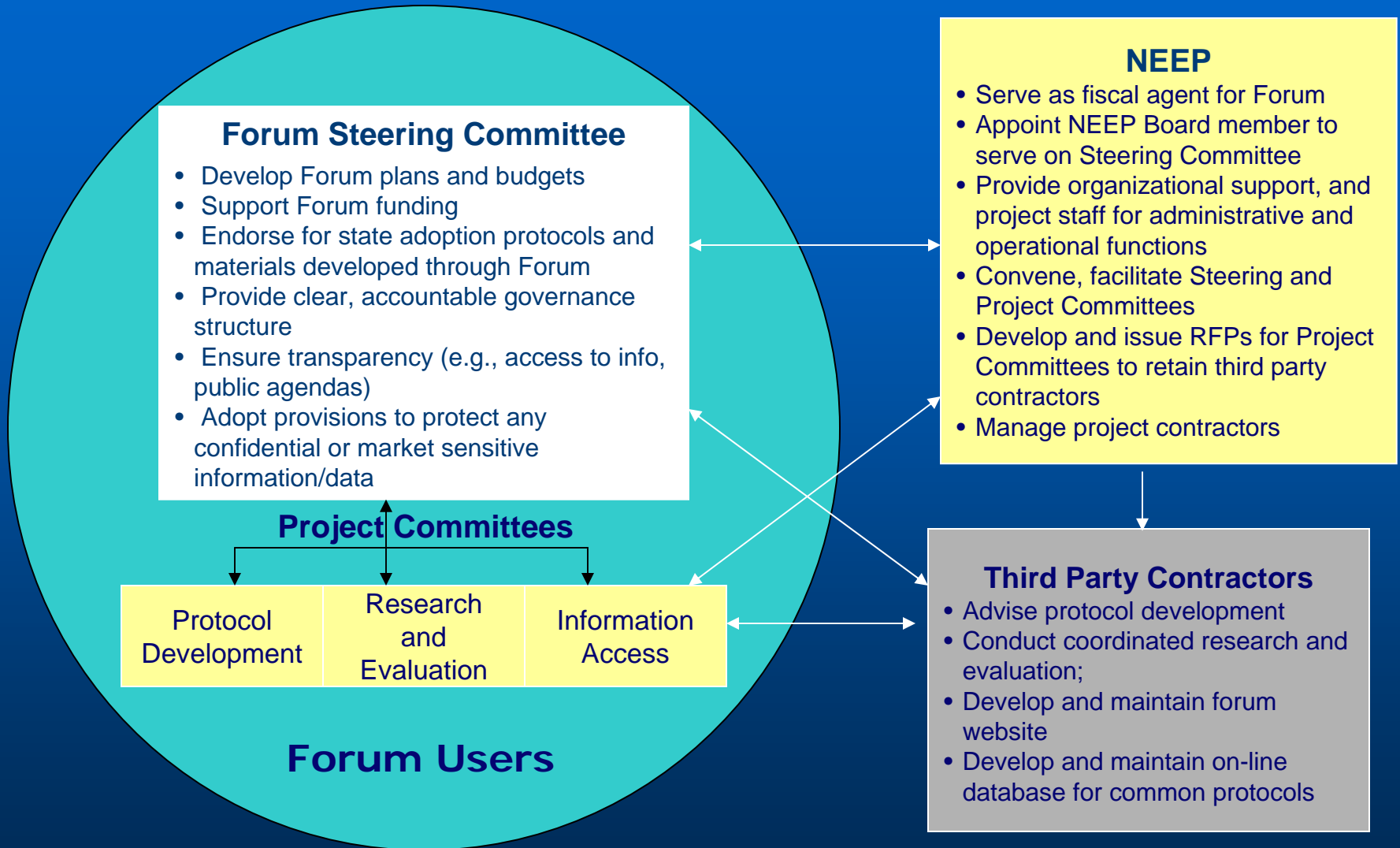
Forum Customers/Audience

- State and Regional Energy and Environmental Policymakers
- Demand-Side Resource Program Administrators
- Merchant Demand-Side Resource Providers and Practitioners
- Independent System Operators/Regional Transmission Organizations
- Federal Agencies

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Forum Structure and Governance



Steering Committee and Project Committees

Steering Committee:

- State representation – RGGI states + DC?
- High level – commissioners or senior staff
- PUCs and air regulators (NESCAUM)

Project Committees:

- PUC and air regulatory staff, PAs, merchant providers, ISO/RTO staff
- Subcommittees within each Project Committee to lead projects
- Recommend protocols for Steering Committee adoption



Regulatory Support and Funding for EMV Forum

- NECPUC Resolution
- MACRUC Resolution (draft)
- Start Up Funding for 2008: US DOE, Energy Foundation, US EPA
- DOE Grant Application – in process. For 2009-2011 for up to \$500k
 - Support letters from NECPUC states, NJ BPU, NYSERDA, DC PSC, MD PSC, NESCAUM



Forum: 3-Year Scope

	Geographic	Technology	Fuel
Yrs 1-3	<ul style="list-style-type: none">• Wholesale capacity markets: New England, and NY and PJM states (as markets broaden to other demand resources)• RGGI states	<ul style="list-style-type: none">• EE products and services• Demand Response	<ul style="list-style-type: none">• Electricity (Yrs 1-2)• Natural Gas (Yrs 2-3)
Later	<ul style="list-style-type: none">• Other states	<ul style="list-style-type: none">• Combined Heat Power• Building Integrated Renewables	<ul style="list-style-type: none">• Fuel Oil - maybe

Note: Demand Response M&V protocols being addressed by NAESB. EMV Forum will monitor NAESB project to ensure coordination where appropriate.



EM&V Forum 2009 Project Priorities

1. Glossary of EM&V terms and definitions
2. Common EM&V methods
3. Common energy and demand savings values and assumptions (Phase I - survey existing protocols and scope on-line database)
4. Common reporting formats for savings, cost and emission reduction data
5. Multi-year plan for priority joint research and evaluation needs
6. Savings Load Shape Study (Phase 1)
7. C&I Lighting Measure Life and Persistence Study
8. Outreach/Education: Annual Regional EM&V Public Forum; EM&V Forum public website; presentations on Forum projects and results; technical support for Forum resources



Northeast EM&V Forum Start-Up and Three-Year Budget and Revenue Plan

<i>Expenses</i>	Start-up	Year 2009	Year 2010	Year 2011	Total
Operational/Outreach	\$250,000	\$445,000	\$457,000	\$496,000	\$1,648,000
R&D Contractor	\$0	\$1,000,000	\$1,200,000	\$1,300,000	\$3,500,000
Total Expenses	\$250,000	\$1,445,000	\$1,657,000	\$1,796,000	\$5,148,000
<i>Revenues</i>					
Northeast States	\$0	\$1,195,000	\$1,407,000	\$1,546,000	\$4,148,000
Grants/subscriptions	\$250,000	\$250,000	\$250,000	\$250,000	\$1,000,000
Total Revenues	\$250,000	\$1,445,000	\$1,657,000	\$1,796,000	\$5,148,000

Revenue Plan:

States (SBC funds, RGGI allowances, FCM revenues)	80%
Grants	18%
Subscribers, Workshop Fees	2%

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Northeast EM&V Forum Three-Year Plan available at:

http://www.neep.org/policy_and_outreach/EMV.html

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