

Welcome

Welcome to the Uniform EM&V Methods Project Steering Committee Meeting September 11, 2012

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Uniform EM&V Methods Project Steering Committee Meeting



Comment Review

September 11, 2012

Agenda

- 1:00-1:05: Welcome & Announcements
- 1:05-1:15: Comment Overview
- 1:15-2:25: Comments for Steering Committee Consideration
- 2:25: Closing Discussion & Next Steps

Note: Times are Eastern

Comment Overview: Statistics

Total Number of Comments Received

592

Number of Commenters

52

Organizations

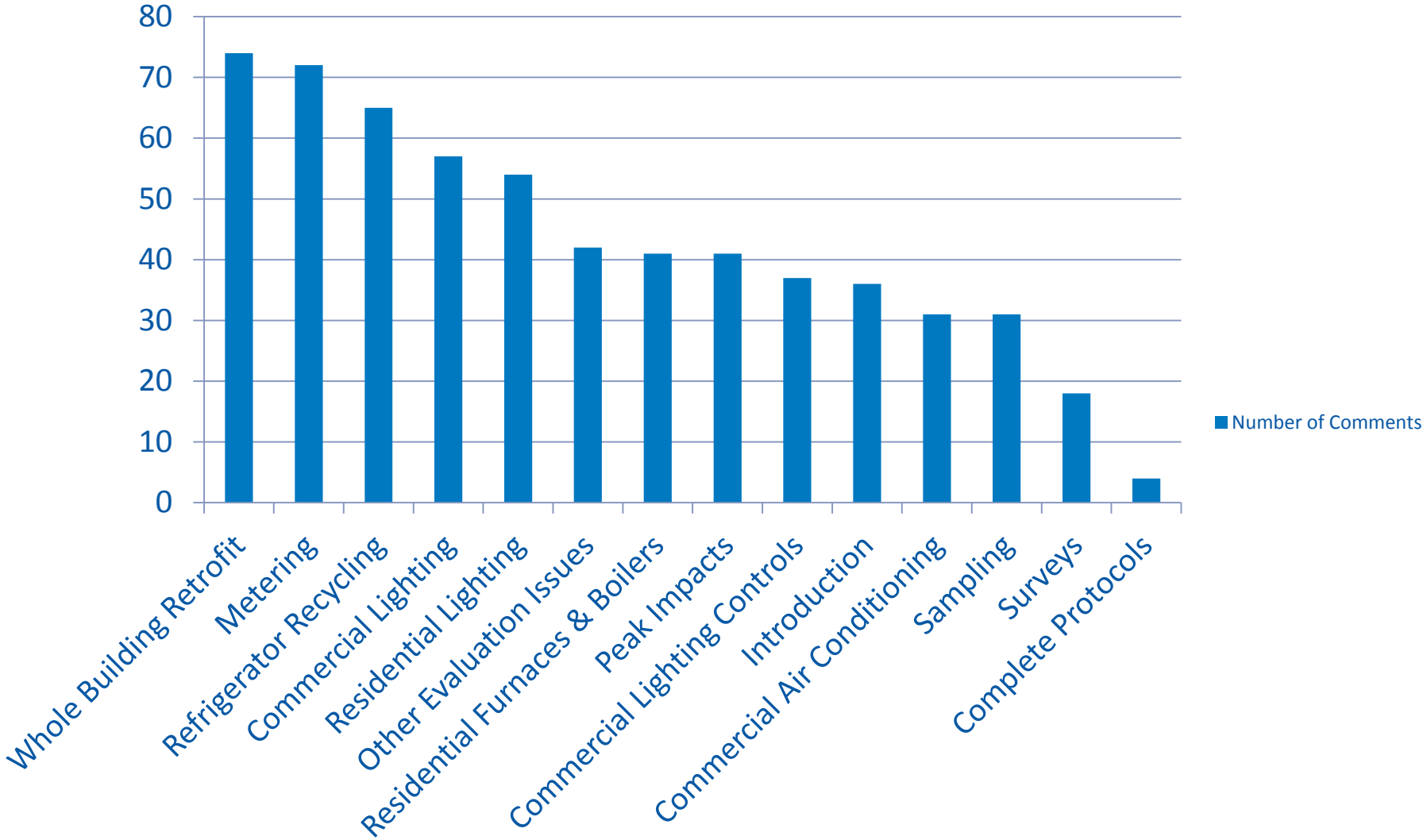
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Comment Overview: Organizations

Acuity Brands, Inc.	DNV KEMA	Opinion Dynamics
ADM Associates, Inc.	Energy Kinetics, Inc.	Pacific Gas and Electric Company
AGA	Energy Scan	pasban
American Public Power Association	Great River Energy	Puget Sound Energy
Arctic Technical Services	Habart & Associates Consulting inc	RESNET
ASHRAE	Hadley Energy Engineering LLC	Rheem
Associated Electric Cooperative, Inc	High Energy Audits, Inc.	Ryn Hamilton Consulting
British Columbia Hydro	J M Hill, PhD, PE	Self
Buckeye Power/OREC	M Blasnik & Associates	Sisson & Associates
C3	National Propane Gas Association	Snohomish PUD
Carrier Corporation	National Rural Electric Cooperative Association	Southern California Edison
Clapham Removals firm	Natural Resources Defense Council	UCS
Consortium for Energy Efficiency	Northeast Energy Efficiency Partnerships	United Electric Cooperative Services, Inc.
CSG	NW Power and Conservation Council	Vermont Energy
CTIT	NYSERDA	Warren Energy Engineering, LLC
		Xcel Energy

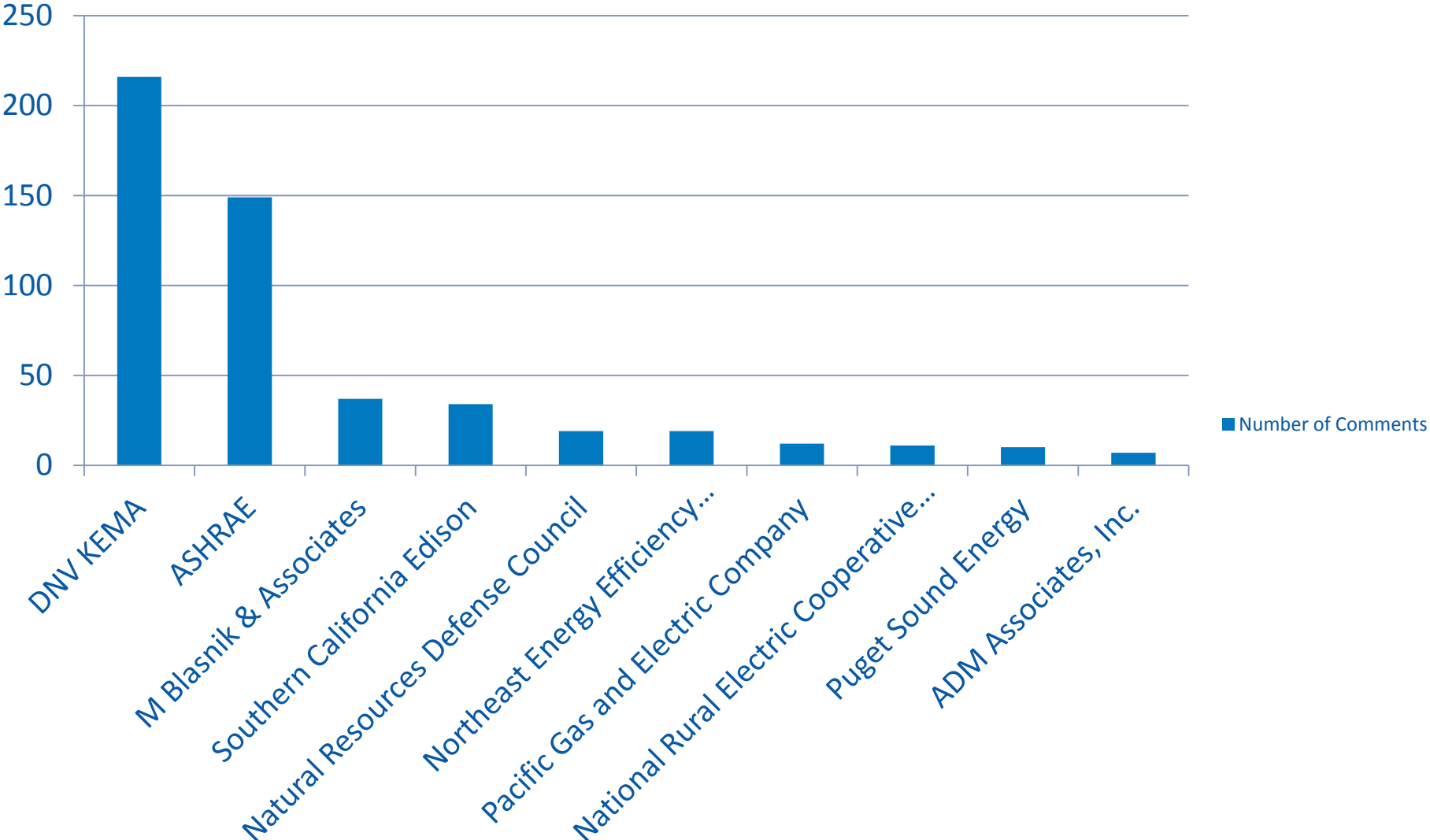
Comment Overview: Number of Comments by Protocol

Comments by Protocol



Comment Overview: Top 10 Commenting Organizations

Comments by Organization



Comment Overview: General Themes

- Technical
 - Some think that the protocols are not technical enough, and some think that they are too technical
- Net to Gross
 - Why isn't it included? And one comment applauding that it isn't included (CEE)
- Depth of what evaluations should cover
- Referencing existing standards

Comment Discussion

- What have Steering Committee members heard?
- Question of small utilities – resource constraints

Comments Discussion

Topic	Comment
Scope	“Generally speaking, this evaluation document focus on the more traditional impact evaluation task such as energy savings estimate, freeriderships, etc. The UMP is just about completely silent on things such as market effects, spillover effects. These items are just as important as the other evaluation tasks.”
Scope	“...the UMP protocols do not offer recommendations as to level of rigor and specific criteria for accuracy of the savings estimates.”
Scope	“Throughout this document, there is virtually no mention of program theory and program logic model. We believe this is a critical fault since these programs are designed with the intention to perform intervention and to overcome market barriers. The program evaluation plan should also be designed in the context of the underlying program theory and logic.”
Whole Building Retrofit	From Ken Agnew - There are a number of comments that are useful, valid comments that are out of scope for the immediate work but worth including in future versions of the UMP. We think there should be a status that indicates something like “Hold for future inclusion”. In the spirit of this being a first attempt at these protocols, it would be useful to identify a list of issues or subjects that are future action items and/or issues on which there is not presently enough consensus to consider a “universal” method.

Next Steps

- Final Stakeholder Review
 - Begins Monday September 24, 2012
 - Open for 2 weeks
- Final Protocols Available as NREL Technical Report (pdf)
 - December 21, 2012

Project Team

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