



Memorandum

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

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

Highlights from the Advisory Groups

Planning & Analysis Advisory Group

- Continued the review and analysis of the PA-proposed April 30th Initial Draft Three-Year Plan for 2013-2015. Analyzed PA-proposed savings, benefits, and costs across the PAs, and identified best practices and best-performing PAs (based on draft Plan data by sector). Prepared additional comments and a presentation (focused primarily on goals and program costs) for the Council's consideration at the June 12th EEAC meeting.
- 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, and program costs for the 2013-2015 Plan.
- Reviewed and analyzed past performance and actual costs per unit savings for electric and gas programs. Reviewed the PA-developed analysis of program costs and cost drivers, and discussed the analysis with the PAs. Developed estimates of future electric and gas EE program costs and cost ranges, based primarily on historical actual costs (using the 2010 Annual Reports and the 2011 preliminary year-end data).
- Analyzed the target and earned performance incentives in 2010 and 2011, considered potential revisions to performance incentives and metrics for 2013-2015, and worked on a briefing package regarding performance incentives to be presented to the Council at a future meeting.
- During the June 12th EEAC meeting, assisted the Council in drafting the "sense of the Council" feedback to the PAs regarding the April 30th Initial Draft Three-Year Plan.
- Attended and participated in the DPU NOI Phase II Technical Session on June 19th, regarding the DPU's straw proposal on the regulatory review and approval of performance reports, performance incentives, energy efficiency surcharges, and mid-term modifications. Prepared a summary report on the discussions at the DPU Technical Session and reported to the Executive Committee on June 22nd.



- Reviewed the use of the Mass Save brand and logo in the program marketing materials, and developed some initial suggestions for improving the effectiveness of the statewide brand and increasing customer awareness of the statewide brand.
- Participated in the DPU 08-50 bill impacts working group session on June 25th.
- Reviewed the 2012 dashboard monthly reports from the PAs and prepared the monthly dashboard trend reports.
- Provided data, technical assistance, and support for the development of the Annual Report to the Legislature.

C&I Advisory Group

- Reviewed 3 Year Plan Draft Program Descriptions and provided comments and presentation to PAs.
- Debriefed several Council members on PA response to date on Healthcare stakeholder input.
- Reviewed DPU NOI and impact on C&I
- Developed proposal for PAs to account for new Federal Linear Fluorescent Standard on savings claims.
- Participated in PAs selection team for QA/QC Upstream Contractor.
- Wrote Street Lighting Status Update Memo for Council on PA efforts to date and plans for the future.
- Reviewed and commented on various draft evaluations including Lighting Controls and Code Compliance. Reviewed and commented on upstream evaluation workplan.

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 working draft PA program/initiative descriptions (Residential, Low Income, Community Engagement) and provided comments and recommended edits. Reviewed EM&V study results to help inform initiative designs for Three-year plan. Provided edits for the Council report to the legislature. Communicated with the DOER Residential Team, at their weekly calls, about residential sector issues. Participated in weekly EEAC Consulting Team calls and bi-weekly RES Consulting Team coordination calls.
- **Home Energy Services:** Participated in the HES working group meeting. Reviewed and monitored progress of the Contractor Best Practices group.
- **Behavior-Feedback:** Participated in webinar on EM&V results for OPower and E2.0 (now C3), which was a follow-up to an April 10th Consultant memo urging the PAs to develop a Behavior-Feedback strategy for the 2013-2015 plan.
- **Products:** Continued dialog with PAs' planning and evaluation staff on key Three-year Plan lighting planning assumptions. Refined detailed "bottom-up" analysis of three-year lighting savings opportunity to address PAs' projected residential lighting yield rates which the PAs identified as a key 2013-2015 cost driver. Provided feedback on recently completed on-site socket saturation survey draft report which found a 1% increase in CFL socket saturation (26% to 27%)



over an 18 month timeframe. Continued to participate in discussions with PAs, NEEP and D&R (market lift contractor) on implementation of a market lift pilot for lighting.

- **HVAC:** Participated in two NEEP heat pump water heater (HPWH) stakeholders calls/webinars to develop a market for this emerging technology. Reviewed proposed changes in gas furnace savings claims resulting from May 2013 federal standards change. Reviewed HPWH consumer brochure.
- **RNC:** Reviewed and commented on proposed RNC initiative design. Followed up with verbal and written suggestions for modifications to the PAs. Reviewed and commented on RNC baseline study and provided comments to the PAs and evaluators.
- **Low Income Retrofit & Multifamily:** Participated in the Low Income Best Practices working group meeting.

Evaluation, Measurement & Verification Advisory Group

- Continued efforts to wrap up the 2nd wave of some 45 in-progress studies. Finalized many reports, with most of the remainder to be finalized in July. Because of the early deadline for EM&V results to make it into the 2011 Annual Reports, in June we prioritized the completion of impact evaluations, although numerous process evaluations and market characterization studies were also completed.
- Negotiated application of impact results from a number of studies both retrospectively (via the 2011 TRM annual report version) and prospectively (via the 2013-2015 TRM plan version).
- On June 25, presented a two-hour webinar to Councilors and other interested parties, summarizing the results of many of the completed or nearly-completed Wave 2 studies.
- Concluded discussions with the PAs on development of an attribution process for codes and standards initiatives.
- Entered the detailed project planning stage for a number of 3rd wave EM&V studies to begin within the next few months, such as: the Medium-Sized C&I customer study; the C&I existing customer profile study; impact evaluation of C&I LCI electric custom refrigeration, motors and other custom measures; and upstream C&I impact and process evaluation.
- Concluded negotiations with PAs and LEAN on LI NEBs values.
- Continued to provide input on DPU NOI from EM&V perspective.



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, which was submitted by the PAs on July 2nd. Conduct analysis and draft comments for review and consideration by the Council. This will be the primary Planning & Analysis task during July and August. Assist the Council in drafting a Resolution regarding the July 2nd Draft Plan by July 30th.
- 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 drivers of program costs and compare the analysis and data with the PAs.
- Develop and analyze options and approaches for performance incentives, overall incentive levels, and the performance incentive mechanism details for the next Three-Year Plans. Provide a briefing on performance incentives and future options to the Council.
- Support the EEAC by continuing analysis and work on the DPU EE Guidelines 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 meetings with the PAs and others.
- Support the EEAC in its review and analysis of the DPU NOI Phase II order, dated May 25th, regarding the DPU's straw proposal on the regulatory review and approval of performance reports, performance incentives, energy efficiency surcharges, and mid-term modifications. Follow up on the June 19th Technical Session as directed by the Council.
- 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.
- 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:

- PA Response to Public Input Stakeholders, Healthcare without Harm and A Better City



- Recent customer feedback regarding C&I tenant ability to participate in Direct Install Programs
- Lack of C&I Participation in Multifamily Working Group

The C&I Group expects that several recently completed C&I evaluations will require changes to various aspects of PA implementation of programs, including the Custom Gas Impact Evaluation, the SBDI Lighting Controls Impact Evaluation, the Large C&I Process Evaluation, among others. We will begin discussions with PAs on the results of these evaluations and potential impacts to PA implementation.

Residential Advisory Group

- **General:** Continue to engage with the PAs at the RMC on 3-year planning activities. Provide feedback and recommendations to the PAs on revised initiative descriptions, and proposed savings and budgets. Continue important planning discussions with the PAs, including on LED lighting and Behavior-Feedback strategy.
- **Home Energy Services:** Continue to work with the PAs on Three-year planning and provide feedback on proposed initiative designs, savings and budgets.
- **Multifamily:** Continue to engage with the PAs on Three-year planning and provide feedback on proposed initiative designs, savings and budgets.
- **Products:** Review next Three-year Plan draft. Work with Council C&I consultant to develop proposed Three-year Plan lighting measure and program assumptions that fully address federal lighting standard impacts. Work with Council evaluation consultant to better understand the smaller than expected increase in CFL socket saturation derived from recent onsite surveys. Provide comments on draft consumer electronics and appliance saturation survey results. Continue to work with PAs, NEEP, D&R, and Council evaluation consultant to implement market lift model (expected August implementation date).
- **HVAC:** Review next Three-year Plan draft. 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.
- **RNC:** Review next three year plan draft and provide initiative design modifications, including a performance path alternative for builder participants.
- **Low Income Retrofit & Multifamily:** Continue to engage with the PAs and LEAN on Three-year planning and provide feedback on proposed initiative designs, savings and budgets.

EM&V Advisory Group

- In July we expect to largely conclude the roughly 45 Wave 2 EM&V studies that have been scheduled to be filed with either the 2011 Annual Reports or the 2013-2015 3-Year Plan. We also expect to continue work on the TRM (both the 2011 Annual Report version and the 3-Year Plan version). Finally, we expect activity on the new 3rd wave of EM&V studies to accelerate.



July 2012

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
2	3	4	5	6
9	10 EEAC Meeting	11	12 Comments due on DPU NOI Phase II	13
16 RCS Auditor Training (Westborough)	17	18	19	20 RCS Auditor Training (Westborough)
23 EEAC Meeting (2 nd meeting in July)	24	25	26	27
30 Council Resolution on Three-Year Plan	31			

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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