

**BCAP FINAL REPORT**

**Reporting Period:** June 1, 2010 *TO* November 30<sup>th</sup>, 2011  
**Contract Number:** DE-EE0003375  
**Contractor:** Alliance to Save Energy / BCAP  
**NETL Contact:** Judith Dyer

**PROJECT STATUS AS OF NOVEMBER 31st, 2011**

|                                    |                                  |   |                                       |
|------------------------------------|----------------------------------|---|---------------------------------------|
| <b>Contract Start Date</b>         | <u>June 1<sup>th</sup>, 2010</u> | <b>Contract End Date</b>                | <u>November 30<sup>th</sup>, 2011</u> |
| <b>% of Project Complete</b>       | <u>100%</u>                      | <b>% of Time Elapsed under Contract</b> | <u>100%</u>                           |
| <b>Contract Budget</b>             | <u>\$1,000,000</u>               | <b>Match Required for the Contract</b>  | <u>\$0.00</u>                         |
| <b>LT Fed Obligations</b>          | <u>\$</u>                        |   |                                       |
| <b>Expenditures to Date</b>        | <u>\$1,000,000</u>               | <b>Match Funds Provided to Date</b>     | <u>\$0.00</u>                         |
| <b>% of Funds Expended to Date</b> | <u>100.00 %</u>                  | <b>% of Match Funds Paid to Date</b>    | <u>0</u>                              |

## DELIVERABLES UPDATE

State what each deliverable is and answer the questions that follow for each deliverable.

### **Task 1 - Project Management Plan**

The Alliance will develop a *Project Management Plan* which will specify the staffing requirements, resources needed, schedule, and budget for each activity.

**% Complete**                100                %

**Estimated Completion Date**                November 30,  
2011    

*Discuss activities for this reporting period. If no activity has taken place please indicate why that is and when you expect activity to take place.*

Completed

*Is activity on schedule for this deliverable?*

Yes

### **Task 2 - Establish Common Communication Platform**

The Alliance will establish a communications platform from which DOE can post National Code Initiative information to a registered, select audience of supporters. The platform will have the capacity for DOE and these supporters to share energy code-related information, discussions, questions, and answers; for stakeholders and supporters to make supporting commitments; and for DOE to coordinate and track those activities.

Task 2.1 – The Alliance will maintain the communications platform.

Task 2.2 – The Alliance will promote use of the platform to stakeholders and supporters and moderate the dialogue.

Task 2.3 – From the dialogue, the Alliance will identify products and services that are needed by the energy codes community in support of building energy code adoption, implementation and compliance. The Alliance will compile and communicate these needs to DOE.

Task 2.4 –The Alliance will evaluate the effectiveness of the platform in facilitating communication and collaboration. The Alliance will use the evaluation feedback to make improvements to the way it utilizes the platform.

Task 2.5 – The Alliance will collect, analyze, and track information on state activity that moves the state towards the goal of 90 percent energy code compliance.

Task 2.6 – The Alliance will develop online tools appropriate for the states to communicate their progress and needs to DOE and other stakeholders.

Task 2.7 – The Alliance will evaluate, analyze, and synthesize state progress information to develop best practices, online tools, and other resources to assist states improve their adoption, implementation and compliance of building energy codes.

Task 2.8 – The Alliance will deliver drafts of state progress analyses to DOE prior to web posting for review by and collaboration with DOE.

Task 2.9 – DOE will provide technical guidance in developing of and review of state progress analyses, best practices, online tools, and other resources.

**% Complete**      100%                      %

**Estimated Completion Date**                      11/30/2011

*Discuss activities for this reporting period. If no activity has taken place please indicate why that is and when you expect activity to take place.*

Completed

*Is activity on schedule for this deliverable?*

Yes

**Task 3 – Develop Methodology**

Task 3.1 – The Alliance and the Department will enlist partners to contribute guidance in developing the methodology and templates for the Gap Analysis, Roadmap, and Action Plan reports, and other materials. At a minimum, the partners will include the Alliance’s Principal Investigator, the Department’s Project Officer and a representative from PNNL’s BECP.

Task 3.2 – With guidance from the project partners, the Alliance will develop templates for the Gap Analysis, Roadmap, and Action Plan reports. The templates, at a minimum, will define the section headings within each report, and specify the data that the project will collect. With guidance from the project partners, the Alliance will determine and develop other materials as needed. Supporting materials will document project assumptions, relevant details and other information.

- The *Gap Analysis* report will provide a comprehensive picture of the strengths and weaknesses of the state’s code adoption, implementation, and enforcement. The report will identify specific opportunities for improvement and make general recommendations as warranted. The report will provide states with information about tools currently available from the Building Energy Codes Program and encourage their use, as appropriate. (See Task 5)
- The *Roadmap* will detail specific solutions for improving code compliance in the state. The *Roadmap* will include an assessment of the current situation, goals, objectives and strategies for meeting them. The *Roadmap* will identify partners, stakeholders, and funding sources for needed resources. The report will provide states with information

- about tools currently available from the Building Energy Codes Program and encourage their use, as appropriate. (See Task 6)
- The *Action Plan* will detail 90% code compliance implementation plan. The *Action Plan* will identify participants with corresponding actions, set milestones, and provide a schedule for completing tasks. The report will provide states with information about tools currently available from the Building Energy Codes Program and encourage their use. (See Task 6)

Task 3.3 - The Alliance will submit the templates and supporting documents to the Project Officer for approval by the Department.

Task 3.4 - The Department will review the materials provide approval or further technical guidance.

**% Complete**      100%      %

**Estimated Completion Date**      October 31, 2011

*Discuss activities for this reporting period. If no activity has taken place please indicate why that is and when you expect activity to take place.*

Completed

*Is activity on schedule for this deliverable?*

Yes Completed

**Task 4 – Promote Services**

Task 4.1 Market State Building Energy Code Compliance Services to States

Task 4.1.1 – The Alliance will develop communication messages and materials to encourage state enrollment in fulfilling the requirements of Tasks 5 and 6 in this State Building Energy Code Compliance Planning Assistance project.

Task 4.1.2 – The Alliance will submit communication materials to the Department for review and approval by the Department prior to release.

Task 4.1.3 – The Alliance will contact and explain to the states that have already requested assistance in planning and implementing long-term energy code policies, practices, and programs, (including a compliance implementation plan) what assistance the Alliance is offering and how it can be provided.

The Alliance will contact other states to make them aware of the available assistance and explain the benefits to them. In both cases make clear the expectations of commitment of state staff time: providing information and data, assisting in leveraging existing relationships with local governments and state agencies, setting up and participating in Gap Analysis and Needs Assessment report meetings. Also make it clear that participating elements of the state must include those organizations that are responsible for implementing and administering the code such as the State Energy Office, Fire Marshal, or Governor’s Office.

The Alliance will post the information about available assistance and participation requirements on its communication platform website, arrange to links to it from

www.energycodes.gov, and provide local and national organizations with information on the program offering to market in their areas.

#### Task 4.2 - Enlist Partner Participation

The Alliance will identify organizations that offer technical training, tools, resources, and regional support, and solicit their participation in the project by forming partnerships and aligning program offerings within the states. The Alliance will develop partnership documents that formalize the project partnership relationship.

**% Complete**      100%      %

**Completion Date**                      August 13, 2010

*Discuss activities for this reporting period. If no activity has taken place please indicate why that is and when you expect activity to take place.*

Activity: Completed

*Is activity on schedule for this deliverable?*

Yes Completed

#### **Task 5 – Gap Analysis**

##### Task 5.1 - Enlist State Partners

Task 5.1.1 – The Alliance will identify and recommend 15 to 18 states that will be most likely to follow through on the assessment and planning to implement real program changes or new programs to increase the effectiveness of building energy codes.

The recommendations will be include a terse several page explanation as to why each state is recommended. Provide the following information:

- Background/history of commercial energy codes in the state and amount of construction expected to be impacted
- Current status of energy codes in the state
- Champions
- Issues/code barriers

Task 5.1.2 – The Alliance will present the recommendations to the Project Officer for selection by the Department. The Department will review the recommendations and will provide the Alliance with its selections.

Task 5.1.3 – The Alliance will develop a template Memorandum of Understanding for states and present it to the Project Officer for approval by the Department.

Task 5.1.4 – The Alliance will obtain a written Memorandum of Understanding from each selected state explaining the assistance that the Alliance will provide and the state’s commitments.

- In the MOU, designate a representative from the state office responsible for energy codes (such as the energy office, or governor’s office) as the lead state official. Clearly delineate the official’s responsibilities such as providing data, setting up meetings, securing participation from other state agencies as a part of its commitment to participate in the project.

##### Task 5.2 - Assist States in Developing a Gap Analysis



**Task 6 – Roadmap and Action Plan**

**Task 6.1 - Enlist State Participants for Further Action**

Task 6.1.1 – The Alliance will identify and recommend 10 states that will be most likely to follow through on the development and implementation of a Roadmap and Action Plan, with a 90% code compliance implementation plan component. The recommendations will include a short explanation as to why each state is recommended. (Address the issues described in Task 5.1.1)

Task 6.1.2 – The Alliance will present the recommendations to the Project Officer for selection by the Department.

Task 6.1.3 – The Alliance will obtain a written Memorandum of Understanding from each selected state explaining the assistance that the Alliance will provide and the state’s commitments.

In the MOU, designate a representative from the state office responsible for energy codes (such as the energy office, or governor’s office) as the lead state official. Clearly delineate the official’s responsibilities such as providing data, setting up meetings, and securing participation from other state agencies as a part of its commitment to participate in the project.

**Task 6.2 - Research and Assess Available Resources**

The Alliance will assist the selected 10 states and their local agencies to develop workable recommendations to fill the gaps identified in the Gap Analysis. Where gaps exist, include an assessment of funding and the availability of training and resources from the regional energy efficiency organizations (e.g. MEEA, NEEA, NEEP, SEEA, and SWEEP), BECP, ICC, ASHRAE. Also include existing state/local programs, educational institutions, and utility programs for opportunities to expand or redirect them to fill gaps.

**Task 6.3 - Develop State Specific Roadmap and Action Plan**

Task 6.3.1 - The Alliance will assist each state to develop a Roadmap detailing specific solutions for improving code compliance in the state. The Roadmap will include an assessment of the current situation, goals, objectives and strategies for meeting them. The Roadmap will identify partners, stakeholders, and funding sources for needed resources.

Task 6.3.2 - The Alliance will assist each state to develop an accompanying Action Plan. The Action Plan will detail a 90% code compliance implementation plan. The Action Plan will identify participants with corresponding actions, set milestones, and provide a schedule for completing tasks.

**Task 6.4 - Deliver and Sign off on Roadmap and Action Plan**

The Alliance will support the delivery and presentation of the Roadmap and Action Plan reports by the lead state official at a meeting involving all the state partners. The Alliance will participate in recommending next steps, answering questions, building support in the state, and advocating sign-off. The Alliance will assist the state to use the meeting as the official kick-off of the identified activities for the state.

**% Complete**      100                      %

**Estimated Completion Date**      11.30.2011

*Discuss activities for this reporting period. If no activity has taken place please indicate why that is and when you expect activity to take place.*

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Completed

*Is activity on schedule for this deliverable?*

Yes - completed



## OVERALL PROJECT STATUS

*Is the project on schedule to be finished by the term date? **Yes** If not explain why.*

**Yes**

*What accomplishments, publicity and/ or good news has taken place during this reporting period?*

Through completion of this project, BCAP met all its identified success criteria. In Task 5, 14 Gap Analysis reports were completed and posted on OCEAN for public viewing. The 15<sup>th</sup> Gap Analysis report was completed for Vermont, but as noted in previous quarterly reports, we did not receive Vermont's final approval to post the report to OCEAN. As soon as the report is finalized it will be posted. Two additional states, Nebraska and Missouri, also had Gap Analysis reports through a separate funding source. For Task 6, and in continued partnership with 10 of the 15 state agencies, BCAP completed the 10 Strategic Compliance Plans (Roadmaps), plus one additional, Nevada, leveraged through separate funding. All Gap Analysis Reports and Strategic Compliance Plans are downloadable and can be found here: <http://bcap-ocean.org/compliance-planning-assistance-program>. We also printed five copies of each state plan, mailed three copies to each state, and sent one copy to each relative Regional Energy Efficiency Organization (REEO).

It was determined that the use of the word "Roadmap" was confusing and possibly misused and overused in this context and by others in the field. Thus to add clarity, BCAP dropped the title on the draft document and started using the term "needs assessment". This further confused the issue because the document was much more than a needs assessment. Compliance Planning Assistance Program (CPA) was determined to be the best way to classify this work and to also follow the titles and terse definitions given in the respective SOPO sections for Gap Analysis and Roadmap/Action Plan.

The project officially began June 1<sup>st</sup>, 2010 and ran 18 months. However BCAP began pre-award work April 1<sup>st</sup>, 2010 whereas the first Quarterly report covered April 1 through June 30<sup>th</sup>. Over 22% of the project funds were expended in these first three months. Much of that was due to repeated negotiations with the then NETL contract officer with regards to the Project Management Plan (PMP). This officer left the project at the end of the first year, but in the meantime precious time was squandered writing and rewriting the 45 page PMP – not to mention numerous iterations of Gantt charts and budgets, and numerous conference calls. We believe this is the main reason why the project was overspent before November 31<sup>st</sup> 2011. Eighty percent of the budget was spent within the first 12 months. BCAP used other funding as leverage to complete this project.

Also during the pre-award period, BCAP leveraged a previously developed Alabama Gap Analysis report, to draft a state assessment tool for this project; specifically preparing a version by the end of April for review and input by states and other stakeholders prior to, and during, an energy code stakeholder workshop. BCAP organized this foundation funded workshop with the National Association of State Energy Offices (NASEO) to

promote collaboration and information-sharing among energy code stakeholders about this project and our goals.

In order to engage national and regional advocates and involve states in the project, we took advantage of the opportunity the NASEO meeting afforded. We created a draft tool to present the type of information and format that we considered using for the project. The draft tool (referred to as the Roadmap/needs assessment tool) <http://bcap-ocean.org/resource/compliance-assessment-tool-draft> was shared, for comment, with all the state energy offices, all the REEOs, NASEO, PNNL, DOE, NETL, USGBC, Sierra Club, Mathis Group, Institute for Market Transformation (IMT), Energy Foundation, and other stakeholders.

Extensive research ensued to develop the "Roadmap/needs assessment tool" document, presented at the NASEO meeting, which became a sample format that BCAP could use to assess a state's status in relation to the 100% compliant state theoretical model. The model theoretical state was created by cataloguing best practices and using this list as a benchmark. <http://bcap-ocean.org/resource/best-practices> The "Roadmap/needs assessment tool" contained over 50 questions regarding energy codes and infrastructure. This tool was circulated to DOE, EEPs, all 50 states, and all participants of the NASEO April 26th meeting. The comments generated lead BCAP to rethink the format and utilization of the document. This tool was set aside and the plan was to revisit the tool and automate it once the Gap Analysis reports and Strategic Compliance plans were completed.

The concept pieces for the Compliance Plans and Gap Analysis reports found here: <http://bcap-ocean.org/compliance-planning-assistance-program> were also created and vetted through a collaborative process with the REEOs and national advocates. As testament of BCAP competency, there was not a lot of feedback.

Concurrently, extensive marketing was done to pitch the project to states utilizing these marketing and interest forms <http://bcap-ocean.org/resource/task-41-marketing-cpa-states>. A presentation was made at a NASEO conference and at the DOE National Codes Conference. Twenty one states submitted interest forms but only 15 signed the required partnership agreements with BCAP. A partnership agreement <http://bcap-ocean.org/resource/task-42-and-others-draft-bcap-eeep-partnership-agreement> was used in lieu of a memorandum of understanding to expedite the commitment process, but even with this change, six states could not meet the deadline for participation or dropped out for other reasons.

Research for the Gap Analysis Reports included the development and use of these comprehensive questionnaires <http://bcap-ocean.org/resource/gap-analysis-questionnaire-master>. These questionnaires were used as guides for oral interviews made with hundreds of code officials, builders, designers, city and state officials, trade associations, manufacturers, and other stakeholder groups. Gaps and recommendations totaled up to 30 in some states, and it was very encouraging as states began to address these gaps even before the reports were completed or before a compliance plan was written.

In fulfillment of Task 2, BCAP established a communications platform for the CPA Program through OCEAN. The centerpiece of this platform is the CPA section on

OCEAN, posted prominently as a Home Page Feature [\[link\]](#). The section includes information on the CPA Program, an overview of each state participant, best practices, and access to BCAP final reports, as well as similar work leveraged through other federal funding. BCAP updated this section throughout the project to reflect our work and interactions with state and local stakeholders and DOE. BCAP also maintained communications with DOE through the private CPA Collaboration group.

Moreover, BCAP featured the CPA Program prominently on the Implementation Status Map, a visual representation of the most important state-level energy code implementation projects from around the country [\[link\]](#). The map also includes other state-level project funding BCAP was able to leverage.

As the analytics report below shows, the CPA section has received considerable website traffic since the close of the project, indicated a strong interest from users in the outcomes of our work.

Below is a compilation of BCAP activities that satisfy Task 2:

- Links to state CPA pages were used in communication with state partners to promote the use of OCEAN as the platform for all CPA work. Task 2.2
- Social media (Facebook and Twitter) promotion of OCEAN Task 2.2
- Creation and continual improvement of the CPA section on OCEAN, including:
  - Creation of landing page [\[link\]](#)
  - Landing page structural modification and design improvement to include the ability to encompass future statewide compliance activities that go beyond the scope of this project Task 2.1 [\[link\]](#)
  - Creation and monthly updates to 15 CPA individual state pages and 4 additional state pages for similar BCAP compliance projects. Pages include:
    - a. Links to all 15 Gap Analysis Reports completed within this project, as well as one additional relevant report [\[link\]](#)
    - b. Links to all 10 Strategic Compliance Plans completed within this project, as well as two additional relevant plans [\[link\]](#)
    - c. A summary of findings from the Gap Analysis Report, the Strategic Compliance Plan, and additional projects or conversations with stakeholders
    - d. A link to all of the state-specific compliance projects completed, including those completed within the scope of this project
    - e. A link to the partner organization(s) involved in the statewide compliance project
    - f. “Quick Facts” citing compliance evaluations and the benefits of code compliance
    - g. A link to the state’s Code Status Page on OCEAN
- Promotion of these updates to all project participants and stakeholders Task 2.2
- Monthly updates to Where is BCAP? map, used to track BCAP staff in the CPA states Task 2.1 [\[link\]](#)
- Quarterly updates to Implementation Status Map Task 2.5 [\[link\]](#)
- Ongoing updates to OCEAN adoption status pages to link to CPA individual state pages Task 2.1
- Administration support Task 2.1 through 2.8
- Promotion of OCEAN’s library of resources in Strategic Compliance Plans and the

## CPA section Task 2.2

- Strategic Compliance Plans reference resources available on OCEAN. For example, states were directed to the consumer portal [[link](#)] to find outreach tools, resources, and ideas. OCEAN has proven to be an effective platform in sharing and communicating many items related to the CPA program.

Updated products and documents created for this project include:

### [Implementation Status Map](#)

A map showcasing all of the known implementation programs in the country, their program summary, status, and links to more information. Additional links for each of the states are available on the map and, after toggling down, in the state summary. Task 2.5

### [CPA Landing Page](#)

The main page for the CPA program on OCEAN. Includes a short project description, resources, links to both reports—Gap Analysis Reports and Compliance Plans—and individual state pages. Tasks 2.1 and 2.3

### [Individual CPA State Pages](#)

The secondary CPA pages that focus on the complexities of each individual state. Gives a summary of CPA activity, state resources, related-state information, lists state partners and links to their homepage, and other valuable links. Arkansas shown as example. Task 2.3

### [Private Stakeholders Group](#)

A closed member group that brings together all parties involved in the CPA project, shares resources, and contains discussion groups. Task 2.2

### [Where Is BCAP?](#)

Monthly updates to the Where is BCAP? map to reflect travels completed in support of this project.

### [Regional Energy Efficiency Organizations Map](#)

Assists with research on projects by REEOs Task 2.5

### [NASEO Regional Coordinators Map](#)

Assists with research on projects for NASEO Task 2.5

Google Analytics Report (see below under performance data)

In conclusion, BCAP submitted an accepted abstract on the CPA program to ACEEE for their 2012 Summer Study [ACEEE Summer Study](#) . The paper will seek to draw important conclusions from this large body of work which cannot be completely captured in this final report. This would include:

- An assessment of commonalities and differences in these 18 states that create or hinder a successful infrastructure for code compliance
- Essential elements for any state's energy code strategic compliance planning, including current best practices from around the nation
- Lessons-learned with regards to political and/or other barriers in these states

Challenges that states face in implementing their strategic compliance plans  
 The role of a State Energy Code Compliance Collaborative in a successful compliance strategy  
 A discussion of needed resources and policies both at the state and federal levels to facilitate 90% compliance to the energy code  
 An evaluation of the program’s methodology and effectiveness.

BCAP will share this white paper’s findings with DOE.

***Has there been any performance outcome data collected: (if applicable)***

From the launch of the CPA featured section on OCEAN on October 4, 2010 to February 24, 2012, the landing page had 1,188 visits from 771 unique visitors. 373 of those visits, good for 31.40% of all visits to this page, came in the roughly three months since the project closed on November 30, 2011. The other CPA pages had 373 visits since October 4, 2010, 268 of which have come since the close of the project (71.85%). These strong numbers since November 30, 2011—particularly when considering the holiday season—indicate that interest in the results of the CPA Program is high.

Moreover, the individual CPA state pages received an additional 749 visits since October 4, 2010, with Texas (108), Colorado (66), Michigan (58), Illinois (53), and Delaware and Arkansas (46 each) being the most popular. The actual Gap Analysis Reports saw 1,205 visits, while the Strategic Compliance Plans have already received almost 275 since they were posted in late November.

Total visits for the CPA featured section numbered 3,529, or, put differently, about 210 per month.

Of the visits to the CPA landing page, 24.17% came from direct outside traffic and 75.83% came from pages on OCEAN: the homepage (26.35%), the implementation status map (9.77%), and the Strategic Compliance Plan Overview page (2.01%) have been the most popular. Of the visitors that navigate to the CPA page, 22.81% exit from the page, and 77.19% go other pages: the homepage (14.74%), the implementation status map (8.34%), and CPA Texas page (5.71%) are the most popular.

Of the unique visitors to the CPA page, 709 (92.00%) were from the United States. The District of Columbia was the source of the most U.S. visitors with 97 (13.68%), followed by Illinois (54, 7.62%), Ohio (46, 6.49%), Texas (43, 6.06%), New York (40, 5.64%), and Massachusetts (35, 4.94%).

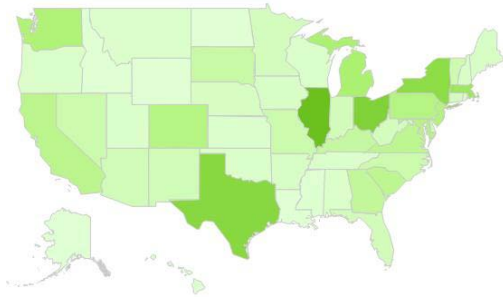


Visits by week, Oct 4, 2010 – Feb 24, 2012

|                                |                            |
|--------------------------------|----------------------------|
|                                | Oct 4, 2010 – Feb 24, 2012 |
| <b>Visits to all CPA pages</b> | <b>3,529 (210/month)</b>   |
| Visits to CPA landing page     | 1,188                      |

|  |                                   |
|--|-----------------------------------|
| Visits to CPA landing page since Nov 30, 2011 (% of total) | 373 (31.40%)                      |
| Unique Visitors to CPA landing page(% of total)            | 771 (64.90%)                      |
| Bounce Rate  | 46. 57%                           |
| #1 Popular Entrance Page (% of total)                      | OCEAN Homepage (26.35%)           |
| #2 Popular Entrance Page (% of total)                      | Direct (24.17%)                   |
| #3 Popular Entrance Page (% of total)                      | Implementation Status Map (9.77%) |
| #1 Popular Exit Page (% of total)                          | Homepage (14.74%)                 |
| #2 Popular Exit Page (% of total)                          | Implementation Status Map (8.34%) |
| #3 Popular Exit Page (% of total)                          | CPA Texas Page (5.71%)            |
| Countries Providing Visits                                 | 25                                |
| Unique Visits from United States (% of total)              | 621 (91.6%)                       |
| #1 Popular State (% of total)                              | District of Columbia (11.9%)      |
| #2 Popular State (% of total)                              | Illinois (6.8%)                   |
| #3 Popular State (% of total)                              | Ohio (6.6%)                       |
|  |                                   |

Visits by state, Oct 1, 2011 – Feb 24, 2012



As part of the CPA project closeout, BCAP distributed a survey to recipients of this DOE service. BCAP circulated a program evaluation “survey monkey” to evaluate the perspectives of each state’s experience on the effectiveness of the CPA program. The feedback, printed with permission from the state, can be found here and includes the following:

*“It is immeasurably beneficial to have such a focused and expert third party identify barriers and document the larger picture. It will certainly support our efforts. BCAP made the process easy. Having draft reports to review rather than asking the state to create a narrative allowed for streamlined input. It also helped that the report was clear, concise and well-written.”*

*West Virginia Department of Commerce, Division of Energy*

*“This report is valuable/very valuable to us in a number of ways. You were able to synthesize some recommendations into easier to envision steps for us to improve energy code compliance. You validated many ideas and visions that our inner core of energy code folks have discussed, giving these ideas additional credibility to make our case in the future. And perhaps most importantly, you listened and understood the challenges that we face and worked with us to find appropriate solutions for our environment, not cookie-cutter solutions that might work elsewhere.”*

*New Hampshire Office of Energy and Planning*

*“The plan is quite valuable as it provides us with BCAP’s expert recommendations resulting from a compilation of years of knowledge from a staff focused on advancing energy codes. For those of us wearing many hats, the evolution to compliance probably would not happen without this type of guidance. I was very impressed with the analysis rendered from the process. It is often difficult to get responses needed. BCAP’s dedication in securing information and compiling the entire picture is to be commended.”*

*South Carolina Energy Office*

*“BCAP staff always conducted themselves professionally and were very pleasant to work with! If they didn’t have the answers, they did the research and always provided a timely response... very competent and knowledgeable. Thank you for the support!”*

*Nevada State Office of Energy*

The popularity and positive reception of the CPA program clearly indicates the success of this program, and underscores how states understand their obligations to move toward 90% compliance by 2017, but need help in doing so.

***Are there issues that need DOE or BECP technical assistance?***

no

*If so, please explain what areas of the project assistance are needed.*

**BUDGET**

SEE FORM SF425

**OTHER ACTIVITIES**

Activities BCAP undertakes outside the scope of this agreement that might be of interest to the BECP.

We have received interest from a few states for the CPA Program. We are hoping to secure additional DOE funding to continue this important work. In Pennsylvania we are securing state funds to perform a Gap Analysis.

*Cosimina Panetti*

Project Director

*518-357-0602*

Phone #



**Signature**

*February 28, 2012*

Date Report Submitted



## DISCLAIMER

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, makes any warranty, express or implied; or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.