

MEMORANDUM

To: Energy Efficiency Advisory Council

From: Paul Horowitz

Date: May 10, 2010

Subject: April Team Monthly Report – Activities Undertaken, Six-Week Look Forward,
Assessment

Councilors –Enclosed below are reports from the consultant team groups (Planning & Analysis, Residential and Low Income, C&I, EM&V) on activities undertaken during April and a look forward to the following six weeks. An assessment of the state of activities based on the experiences of the month and the upcoming tasks is also included. I have also included a brief summary of project management activities.

Monthly Consultant Report on Activities – April 2010

Planning and Analysis Team

I. Activities during April 2010

Planning and Analysis

- Reviewed and analyzed 2010 quarterly reports and data provided by the PAs. Analyzed and followed up with PAs on the data, including on lifetime energy savings and program-level results.
- Worked on development of a summary mechanism for reviewing the key building blocks and critical paths necessary to support the achievement of the MA goals.
- Reviewed bill impact analysis, discussed additional analysis indicated in DPU decision, and participated in bill impact working group.

Financing

- Developed draft materials for the financing/OBR working group report, including the revised residential owner and residential renter matrices of key issues for WG meetings, for the report for presentation to the EEAC.
- Worked with DOER to make progress on key unresolved issues, for both OBR and outside capital. Reviewed and commented on draft DOER clean energy financing approach and approach for attracting outside capital.

Marketing

- Reviewed marketing activities for achieving deeper savings with DOER; also reviewed and provided input for MassSAVE home energy as part of review of program steps/flow chart.
- Provided input to, reviewed and commented on PA and DOER presentations on marketing efforts.

Reporting

- Reviewed and commented on the PA quarterly reports (first part of the two-part reporting).
- Provided input and clarifications on the data to be provided for the second part.

TRM

- The TRM Core Working Group (CWG) accelerated efforts on the TRM project to frame and document the structural and content requirements of the TRM, which was critical to support the activities of PAs who have started breaking out into Measure Level Detail working groups. In addition to the weekly meetings guiding this process, a meeting of the "High Level" working group was held in early April, the second of monthly meetings of this group. The High Level Group's focus has narrowed to the key areas of Impact Factors; naming conventions to link the TRM to PA tracking systems to the DOER PARIS database; and the process to update and apply the TRM going forward.

II. Anticipated activities over next six weeks

- Review and consider improvements for bill and rate impact analysis, considering the issues raised in the DPU decisions, and work with the 08-50 working group.
- Review final gas costs, resolve as necessary.

- Resolve outstanding/unresolved financing OBR issues (e.g., financing for rental properties) in some process or forum, and report back to EEAC using updated matrices.
- Coordinate with DOER (Tom/others) on development of clean energy investment fund approach and special purpose vehicles to attain outside capital. Work on C&I financing in parallel (see note below). Seek input from finance people at PAs in addition to the DSM/EE staff.
- Follow up on marketing and messaging concerns related to deeper savings, and on fully integrated financing for 2010.
- Review quarterly reports in May, and provide a summary to the EEAC at Council meeting.
- Participate in 08-50 working group on annual reporting, when launched by DPU.
- Preparation for EEAC meetings in May and June (including document prep).
- Starting in May, the Core Working Group's activities will be directed to the requirements of the Measure Level Detail working groups that are charged with the task of documenting a consensus and transparent description of all prescriptive measures. As these measures are documented by those groups, they will be collected and reviewed by the Consultant Team and the Core Working Group. The project remains on track to complete core elements of the TRM v1.0 by June, in sufficient time to allow PAs to begin any required modifications to the tracking systems and to ultimately be used as part of the 2011 program plan filings in October.

III. Overall assessment of project

Making progress in many areas, but there are lots of tasks for the PAs to do, and progress is slower than it should be or it needs to be if MA expects to achieve the 2011 and 2012 goals and benefits. See prior monthly reports for additional details.

PA planning and analysis staff are very busy and still split many ways across many tasks – planning and analysis, assisting with the launch/development of new and revised programs and pilots, implementation support, development of financing, and EM&V, plus support for the DPU proceedings. The PAs also spent significant efforts on the Great Appliance Exchange in April.

Key challenge seems to be finding adequate time to look ahead and work on the key building blocks for the mid-term and the future, while faced with immediate and short-term assignments, as well as fires to fight. The EE programs are behind on most of the key building blocks necessary to achieve 2% savings in 2011 and 2.4% savings in 2012.

Making progress on financing and marketing, but slower than expected or hoped.

Regarding financing, the key questions are: what financing is available or will be available soon to assist customers in the 2010 programs, vs. what financing are we working on for the longer term, for 2011 and beyond (the statewide loan fund being developed will not be operational until late 2010/early 2011 at the earliest)? For example, for the revised MassSAVE program, which launched in early April, the only EE program financing that is available to customers now is the HEAT Loan program. While HEAT Loan has some positive features, it is not very convenient for customers and it does not appear to be fully integrated with the MassSAVE program, at least not yet. This raises questions regarding priorities and resource allocation, e.g., should the PAs focus on working with the HEAT Loan lenders to improve that financing offering, should the PAs focus with DOER more on the longer term and the statewide loan fund provisions, or do they have to do both concurrently?

Issues regarding financing and OBR for residential renters need additional attention and a committed focus.

The PAs also need to make progress on innovative C&I financing in parallel, as the PAs highlighted in their presentation to the Council in March. Innovative C&I financing is equally important, and in some ways it is both easier and more complex (lots of options, lots of different markets/segments and customer needs, etc.).

Regarding marketing, the launch of the new website in March was a major step forward, and the PA presentation to the Council was very informative. Marketing focused on achieving deeper savings (in order to lay the groundwork for achieving the much higher goals and benefits in 2011 and 2012), based on what we have seen and heard so far, may not be proceeding as well. Some of the marketing- and education-related tasks in MassSAVE, for example, are lagging (e.g., leave-behind information, interactive piece, integration of financing, sales training for contractors).

Residential & Low-Income Team

I. Activities during April 2010

The principal focus of the residential consulting team in April has been on working with the PAs to implement planned 2010 program activities. Efforts have been made in each of the major program areas, particularly concentrated on the two programs highlighted in the ‘Council Priorities and Key Actions for 2010’ document, MassSAVE/Weatherization and Residential Lighting and Appliances (Products).

MassSAVE/Weatherization

The Residential Management Committee (RMC) has been meeting weekly since the beginning of January to address the remaining MassSAVE/Weatherization program design and start-up tasks.

A primary focus has been on preparing the MassSAVE Technical & Process Manual that will serve as the principal reference document for the program. A draft of both the technical and process sections of the manual are being refined, with a final draft due in early May. Another major focus has been on refining the energy assessment report template so it can serve most effectively as an educational and marketing tool to motivate customers to pursue deeper energy saving measures. The PAs have made additional progress in the following areas in April:

Program Design Elements

- Integrating independent energy assessment providers into the program under vendors – Release of NGRID and NSTAR RFP to identify qualified assessment providers in MA. Audit providers expected to be chosen in early May.
- Development of a process to allow independent contractors to perform air sealing work.
- Development of a set of criteria to define how a contractor can claim a customer as their own.
- Development of draft scope of work for Stateside Contractor Management Vendor to coordinate the activities of independent contractors in the program.

Other Program Elements

- Continued discussions on the potential implications for the MassSAVE program of the pending Federal HomeStar legislation.
- More effectively serving landlords and tenants through the program. A draft Landlord/Tenant action plan was reviewed and discussed in April, with a revised draft and specific PA action items expected in May.
- The Consultants worked with the PAs to review and provide guidance for their 2009 “Existing Homes Ratings” metric, in developing an RFP that the PAs will issue to secure a contractor for the “exemplary” level.
- The RMC decided on the new program name “Mass Save Home Energy: 1-4 Family” to help customers clearly identify with the program.

Issues That Need to be Addressed:

- Full integration into program of energy assessment providers, home performance contractors, and installation contractors.
- Additional program marketing to drive participation.

- Defining the specifics of the duct testing/sealing program offering. A cross-program Duct Sealing Forum is planned for May.
- Integrating the deliverables from the 2009 MassSAVE metrics ‘Comprehensive Education Package’ and ‘Single Statewide Audit’ into the program.
- Consultants to work with the PAs to help develop building energy labeling pilot and provide guidance to ensure relevance to national and DOE labeling efforts.

Residential Lighting and Appliances (Products)

The PAs are continuing to review the 130 responses to their 2010 lighting Negotiated Cooperative Promotion (NCP) RFP. In total, the proposed promotions represent approximately three times the PAs’ 2010 lighting NCP budget. Through the end of April most of the PAs had met or exceeded their 2010 standard CFL goal and were on track to meet or exceed their specialty CFL goal. The proposed NCPs will form the basis for most of the PAs’ 2010 hard-to-reach (HTR) CFL activity. The PAs were requested to summarize for the Council Consultants the HTR CFL promotions to insure that the promotions are consistent with previous discussions and agreements as to the definition of “hard to reach.”

The PAs are on track to exceed their 2010 refrigerator and freezer rebate goal and there has been some discussion on raising the rebate criteria (from ENERGY STAR to CEE Tier 2) later in the year. The PAs’ refrigerator recycling activity is also on track to meet or exceed 2010 goals. The PAs have noted that the level of activity for this program component could be ramped up with additional marketing expenditures. At month’s end, the electric PAs were increasingly focused on working with the State to respond to the overwhelming customer response to the Great Appliance Exchange and to help develop and implement the planned second phase of the Great Appliance Exchange. The Consultants are working with DOER and the PAs to help frame these efforts. The Commonwealth plans to announce plans for this Phase 2 effort by mid-May.

The PAs are beginning to implement their 2010 consumer electronics efforts, but are still addressing some program design and implementation challenges. There are few advanced power strips currently available at retail. For TVs, proposed program plans with Best Buy would potentially deplete their entire 2010 TV budget in approximately one month. The PAs are considering increasing the eligibility criteria for their TV rebates. PA outreach and discussions continue to characterize the market for set top boxes and to identify possible program opportunities.

Other Key Programs/Pilots:

- Residential New Construction: The principal focus has been on working with the PAs to implement 2010 planned activities. Activities for this month included a review of activity to date, and a determination that forecasts show exceeding electric-only goals well before the end of the year. There continue to be concerns about anticipated budget issues, so the PAs are working to review and revamp incentives and ratings costs. The PAs continued their planning for a re-bid schedule for the implementation contractor and began outlining some of the bid elements. The Consultants reviewed their program performance tracking template that is derived from the October 2009 filing and made plans for revising reporting going forward to ensure tracking progress against the filing. Consultants, PAs, NMR and NEEP participated in a meeting to plan for next steps on calculating savings from code support activities and coordinating these efforts with C&I.

- HVAC – Gas & Electric: The gas and electric PAs have scheduled a joint gas-electric integration discussion as part of the May 21st GasNetworks meeting. These discussions will be critical to help move the gas and electric HVAC programs to seamless transparency from the perspective of participating customers and eventually contractors and distributors. The Cool Smart PAs have been offering training on the new diagnostic tool that will be the basis for their Quality Installation and verification program component. The PAs continue to make good progress to develop and get into the field their heat pump water heater (HPWH) pilot, with two units already installed. The Residential Consultant team met in April to discuss the cross-program opportunities to better address duct sealing. Currently this savings opportunity is being under served in many cases. A forum to better define PA efforts in this area is planned to be held in May.
- O-Power/Grounded Power: The Cape Light Compact presented results from their Grounded Power internet-based customer feedback program at the April Residential Managers meeting. Savings for participating customers (whose consumption is above the statewide average) is 9.3%, significantly higher than the 2-3% that National Grid (electric and gas) and NSTAR (gas only) have assumed for their mail-based O-Power customer feedback programs.
- Multi-family Retrofit: Efforts in April concentrated on responding to bidders questions on the Multi-family Market Integrator (MMI) RFP, which details the expected scope of work for the entity that will provide a single point of contact for multi-family program participants. Bids were due April 7th, with an expected contract award announcement on May 5th.
- Deep Energy Retrofit (DER) pilot: April activities centered on addressing the agenda items at the monthly working group meeting. Key topics addressed include: continued development of statewide DER project tracking spreadsheet, securing outside technical resources, and coordinating a May 19th discussion forum with national labs (LBNL and NREL) on potential synergies in deep energy retrofit pilot work.
- Low-Income 1-4: Efforts in April centered on advancing the Best Practices working group task items, including advancing contractor training and recruitment, and engaging on 2010 performance metrics.

II. Anticipated activities over next six weeks

The focus of our activities over the next six weeks will be continued engagement with the PAs to move from the more broadly defined program and pilot descriptions in the Three Year Plans to field implementation, as quickly as possible. Some of the primary themes that we will be addressing include the following.

- Lighting: The Products working group will determine which hard-to-reach negotiated cooperative promotions (NCPs) to implement and will re-start initial Lighting Plan development efforts.
- Products: The PAs will be principally focused on developing the second Phase of the Great Appliance Exchange. They will also continue efforts to characterize the market for efficient set top boxes (STBs) to inform future program design efforts, which may include legislative (appliance standards) or regulatory solutions.
- Residential New Construction: Consultants will work with the PAs and others to move forward the plans for Code compliance and savings attribution. PAs and Consultants plan to hold a series of meetings to prepare the RFP for program implementation (currently held by ICF) to be issued by early summer, for contractor

selection in mid-summer and in place by fall. Multifamily new construction qualification standards to be reviewed and revised, along with rating reimbursement and incentive amounts in an effort to reduce budgets.

- Marketing: Given that successful marketing efforts are essential for programs to achieve their ambitious 2010 savings goals, the consultants will continue to work with the PAs and DOER on coordination on specific program marketing initiatives, the statewide website and on general program marketing efforts.
- Gas & Electric Integration: As noted above, the Consultants will work with the PAs, primarily through the GasNetworks forum, on overall program integration efforts, developing a draft gas and electric integration plan and timeline. Duct sealing will also be highlighted as an important first step in cross-program HVAC integration efforts as part of larger discussions on duct sealing. The consultants are scheduling a cross-program (new homes, MassSAVE, Low Income, High Efficiency Heating and Hot Water, and Cool Smart) duct sealing forum in May to address issues of standards consistency, contractor training and availability and applicability of duct sealing services in all programs, and to support the recently adopted revised state Energy Code.
- O-Power/Grounded Power: With the significant annual energy savings expected from O-Power, the Consultants will monitor program start-up and work with the PAs to monitor and guide program development going forward, including statewide expansion across both electric and gas PAs.
- Contractor Infrastructure: The Consultants will continue to work with the PAs and DOER on the on-going efforts to bring independent auditors into the MassSAVE program, and to ensure a smooth transition from the existing MassSAVE Boot Camp to the MassGREEN training system.
- EM&V Activities: With the extensive array of residential EM&V projects in 2010, the Consultants will continue to work to facilitate the successful coordination among the PAs implementation and evaluation groups.
- Reporting Enhancements: In each of the programs and pilots the Consultants will continue to work with the PAs on enhancing and optimizing program reporting to help streamline consultant engagement with the working groups and to provide the necessary information and data reporting to the Council.

III. Overall assessment of project

The PAs are very engaged and are making progress on 2010 program and pilot start-up, but there is still a lot of planning and transition work still to be done. There has generally been good cooperation among the PAs, and with the Consultants, in the program working groups. There remain, however, several key issues that will require Consultant attention to the PAs efforts in order to ensure successful resolution. Key issues that still need to be addressed/resolved include: 1) Gas and electric integration of primary elements of the HVAC programs, 2) Lighting program planning/re-design, 3) Successful integration of the new MassSAVE program collateral pieces (Energy Assessment Report, Comprehensive Education Package), and 4) Developing guidance and procedures to address situations in which program expenditures approach their annual budgets.

C&I Team

I. Activities during April 2010

Continued monitoring and advising PAs on program integration activity and assisting PA efforts to develop a more structured approach to joint activities and joint decision-making. Notable activities included the following:

- The PAs are establishing the basis for what might be called an “on line academy” of resources to assist trade allies (and potentially customers) to navigate the complexities of the programs and their requirements. The first upload will be a recast of the program presentations delivered at the Trade Ally Open Houses, broken into discrete subject areas. In this way a vendor who missed the open house, or simply needs a refresher on some aspect of the programs, can download and review the appropriate clips. This also fulfills an additional function of providing a single point of reference for a consistent statewide explanation of program rules and guidelines, accessible to all. In addition, it has helped the PAs work through the different aspects of program design and ensures consistency and effectiveness.
- PAs are discussing ways to consistently receive, process, and address the myriad unsolicited requests and proposals they receive from third parties wishing to access program funds or to provide specialized services. These requests have burdened staff resources. As a result, a formal and consistent process will be developed that requires better documented information from solicitors that will perhaps weed out those that are frivolous while at the same time providing PA staff with the needed information to assess new opportunities.
- In a similar vein, the PAs are exploring way to more efficient and economically collectively participate in regional and national groups in which they have long participated as individual members. This would include such groups as the Consortium for Energy Efficiency (CEE), North East Energy Efficiency Partnerships (NEEP), E-Source, etc. The intent is to participate in these initiatives as a single statewide entity, rather than each PA individually. This will ensure consistency of efforts in MA, while dramatically reducing the staff resources needed to interact with these efforts.
- A joint program management structure is being developed to more efficiently manage the bi-weekly (formerly weekly) C&I management meetings of all the PA program managers. This process will ensure a common understanding of decision-making processes, avoid the need to revisit decisions, and ensure that the PAs can collectively make timely and appropriate decisions with a minimum of bureaucracy.
- PAs have formalized a specialized subcommittee structure (Lighting, HVAC, Prescriptive Gas Measures and Technologies, Municipal Services, Small Business Services, etc.) with joint PA staff participation but a single lead from amongst their number. Work assignments that require subject matter expertise and attention will be delegated to these subcommittees, with final policy or technology recommendations forwarded to the management group for final disposition and implementation.

- PAs are developing a procedure to determine when, and by whom, the MassSave logo and brand can be displayed and leveraged. The expectation is that it will build off the historic terms of use developed for the MassSave brand on the residential side.
- The management group met with representatives of Cadmus and DOER for initial discussion of marketing material needs and desires. Given that most of the C&I services are direct marketed through either vendors (Small Business Services, Project Expeditors, etc.) or PA account managers, needs should be relatively modest and strategically targeted.

Consultant team worked with PAs and DOER on developing procedures and policies related to fuel switching measures, including what criteria should be used to determine eligibility, how to track savings and benefits across fuels, and cost-effectiveness screening issues.

Areas of Future Interest or Potential Concern:

- PAs are under considerable pressure from a variety of outside interests from a variety of levels who wish to participate in program development or delivery in a variety of ways. Of course, all wish to get funding to do this. The issue here is how to process this input in a manner that is transparent, equitable to all and maximizes the potential to add a value that actually produces additional savings, or more cost-effective savings. While there are few common themes, one that has emerged is a lack of full recognition that the programs must measure these ideas and proposals in terms of added savings at a reasonable cost, and that they cannot fund “activities” or outreach alone. The PAs are finding the current situation to be a considerable distraction of staff resources away from core goal requirements.
- There remains a concern that the disparate offerings under ARRA or other funding streams that are not accompanied by the same cost-effectiveness or savings verifications as are required by the programs regulated by the DPU may create market or customer confusion.

II. Anticipated activities over next six weeks

- Continue to monitor PA program coordination and implementation tasks.
- Continue to assist PAs in developing joint program management coordination and decision-making systems that can expedite the delivery of seamless customer experiences, maximize the efficient use of combined PA staff resources and expertise, and facilitate rapid program delivery interpretations and corrections when necessary.
- Work with the PAs to finalize a process to review and assess third party proposal for services to the PAs, as well as a process for joint participation in regional and national organizations and research efforts.

- Continue to assist the PAs in locating additional outside, third-party funding sources and partnering arrangements to fund research and demonstration efforts in such areas as: comprehensiveness and deep retrofits, data centers, laboratories, etc.
- Continue to work with the PAs and EEAC/DOER to ensure an efficient, timely, consistent and accurate method for cost-effectiveness screening of custom measures across the state with a common tool and development of a consistent policy on fuel switching.
- Continue to work with PAs to develop a clear and effective plan for pursuing deep retrofits over time.
- Monitor PA progress toward savings and spending goals, as well as planning efforts and development and implementation of new strategies and services.
- Work with the PAs and EEAC/DOER to better understand and integrate the state- and federal-level initiatives (*e.g.*, the Green Communities efforts of DOER) with the PA programs to ensure the most effective services that enhance and leverage each other and avoid disruption in the market.

III. Overall assessment of project

The PAs continue to make progress in developing joint decision-making processes and melding different individual programs and processes. There still needs to be closure on a working relationship that delegates some level of final authority – at least on routine matters – to the parties that regularly attend the managers’ group meetings. While improved significantly, decision-making on routine matters is still taking too long.

The use of combined staff resources from various PAs, under the overall direction of the management group, to better undertake common or joint tasks is beginning to be institutionalized. It worked well in the planning and delivery of the trade ally open houses; it is now being tested in other areas as well.

We expect that PAs will achieve a smoother and more integrated process soon that will enable a more efficient progress towards important planned initiatives (*e.g.*, better integration of gas/electric, better customer service through single points of contact and seamless delivery across multiple PAs, etc.), while continuing to focus on delivering the traditional services to as many customers as possible. We expect this process should result in significant increases in program activity in the 3rd and 4th quarters of 2010 to bring the PAs progress more in line with annual goals. While there are some concerns about the current first quarter progress toward goals, until we review and better understand the level of commitments and large projects in the pipeline it is difficult to assess whether this is a major concern. The consultant team will investigate this issue in May. It is the historic pattern that C&I savings activity is relatively low in Q1, and then dramatically increase in the second half of the year as many large projects come on line. Often a significant percentage of PA savings and expenditure occurs late in Q4, as businesses work to close out their annual books. (This is the so-called “hockey stick” effect.)

There remains a common concern amongst the PAs and the Council consultants that PAs are being asked to participate in many state or regional initiatives that do not advance achievement

of goals and yet demand the attention of staff resources. The consultant team expects to engage more with DOER and the PAs to better understand the various initiatives and develop procedures and plans that effectively integrate these efforts and ensure they enhance each other rather than compete in the market and create confusion.

EM&V Team

I. Activities during April 2010

Implementation of new EM&V Framework

In April we completed the process of contractor selection and pre-contract negotiations, and sent seven contracts for the six research areas¹ to the PA procurement departments for contracting. As of May 4, most research areas were still in the contract execution phase, but a kickoff meeting had been held for one research area, with four more kickoffs scheduled for the first half of May.

The spreadsheet accompanying this report (below) shows the contractor teams selected for each research area, along with the assigned PA staff and EEAC Consultants. The seven contractor teams selected include 15 different contractors, with each team led by a prime contractor. No contractor is priming more than two research areas, but three different contractors are priming two areas apiece.

In general, we view the winning proposals and teams as being of excellent quality, reflecting the robust market response stemming from the wide scope and long-term nature of the contracts. The mix of contractors is also somewhat more diverse than has historically been the case in Massachusetts, which we view as a desirable outcome.

The negotiations phase resulted in many, though not all, of the EM&V studies planned for the next 12 months being scoped out in more detail. Most of those studies still not scoped out in detail will be refined over the next 1-2 months. At this point our best estimate of the total cost of the activities currently planned for the next 12 months is \$6.5-7.5 million, with the amounts for individual areas ranging from roughly \$500,000 to \$2.8 million. Some additional studies are likely to be developed during the course of the year, and it is possible that some currently planned studies will be canceled later, so total actual EM&V costs for the 12 month period are likely to diverge somewhat from this range.

Implementation of EM&V Studies

We continued in April to provide input into the implementation and reporting of some 12-14 EM&V studies being conducted either under the old system or regionally by the Northeast EM&V Forum.

Providing EM&V Input Into Policy and Program Planning Issues

Such issues that we worked on in April included: the Technical Reference Manual (TRM); the design of Community-Based Initiatives; and the development of new approaches to encouraging upgrades in codes and standards.

II. Anticipated activities over next six weeks

Over the next six weeks we anticipate holding kickoff meetings for all remaining research areas and beginning to implement studies. We also expect to continue providing input to the implementation of numerous in-progress studies and evaluation support to policy and program planning issues.

¹ One research area, Special/Cross-Sector Studies, has been split across two contractor teams.

III. Overall assessment of project

The development and implementation of the new EM&V framework generally remains on track, although there has been some slippage in the schedule associated with the need for each PA to develop a contract with each of the seven prime contractors. (Each research area is being managed by a lead PA, but that does not obviate the need for contracts between the prime contractors and the other PAs. This has caused something of a least common denominator effect, as work in each area cannot proceed until a majority of the PAs has completed the contracting process.) We do not regard the slippage in the schedule as serious as of now, but are keeping an eye on the issue.

Thus far there have been no disagreements between the PAs and the EEAC Consultants on EM&V-related issues that could not be resolved collaboratively.

<See Research Area assignments in the following table>

EM&V Research Area Assignments

Contractor	Large C&I	Small C&I	Residential New Construction	Residential Retrofit	Residential Products	Cross-Sector Contract Group 1: Free Riding, NEBs	Cross-Sector Contract Group 2: Marketing, Community-Based, Behavioral
Cadmus		Prime	Sub	Prime	Sub		
NMR	Sub		Prime		Prime	Sub	
ODC		Sub		Sub			Prime
KEMA	Prime		Sub		Sub	Sub	
PA					Sub	Prime	
Navigant		Sub		Sub			Sub
ERS		Sub		Sub			
Itron	Sub			Sub			
Apprise	Sub						
DMI	Sub						
SBW	Sub						
Conant			Sub				
ECW						Sub	
Econorthwest							Sub
EMI							Sub
EEAC Liaison	Prahl	Prahl	Wirtshafter	Wirtshafter	Prahl	Prahl, Wirtshafter	Prahl, Wirtshafter
Lead PA	NGRID	NSTAR	NGRID	NSTAR	NSTAR	WMECO	WMECO
Lead PA Staff	Jacobson, Wood	Weber	Blake	Azulay	Jhaveri	Fry	Fry (Overall RAM); Farrington (Study Director, CBII); Henschel (Study Director, behavioral programs); Taylor (Study Director, global process eval.)

Project Management

I. Activities in April 2010

- Kept team informed of directives from the Council and DPU's orders regarding focus of activities in April and upcoming in May;
- Maintained regular communication with team regarding on-going activities, issues, updates
- Maintained regular communication with DOER about project updates and issues

II. Anticipated activities over next six weeks

- Coordinate consultant team input into preparation of Council meeting materials;
- Continue regular communications with team regarding on-going activities, issues, updates;
- Manage new or enhanced team assignments in the context of approved workplan and budget.
- Continue regular communications with DOER.