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CONSULTANT TEAM

Memorandum

To	EEAC
From	Eric Belliveau and the EEAC Consultant Team
Date	8 July 2011
Subject	Monthly Report – June 2011

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

Planning Activities

- Supported the Council and DOER in developing its 2010 Annual Report to the legislature.
- Reviewed and commented on interim deliverables including energy price forecasts, energy avoided costs, capacity avoided costs, and other values developed in the Regional Avoided Cost Study, and reviewed and commented on draft chapters for the final report.
- Reviewed and commented on the C&I Strategies and the Hard to Reach presentations for the EEAC meeting in June.
- Developed follow up materials regarding energy savings, cost-effectiveness and the TRC test, to follow up on the presentations at the May and June Council meetings.
- Coordinated with DOER regarding the DPU proceeding on the Memorandum of Agreement (proposed settlement) for the 2011 MTM issues.
- Coordinated with the PAs regarding a schedule and process for the 2010 Annual Reports and EM&V studies.
- Reviewed a draft of the Blackstone Gas 2011 MTM submission for review and resolution by the EEAC at the June meeting.

Highlights from the Implementation Oversight Groups and EM&V Group

The sections below highlight activity in each of the major oversight areas.

C&I Team

The Team worked on several issues over the past month, covering a wide variety of topics.

- Continued work with the PAs consultant on deeper savings to explore and understand what strategies are being used elsewhere to capture deep savings, explore the technologies available to go deeper and their likely costs, and work on forward-looking strategies to achieve deeper per customer savings. Performed an analysis of completed C&I projects to better understand actual project depth (as a percent of energy usage), the distribution of depth by various parameters, and to support future efforts at identifying the characteristics of programs, customers, technologies, etc.

- Engaged with the PAs and two towns, along with their partner organizations, on some unsolicited proposals for community-based efforts to enhance and expand PA performance. The PAs and the communities agree that they want to work together and the PAs would leverage the marketing and technical services the communities can bring to bear.

- Continued progress on monitoring and recommending changes to the PAs dual-fuel custom project screening tool, to ensure it accurately and consistently screens measures for all PAs and supports effective customer sales.

- Monitored and commented on numerous evaluation studies.

Residential Team

The Residential Team covered key program areas by engaging with several working groups. High level developments by PAs in these areas include the following.

- General: Participated in the kick-off meeting of the Residential Management Committee (RMC) which will oversee operations of all of the residential working groups. Reviewed charter and developed priority discussion items for upcoming bi-weekly meetings. Reviewed draft final residential lighting program evaluation report. Engaged other Consultant Team members in internal discussion as to application of recent evaluation results, e.g., residential lighting and refrigerator turn-in, to 2011 program savings estimates.

- Products: Continued to review and monitor monthly lighting and appliance program progress to date. Discussed possible impact of recent evaluation results on 2011 savings if new NTG ratios from recent evaluations were to be applied. Discussed possible alternative program models in response to a short white paper drafted by their program implementation vendor Lockheed Martin. Discussed possible inclusion of highly efficient (2x) halogen lamps as an eligible program measure in 2012, with particular concern over market confusion re: CFLs, LEDs, and EISA-compliant lamps. Suggested expanded outreach for multi-speed and variable speed pool pumps to new pool construction.

- HVAC: Continued to engage PAs on the need to expand ECM fan furnace offering beyond gas-fired units, including recommendation to promote through CoolSmart, noting PAs concerns and potential need for approval at a higher level. Continued to encourage leveraging market research efforts on contractor HVAC sizing and specification practices through PAs equipment QA/QC visits in anticipation

of proper sizing becoming a 2012 program requirement. Continued to request regular reporting of program activity to date relative to goals, as in Products Working Group.

- Residential New Construction: Reviewed the results to date from the four residential new construction pilot programs, discussed their progress, and considered their inclusion for next year or, at least, in the next three year plan. Working with and encouraging the PAs to: revisit the nature of the mutilfamily effort as commercial vs. residential; develop mechanisms to work with builders to achieve the new ENERGY STAR Homes v.3 standard; and develop a simplified major renovation program.

- Multifamily: Recommended that electric PAs' desire to fund MF oil heat measures – which would increase overall participation and electricity savings – be brought up at the RMC level. Provided continued review and comment of PAs efforts to coordinate and harmonize their disparate MF Program incentive offerings. Engaged C&I Consultant Team members to ensure that MF Working Group measure harmonization efforts were consistent with C&I program offerings

- Home Energy Services: Participated in Mass Save HES working group meeting and Common Software final report call. Reviewed Hard-to-Reach/Hard-to-Serve charrette report materials. Participated in the kick-off HES Contractors Best Practices forum.

- Deep Energy Retrofit Pilot: Participated in the Deep Energy Retrofit working group meeting and engaged in discussions with evaluation and PA program personnel on future direction for the deep energy retrofit pilot, in preparation for the 3-year plan discussions..

Evaluation, Measurement & Verification

- Moved approximately 35 Round 1 EM&V studies to completion (or very near completion) in time for the 2010 Annual Reports.

- Moved forward implementation of approximately 10 Round 1 studies not scheduled for completion in time for the Annual Reports.

- Proceeded with planning and early implementation of a number of Round 2 studies..

Upcoming Activities

The Planning group will undertake several tasks in the next few months.

- Supporting the Memorandum of Agreement (proposed settlement) on the 2011 MTM issues, in the ongoing DPU proceeding.

- Supporting and analyzing 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 priorities.

- Reviewing interim deliverables in the Regional Avoided Cost Study, and finalizing the study in July.

- Participating in DPU 08-50 processes including reporting and bill impacts, as scheduled.

- Reviewing and analyzing future qualitative and quantitative quarterly reports (in July and August).
- Reviewing and analyzing 2010 Annual Report.
- Following up on energy savings, cost-effectiveness, and planning issues for planning purposes for the upcoming 2012 Mid-Term Modifications process and in preparation for the 2013-2015 Three Year Plans.
- Initial planning for the 2012 Mid-Term Modifications process, including working with the PAs on improving the MTM process, and developing a proposed schedule.

The C&I Team plans to continue working on the following issues:

- Deeper savings analysis and recommendations
- Supporting the planning group on the MTM process
- Reviewing and commenting on evaluation studies and potential impact on savings and program delivery strategies
- Joint PA and community-based efforts

The Residential Team will:

- Work with the PAs on residential program and pilot implementation and development through the new residential senior management group, the RMC.
- Engage in 3-year planning discussions with the RMC, and with specific residential working groups, as needed.
- Participate in discussion in early July with National Grid staff on market research they have done to define and model Hard to Reach (HTR) customers for their gas High Efficiency Heating and Hot Water (HEHE) program.
- Work with Products Sponsors to assess how recent lighting and refrigerator turn-in evaluation results might affect 2011 Program activities.
- Work with Product Sponsors to continue to define likely direction of program in 2012; e.g., the relative role of LEDs vs. CFLs and the possible inclusion of 2x halogens.
- Continue to work with CoolSmart PAs and RMC on expanded ECM fan measure program offering.
- Continue to work with CoolSmart PAs and Council Evaluation Consultant on possible market research to characterize HVAC system sizing practices.
- Discuss pilot presentations and decide which ones to pursue as part of future programs.

- Continue to coordinate with the RMC as the JMC determines how to work together.