



## Memorandum

To EEAC  
From Eric Belliveau and the EEAC Consultant Team  
Date 6 August 2012  
Subject Monthly Report – July 2012

The Consultant Team is pleased to provide this monthly update to the Council on our recent activities.

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### Highlights from the Advisory Groups

#### Planning & Analysis Advisory Group

- Reviewed and analyzed the PA-proposed July 2nd Draft Three-Year Plan for 2013-2015. Analyzed PA-proposed savings, benefits, and costs across the PAs, reviewed best practices and best-performing PAs based on the data in the Plan, and reviewed PA responses to Council priorities. Provided initial comments in the form of a summary of Draft Plan data on July 6th, and prepared additional comments and a presentation for the Council's consideration at the July 10th EEAC meeting.
- Prepared and provided a summary presentation on the July 2nd Draft Plan for the EEAC webinar on July 17th.
- Continued to meet with the PAs to discuss and consider the key components of the next Three-Year Plans, including savings and benefit goals, key program enhancements and strategies to support the Council's priorities, program costs and cost drivers, bill impacts, and performance incentives. Compared and analyzed PA vs. consultant estimates of savings, benefits, program costs, and costs per unit savings for the 2013-2015 Plan.
- Reviewed the PA-developed analysis of program costs and cost drivers, and discussed the analysis with the PAs. Developed a template for the analysis of cost drivers, and reviewed the draft template with the PAs.
- Conducted additional analysis on the July 2nd Draft Plan, and provided additional briefing information to the Council for its consideration at the July 23rd EEAC meeting.
- Analyzed the target and earned performance incentives in 2010 and 2011, considered potential revisions to performance incentives and metrics for 2013-2015, and continued work on a briefing package regarding performance incentives. Presented an initial briefing on performance incentives to the Council during the July 23rd meeting.
- In advance of and during the July 23rd EEAC meeting, assisted the Council in drafting its EEAC Resolution regarding the July 2nd Draft Three-Year Plan for 2013-2015.



- Provided analysis for and input on the Council's comments in the DPU NOI Phase II proceeding, regarding the DPU's straw proposal on the regulatory review and approval of performance reports, performance incentives, energy efficiency surcharges, and mid-term modifications.
- Continued analysis of bill impacts for the Three-Year Plan, and continued participation in the DPU 08-50 bill impacts working group.
- Reviewed the 2012 dashboard monthly reports from the PAs.
- Provided data, technical assistance, and support for the development of the Annual Report to the Legislature..

### **C&I Advisory Group**

- Continued to review and develop C&I aspects of the Three Year Plan. Developed presentation and discussed feedback with PAs. Areas of focus included deeper savings, stakeholder input, CHP, and gas savings.
- Participated in Multifamily Working Group meeting. Provided input on the multi-family integration approaches that resulted in a commitment from the WG to develop a new pilot initiative. The pilot will seek to move the market beyond the current parameters under which it operates with the goal of full integration at the system level between residential and commercial.
- Continued review and synthesis of results of evaluations and the impacts on programs. Provided comments to evaluators and participated with PAs on discussion and impacts of recent Community based effort evaluation. Significant focus on the recent community based efforts evaluation and discussion with PAs.
- Continued to support MTAC in shifting to focus to emerging technologies.
- Assisted PAs in development of new enhancements and market strategies for upstream program to improve uptake of qualified reduced-wattage fluorescent lamps.

### **Residential Advisory Group**

The Residential Advisory Group covered key program areas by engaging with several working groups and on several topics.

- **General:** Engaged the PAs on high level Residential Sector issues at the Residential Management Committee (RMC) meeting, with a primary focus on Three-year planning. Reviewed the July draft PA program/initiative descriptions (Residential, Low Income, Community Engagement) and provided further comments and recommended edits. Communicated with the DOER Residential Team regarding residential sector issues. Participated in weekly EEAC Consulting Team calls and bi-weekly RES Consulting Team coordination calls.
- **Products:** Completed review of PAs' proposed three-year retail lighting program and examined proposed lighting efforts in other PA residential programs. Working with C&I Consultant to resolve inconsistent lighting assumptions for the Three Year Plan. Held discussions with EVT, EPA ENERGY STAR and TopTen USA on potential appliance program design. Proposed design framework to MA (and RI and CT) PAs. Reviewed ENERGY STAR's proposed clothes dryer specification roll-out plan and related Super Efficient Dryer Initiative documents. Participated in SEDI webinar held by AESP. [Note: Clothes dryer and SEDI efforts cross-billed to clients in RI and CT.] Commented on recent onsite lighting evaluation results which show little net gain in CFL socket saturation despite fairly aggressive PA program efforts.



Examination by evaluation contractor and by Council Evaluation Consultant continues. Commented on draft onsite consumer electronics assessment report.

- **HVAC:** Commented on draft onsite water heater assessment report (part of consumer electronics and lighting onsite data collection efforts) to inform heat pump water heater program activity, including opportunities for converting oil-fired hot water systems.
- **RNC:** Reviewed and commented on proposed RNC initiative design for the Three Year Plan. Proposed and negotiated agreement on a performance path to support deeper energy savings. Supported development and advancement of Duct & Envelope Testing in preparation for IECC2012 energy code in the Northeast with NEEP and others.
- **Home Energy Services:** Reviewed and commented on proposed initiative design for the Three Year Plan. Developed draft tool for articulating and quantifying deeper savings.
- **Multifamily:** Reviewed and commented on proposed initiative design for the Three Year Plan. Participated in the Multifamily working group meeting and Three Year planning discussions.

### **Evaluation, Measurement & Verification Advisory Group**

- Finalized most remaining Wave 2 EM&V studies, including: C&I Codes & Standards Compliance study; Community-Based evaluation; Custom Gas impact evaluation; Integrated Behavioral Programs evaluation; Efficiency 2.0 Web Portal impact evaluation; Multifamily Market Characterization and Potential Study, Multifamily Program process evaluation, Multifamily Program Impact Analysis, Brushless Fan Motors impact evaluation, Demand Impact Model User Manual, 2011 Low Income Program process evaluation, Low Income Single Family Program impact evaluation, Home Energy Services Packaged Measure Pilot evaluation, Heat Pump Water Heaters Evaluation of Field Installed Performance, Solar Hot Water Pilot Program evaluation, impact evaluation of the 2011-2012 Boiler Reset Control Pilot Program, and Residential New Construction Baseline study.
- Moved forward a number of Wave 3 studies in the detailed planning or implementation stage including: C&I Upstream Lighting impact evaluation; Fall 2012 Umbrella Marketing follow-up surveys; Residential Lighting Upstream interviews; Small C&I Billing Analysis; Residential New Construction NTG study; Assessment of Home Performance Contractors in the HES Program memo; HES Net-To-Gross impact evaluation; and Large C&I Custom Motors, Refrigeration and Other Measures impact evaluation.
- Completed work with the PAs on the 2011 report version of the TRM.
- Worked with the PAs on the EM&V components of the Annual Report and Three-Year Plan filings.

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### **Upcoming Activities**

The sections below detail expected project efforts in the coming month. A two-month calendar of significant milestones and events appears after the Advisory Group summaries.



### **Planning & Analysis Advisory Group**

Three-Year Plan activities continue to be the major focus of nearly the entire Consultant Team, including the Planning & Analysis Advisory Group. Some of the specific tasks we anticipate are:

- Continue analysis for the development of the 2013-2015 Three-Year Plan.
- Review the Full Draft Plan for 2013-2015, which was submitted by the PAs on July 2nd. Conduct additional analysis and draft additional comments for review and consideration by the Council. This will be the primary Planning & Analysis task during August and September.
- Continue meeting with the PAs to discuss and consider the key components of the next Three-Year Plan, including savings and benefit goals, key program enhancements and strategies to support the Council's priorities, program costs and cost drivers, bill impacts, and performance incentives.
- Analyze the key drivers of program costs in a joint effort with the PAs.
- Develop and analyze options and approaches for performance incentives, the overall incentive amount, and the performance incentive mechanism details for the next Three-Year Plan. Provide a full briefing to the Council in August on performance incentives and potential options for modifications.
- Review and analyze the 2011 Annual Reports (due in early August) and 2011 results.
- Support the EEAC by continuing analysis and work on the DPU EE Guidelines Phase I NOI regarding net savings and environmental/carbon compliance costs, as directed by the Council. Participate in any additional discussions or follow up as directed, including in technical sessions or in meetings with the PAs and others.
- Support the EEAC, as directed by the Council, in its review and analysis of the DPU NOI Phase II order, regarding the DPU's straw proposal on the regulatory review and approval of performance reports, performance incentives, energy efficiency surcharges, and mid-term modifications.
- Continue participation in the DPU 08-50 bill impacts working group.
- Participate on behalf of the Council in any other DPU 08-50 processes, as scheduled and as assigned.
- Review, compile, and comment on 2012 quarterly reports and the dashboard monthly reports and trends.
- Provide data, technical assistance, and support for the development of the Annual Report to the Legislature, including the summary results of the 2011 Annual Reports (due in early August 2012).
- Analyze progress towards full incorporation of the key building blocks for accomplishing the goals of the Three-Year Plans to achieve deeper savings and other key Council priorities..

### **C&I Advisory Group**

The C&I Advisory Group remains focused on working with the PAs on revising the 3 Year Plan drafts to support advancement of Council Priorities and achievement of proposed goals. In addition, the Group will be working with PAs to address several recent issues identified by the Council and/or Stakeholders, including:



- The C&I Advisory Group remains focused on working with the PAs on revising the 3 Year Plan drafts to support advancement of Council Priorities and achievement of proposed goals. A significant area of focus for August will be working with the PAs to analyze the cost drivers of the PA proposed plan costs.
- Members of the C&I Advisory Group are co-developing a presentation with members of the PAs evaluation team on implementation impacts from the recent evaluations, to be delivered at the C&I Management Committee Meeting August 8.
- Gabe Arnold will be presenting the paper "*MassSave: A New Model for Statewide Energy Efficiency Programs*" at the ACEEE Summer Study on Energy Efficiency in Buildings on August 17. Gabe is presenting on behalf of a team of 8 co-authors, led by Christina Halfpenny and including representatives from National Grid, NSTAR, and the Consultant Team.

### **Residential Advisory Group**

The Residential Advisory Group will continue to work with the PAs on Three Year Planning efforts and to provide feedback on proposed initiative designs, savings and budgets. Additional market-specific efforts will include the following.

- **General:** Continue important planning discussions with the PAs, including on deeper savings, LED lighting, and Behavior-Feedback strategy in preparation for next draft of Three Year Plan.
- **Products:** Continue work with Council C&I consultant to develop proposed Three-year Plan lighting measure and program assumptions that fully address federal lighting standard impacts. Continue to work with PAs, NEEP, D&R, and EM&V Advisory Group to implement market lift model (implementation date delayed until late 2012/early 2013).
- **HVAC:** Continue to work with the PAs, NEEP and other regional stakeholders on build the market for HPWHs. Continue to work with C&I Consultants and PAs to develop upstream HVAC implementation model and to further residential gas-electric integration.

### **EM&V Advisory Group**

- In August we expect to turn our attention increasingly to implementing Wave 3 studies, as the few remaining Wave 2 studies wind down. We also anticipate wrapping up the last Wave 2 studies scheduled for inclusion in the Three-Year Plan filing. Lastly, we expect to largely complete work on the 2013-2015 Plan version of the TRM.

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CONSULTANT TEAM

# August 2012

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
		1	2	3
6	7	8	9	10 EEAC Meeting
13	14	15	16	17
20	21	22	23	24
27	28	29	30	31



# September 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1
2	3	4	5	6	7	8 Cooling Equipment Sizing Training for contractors
9	10	11 EEAC Meeting	12	13	14	15
16 Cooling Equipment Sizing Training for contractors	17	18	19	20	21	22 Cooling Equipment Sizing Training for contractors
23	24	25	26	27	28	29
30						