



Memorandum

To EEAC
From Eric Belliveau and the EEAC Consultant Team
Date July 3, 2013
Subject June Monthly Report

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

Highlights from the Advisory Groups

Planning & Analysis Advisory Group

- Prepared for and attended the EEAC meeting on June 12 and participated in the Executive Committee meeting on June 26. Briefed several individual Councilors in advance of the EEAC meeting.
- Provided support to the EEAC Executive Committee in meetings and through briefings and written materials on DPU 11-120 reporting streamlining, statewide database, and AESC/avoided cost study updates.
- Followed up on the DPU 11-120 reporting streamlining working group meeting that was held on May 7, as part of the DPU's working group process regarding the regulatory review, reporting, and approval of performance reports, performance incentives, energy efficiency surcharges, and mid-term modifications. Discussed reporting issues, needs, and priorities related to the DPU 11-120 working group on reporting streamlining with individual Councilors and the PAs. Discussed several potential improvements that could be made to future reporting (including for the annual and quarterly reports), for plan or implementation updates, and to data management and data processing systems that support reporting on the EE programs and portfolio. Worked with the PAs to develop a joint table of "reports and purposes" in response to a request from the DPU staff. Presented an update on reporting streamlining and the reports and purposes table at the EEAC meeting on June 12. Continued working with the PAs on reporting scheduling and processes, and on proposals for an implementation update. Prepared for the DPU 11-120 working group subcommittee meeting scheduled for July 2.
- With the input from councilors, worked with the PAs to implement additional improvements to the quarterly report template, focusing on the benefits section, to be used for Q2 and Q4 quarterly reports in 2013. Received feedback and review comments on the revised/improved format used for the Q1 report from Councilors at the June 12 Council meeting.

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- Supported the design and development of the statewide database, as directed by the Council and the Council's statewide database Subcommittee. Reviewed responses to the Request for Responses (RFR/RFQQ) for a database consultant and facilitator. Participated in the statewide database Subcommittee as assigned. Reviewed the CT Dashboard reporting system.
- Continued making progress with DOER and the PAs on the consultant-recommended *interim* approach to data and data management, focused on improving effectiveness and efficiency, to ensure reliable and internally-consistent data in the interim while the statewide database is being developed.
- Continued work on the regional avoided costs study (also known as the Avoided Energy Supply Component or AESC study). Reviewed draft documents and the final draft report on the gas price forecast, energy forecast, capacity forecast, DRIPE, environmental compliance costs, and other issues in the avoided cost study based on the materials prepared by the consultant (Synapse). Participated in the study group conference calls to review and discuss the study topics, issues, and final draft report deliverables. Participated in the study presentation on June 21. The draft final report was produced on June 7, and the final report is scheduled to be completed on July 12.
- Interacted with the PAs and the management committees in June to discuss and ensure the early and effective implementation of the key components of the 2013-2015 Three-Year Plan, including the key program enhancements, strategies, and action plans, in order to achieve the savings and benefits goals, maximize the use of best practices, serve all segments of MA customers, and support the Council's priorities, while also encouraging the cost-efficient use of ratepayer funding. Reviewed the action plans being developed and implemented by the PAs, including as part of the review of the Q1 quarterly report.
- Reviewed/commented on PA revisions and updates for the 2012 Report TRM, per the TRM process and schedule.

C&I Advisory Group

- Continued to work with PAs to address issues raised by DEP with water/wastewater segment.
- Continued to support Commercial Real Estate Working Group. Focus of recent effort is to understand role PACE financing can play in overcoming Commercial Real Estate barriers.
- Began work on Restaurants/Lodging Best Practice research. The goal of this research is to provide recommendations for strategic enhancements to programs to support achievement of three year plan commitments and targets. Research topics are aligned with specific Plan commitments, Council Priorities, and/or areas where there is potential for greater or lower cost efficiency savings. The first three topics to be researched are: 1) National Best Practices with Restaurants and Lodging, 2) National Best Practices with Healthcare and Hospitals, and 3) National Best Practices with Commissioning/Retro-commissioning.
- Continued to work with PAs to address issues in multifamily initiatives to support greater comprehensiveness and seamless delivery.

MA EEAC



CONSULTANT TEAM

- Began working with PA statewide lighting committee on new strategic enhancements, including deeper savings through retrofit lighting design and municipal street lighting.
- Continued to work with PAs to support completion of Three-Year Plan Commitments and associated Action Plans. A status of key near-term plan commitments follows:
 - Process for Stakeholder Input by Q2 2013 – Complete
 - New Consistent Dedicated Approach to Municipalities – a new consistent statewide municipal model will be announced and implemented at the beginning of the next calendar year, January 1, 2014.
 - Community Mobilization – PAs are working to design new community based delivery model that will target “Main Street” areas of municipalities. NSTAR is now piloting this model in two communities. Other PAs have selected potential communities in their respective territories. Once the results of the NSTAR pilot are complete, the model will be considered for adoption by Q4 2013.
 - Improved Financial Tools – PAs have developed a new spreadsheet financial tool to assist customers in evaluating efficiency investments. The tool is being rolled out for review by PA Sales and Account Managers. Once complete, statewide training will be provided.
 - Targeted Strategies for Wastewater Treatment Plants – Consultant team continues to work with PAs and DEP to address this plan commitment to develop recommendations for a sustainable financial assistance model for the Water/Wastewater segment.
 - Targeted Strategies for Grocery – PAs are in final stages of development of a new go-to-market strategy for the small to medium-sized grocery segment. The new offering combines targeted messaging with bundled incentives to increase participation and depth of savings with the small and medium-sized grocery segment. The new offering will be implemented in Q3 2013.
- Upstream HVAC – PAs expanded the highly successful upstream lighting approach to HVAC equipment on April 1, 2013. The new upstream model is the first of its kind in the Eastern US and is expected to significantly increase participation and savings with commercial HVAC equipment. PAs have successfully recruited most manufacturers and distributors into the initiative and are awaiting initial results.
- Reviewed and provided input to several evaluations being planned or nearing completion, including Prescriptive Lighting Impact Evaluation and forthcoming mid-sized customer needs study.

Residential and Low Income Advisory Group

The Residential Advisory Group covered key program areas by engaging with the Residential Management Committee (RMC) and key initiative working groups and on several topics.

- **General:** Engaged the PAs on high-level Residential Sector issues at the Residential Management Committee (RMC) meetings, and through individual communications with RMC members. Performed



national and regional best practice research, including outreach to national energy efficiency thought leaders, in preparation for three papers on 1) the Lighting CFL to LED transition, 2) Multifamily barriers, and 3) What's Next in Residential Energy Efficiency. Drafted reports based on that research. Monitored PA progress on new initiative enhancements and action plans. Communicated and coordinated with the DOER Residential Team liaison regarding residential sector issues. Participated in weekly EEAC Consulting Team call and RES Consulting Team coordination calls. Conducted in-person introductory meeting between RMC and new consulting team members.

- **Lighting & Products:** Reviewed, analyzed and reported on PA Lighting and Appliance Initiative reporting for June. Highlighted data reporting and possible program performance concerns. Responded to DOER request on possible impacts of 2014 federal refrigerator and freezer standards on PA Appliance Initiative. Reviewed and commented on draft NEEP consumer electronics report outline. Reviewed and agreed with PAs recommendation to revise indoor lighting measure characterization to reflect recent evaluation findings. Continued to monitor proposed lighting market lift activities.
- **HVAC:** Attended and presented at "Building America Expert Meeting on Cold Climate Air-Source Heat Pumps" in an attempt to coordinate programs, screening, and sharing of technical information with others in the region to better understand the technology.
- **HES:** Reviewed PAs draft HES presentation to Council and provided input to PAs. Participated in multi-state discussion of developing comparative metrics for existing home retrofit programs to inform best practices.
- **Multifamily:** Drafted research paper on national and regional best practices for overcoming multifamily retrofit program barriers. Provided summary of preliminary research and opportunities to RMC and discussed with PAs.
- **Low Income:** Reviewed Low Income Best Practices working group meeting agenda, minutes, assignments, and meeting materials.
- **Evaluation Coordination:** Continued review and comment on Cool Smart/HEHE net to gross, market effects and early retirement study; consideration of significant fuel conversion among program participants. Reviewed and provided comments on lighting supplier interview and onsite reports.

Evaluation, Measurement & Verification Advisory Group

- **EM&V Implementation.** Completed a large number of 2012-2013 studies to be filed with the 2012 annual reports, including a variety of impact evaluations, market assessment studies, and process evaluations.
- **TRM.** Where applicable, worked with the PAs to convert impact results into specific revisions to the 2012 report version of the TRM. Where applicable, also developed prospective applications of the impact results, to be used in the next plan version of the TRM. (For a variety of reasons, the prospective and retrospective applications of impact results may differ.)



- **EM&V Reporting:** Finalized approximately 28 evaluation reports that are to be filed with the 2012 annual reports.
- **EM&V Planning.** Continued early scoping of new studies agreed upon in the evaluation planning summit meetings held in February and May. Met with the new EMC strategic planning subcommittee to work on strategic planning issues discussed in the evaluation planning meetings.
- **EM&V Policy Issues.** Worked with the PAs, the consultant team planning & analysis and residential advisory groups, and DOER to assess the implications of evaluation results indicating that program-induced oil-to-gas fuel switching is quite prevalent in the HEHE program. Collaborated with EEAC Consultant planning team to develop recommendations for reporting component of DPU 11-120 process.
- **Miscellaneous.** Developed presentation for July 9 Council meeting, discussing EM&V framework, history, status, recent results, and planned changes.

Upcoming Activities

The sections below detail expected project efforts in the coming month. The calendar view of upcoming events has been discontinued.

Planning & Analysis Advisory Group

The Planning & Analysis group will undertake several tasks in the next few months:

- Continue meeting with the PAs and management committees to discuss and ensure the early and effective implementation of the key components of the 2013-2015 Three-Year Plan, including the key program enhancements, strategies, and action plans, in order to achieve the savings and benefits goals, maximize the use of best practices, serve all segments of MA customers, and support the Council's priorities, while also ensuring the cost-efficient use of ratepayer funding.
- Review and comment on the revised final draft report (revised sections in early July), final executive summary, and all draft work products and deliverables for the regional avoided costs study (the Avoided Energy Supply Component or AESC study).
- Review, analyze, and comment on the 2013 quarterly reports and the dashboard monthly reports and trends. Also, working with the PAs, complete the new template for the quarterly reports, focusing on the benefits and GHG reporting (Q2 and Q4 reporting), and implement any additional revisions identified and directed by the Council as a result of EEAC review of the revised template used for the Q1 report.
- Support the design and development of the statewide database, as directed by the Council and the Council's statewide database Subcommittee. Support the procurement of a database consultant and



facilitator to assist in the design of the statewide database. Participate in the statewide database working group as assigned.

- Complete work with the PAs on developing and implementing a more effective and efficient interim approach to data and data management, to ensure reliable and internally-consistent data in the interim while the statewide database is being developed.
- Support the Council, as directed, in its review and analysis of the DPU NOI Phase II order and the EE Guidelines, through the DPU 11-120 reporting streamlining process regarding the regulatory review, reporting, and approval of performance reports, performance incentives, energy efficiency surcharges, and mid-term modifications. Participate in the DPU 11-120 reporting streamlining working group and subcommittee as directed by the Council.
- Support the Council 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 additional discussions or follow up as directed, including in future technical sessions or in meetings with the PAs and others. We expect that the session on the implementation of multi-year, market-focused approaches for determining net savings, postponed from September 2012, will be rescheduled for 2013.
- Continue to review/comment on PA revisions to the 2012 Report TRM, per the TRM schedule and process.
- Participate on behalf of the Council in any other DPU 08-50 or 11-120 processes, as scheduled and as assigned by the Council..

C&I Advisory Group

The C&I Advisory Group will continue to support the implementation of the Plan. Specific areas of focus in coming months will include:

- Continuing to work with the PAs to support achievement of Three-Year Plan Commitments.
- Continuing to work with PAs, stakeholders, Council, and others to develop an integrated solution for utility-owned street lights.
- Continuing to work with PAs and DEP on Water/Wastewater strategy.
- Continuing to work with PAs to make a stronger connection and feedback loop between evaluation and implementation.
- Continuing to support the Commercial Real Estate Working Group and development of a PA roadmap to address the segment.
- Continuing National Best Practice Research to support PA strategy and achievement of Plan commitments.



Residential and Low Income Advisory Group

The Residential Advisory Group will continue to work with the PAs on planning tasks and preparation activities toward the successful implementation of the 2013-2015 statewide plan.

- Continue program planning discussions with the PAs at the Residential Management Committee (RMC), including on monitoring progress on the key Three Year Plan implementation tasks.
- Continue work to draft and revise best practices papers. Continue to refine list and scope of next phase of best practice research to continue progress toward deeper residential savings.
- Introduce new consulting team members to RMC working groups and plug them into their workflow
- Bring new consulting team members up to speed on HES initiative and work with Council and PAs on compiling data to support consideration of program results and opportunities for additional efficiencies and savings
- Monitor progress of MA C&I HVAC upstream efforts
- Follow-up with DOER on possible impacts of federal refrigerator and freezer standards on Appliance Initiative
- Review and comment on draft NEEP consumer electronics market strategies report
- Monitor progress of regional residential lighting hours of use study

EM&V Advisory Group

- Detailed scoping of planned new 2013-2014 studies
- Longer-term strategic planning process.
- Complete work on the 2012 report version of the TRM.
- Continue to engage on projects that are already in the planning stages, on in-progress projects that are scheduled to run into the Fall, and on ongoing EM&V policy issues.