

U.S. Department of Energy
**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)
PROGRAM PERFORMANCE REPORT**

Grant Number: SC0002224

Grantee: City of Bellingham

Activity: Municipal Facility Energy Conservation Program

Quarter: 10/01/2009 - 12/31/2009

Status: Active

Metric Activity: Building Retrofits

% of Work Complete: 0

Activity Description:

The purpose of the Municipal Facility Energy Conservation (MFEC) Project is to increase energy efficiency in municipal facilities. A total of \$69,100 of EECBG funds will provide the City with the necessary resources to employ an energy conservation coordinator who will identify, prioritize and oversee implementation of energy efficiency projects within municipal facilities. An additional \$170,000 in EECBG funds will be used to implement/construct priority retrofit projects. The coordinator position will be focused on energy conservation measures at approximately .4 FTE for fiscal years 2010 and 2011. This position will assist the City in completing a comprehensive Energy Conservation Strategy (ECS) for municipal facilities. The ECS addresses individual facilities energy consumption from a comprehensive perspective and creates a road map to prioritize funding for energy efficiency projects. The ECS identifies and prioritizes facilities and action items in accordance with energy conservation goals and fossil fuel emission reduction targets established in the City of Bellingham's Climate Action Plan (CAP). EECBG funds will be used to construct and/or implement prioritized retrofit projects as outlined in the ECS. These projects will commence as early as the 2nd Quarter of 2010 and be completed by the 1st Quarter of 2011 and will be managed by the coordinator. The City anticipates the following types of energy efficiency projects: Removal and replacement of existing Heating, Ventilation and Cooling (HVAC) equipment and associated control systems; Normal maintenance and repair associated with proper thermal sealing of the building envelope (windows, roof, insulation); Modifications to the existing HVAC systems to increase energy efficiency; and Installation, replacement and potential rewiring of energy efficient lighting, etc. Utilizing non-EECBG funding sources, the coordinator will manage implementation of additional capital, operational and/or behavioral measures which will further reduce energy consumption within our facilities. The City will monitor and track energy conservation (energy savings, CO2 reductions) from Phase I of the MFEC Project by updating billing information in the Utility Manager Pro program.

Key Dates:

DESCRIPTION	START DATE	COMPLETION DATE
Activity Planned	01/01/2010	12/31/2011
Activity Actual	01/01/2010	

MILESTONES

Activity Milestone Status:

MILESTONE	PLANNED AMOUNT	TOTALS TO DATE	% OF PLAN	PLANNED START	ACTUAL START	ACTUAL COMPLETION	STATUS	10/01/2009-12/31/2009			
Complete Energy Conservation Strategy.	10,888	0	0%	01/01/2010				0			
Define and bid capital projects.	10,888	0	0%	04/01/2010				0			
2010 Retrofits Complete	202,664	0	0%	07/01/2010				0			

U.S. Department of Energy
**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)
PROGRAM PERFORMANCE REPORT**

Grant Number: SC0002224

Grantee: City of Bellingham

Activity: Municipal Facility Energy Conservation Program - continued -

Quarter: 10/01/2009 - 12/31/2009

Status: Active

Metric Activity: Building Retrofits

% of Work Complete: 0

MILESTONES

Activity Milestone Status:

MILESTONE	PLANNED AMOUNT	TOTALS TO DATE	% OF PLAN	PLANNED START	ACTUAL START	ACTUAL COMPLETION	STATUS	10/01/2009-12/31/2009			
2011 retrofits completed (admin. only)	32,664	0	0%	04/01/2011				0			

METRICS

Required Metrics

JOB METRICS	PLANNED	%	TOTALS TO DATE	10/01/2009-12/31/2009			
Jobs Created	2.8000	0%	0.0000	0.0000			
Jobs created through Recovery Act funds			0.0000	0.0000			

METRIC ACTIVITY	METRICS	UNIT	TOTALS TO DATE	10/01/2009-12/31/2009			
Emissions Reductions							
Greenhouse gases reduced	Greenhouse gases reduced	Co2 Equivalents Per Year	0.0000	0.0000			
Energy Cost Savings							
Dollars Saved	Dollars Saved	Dollars	0.00	0.00			
Energy Savings							
Reduction in electricity consumption, by sector	Reduction in electricity consumption (Sectors : Public)	Megawatt-Hours Per Year	0.0000	0.0000			
Reduction in natural gas consumption, by sector	Reduction in natural gas consumption (Sectors : Public)	Million Cubic Feet Per Year	0.0000	0.0000			

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Grant Number: SC0002224

Grantee: City of Bellingham

Activity: Municipal Facility Energy Conservation Program - continued -

Quarter: 10/01/2009 - 12/31/2009

Status: Active

Metric Activity: Building Retrofits

% of Work Complete: 0

METRIC ACTIVITY	METRICS	UNIT	TOTALS TO DATE	10/01/2009- 12/31/2009			
Building Retrofits							
Buildings retrofitted, by sector	Buildings retrofitted (Sectors : Public)	Count	0	0			
	Square footage retrofitted (Sectors : Public)	Squarefeet	0	0			

User Specified Metrics (Optional)

METRIC ACTIVITY	METRICS	UNIT	TOTALS TO DATE	10/01/2009- 12/31/2009			
Building Energy Audits							
Building energy audits, by sector	Audits performed (Sectors : Public)	Count	0	0			
	Floor space audited (Sectors : Public)	Squarefeet	0	0			
	Auditor's projection of energy savings (Sectors : Public)	Kilowatt-Hours	0	0			

QUALITATIVE DESCRIPTIONS

Reporting Period: 10/01/2009- 12/31/2009

Are you following the Plan? If not, describe the change in approach, and reasons for the change.
Yes.
What we expect to accomplish during the next period
Hire an energy conservation coordinator to identify, prioritize and oversee implementation of energy efficiency projects.
Lessons Learned
N/A
Major Activities, Significant Results, Major Findings, and Key Outcomes

U.S. Department of Energy
**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)
PROGRAM PERFORMANCE REPORT**

Grant Number: SC0002224

Grantee: City of Bellingham

Activity: Municipal Facility Energy Conservation Program - continued -

Metric Activity: Building Retrofits

Quarter: 10/01/2009 - 12/31/2009

% of Work Complete: 0

Status: Active

Reporting Period: 10/01/2009- 12/31/2009

The City of Bellingham has selected Johnson Controls as the pre-approved Energy Service Company (ESCO) to perform energy audits and implement priority efficiency projects within Bellingham's municipal facilities. Johnson Controls has completed a preliminary energy audit of City-wide municipal facilities and infrastructure and submitted a proposed scope of work for an investment grade audit (IGA) to quantify potential energy savings for individual efficiency projects. City staff may utilize the proposed IGA scope of work submitted by Johnson Controls or the completed IGA to determine which priority projects will be funded by the EECBG. This activity was all conducted without the use of EECBG funds.

What we planned to accomplish this period

None.

Actual or Anticipated Problems or Delays and Corrective Action Plan

None.

Products Produced or Technology Transfer Activities Accomplished During the Reporting Period

N/A

Remarks

N/A

APPROVALS**Reporting Period:** 10/01/2009- 12/31/2009

APPROVER NAME	EMAIL ADDRESS	PHONE	STATUS	STATUS DATE
Martha Kass	kassmj@ornl.gov	(865) 576-0717	Approved	03/28/2010
Caroline Flickinger	cflickinger@cob.org	(360) 778-8387	Submitted	02/26/2010

U.S. Department of Energy
**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)
PROGRAM PERFORMANCE REPORT**

Grant Number: SC0002224

Grantee: City of Bellingham

Activity: Green Code Adoption

Quarter: 10/01/2009 - 12/31/2009

Status: Replaced

Metric Activity: Building Codes and Standards

% of Work Complete: 0

Activity Description:

The International Code Council (ICC) recently issued a National Green Building Standard (ICC-700) for residential construction. This code includes provisions for smaller, more energy-efficient homes with regulations that are consistent with the other I-codes that are currently in use by the City of Bellingham. The City is proposing to utilize EECBG funds to conduct a review and analysis of this code and adopt it locally through a legislative process. The Project Manager will analyze the Green Code for local conditions and work with the existing Green Permit Review team and the City's Legal Department staff to make recommendations on which aspects and attachments to the Green Code are appropriate for the City of Bellingham. This review and analysis will be completed by the 2nd Quarter of 2010. Once the final analysis is complete, the Project Manager will take the proposed code amendments through the legislative process to be adopted by City Council by the 3rd Quarter of 2010. Once the new Green Building Code is adopted, the Project Manager and Green Team will prepare advertising materials to inform the public of the newly standardized method for reviewing advanced energy saving technology. This will ensure that the public is aware of and comfortable with the new codes and encouraged to utilize them in their residential building projects. Advertising materials may include: - Public service announcement on television - Posting on City's website - Press release - Summary handouts and posters in the City's Permit Center Communication materials will be distributed by the 4th Quarter of 2010. This building code update will have a long-lasting impact on local energy savings by facilitating the implementation of more efficient technology in residential building design. Adopting a nationally-recognized standard that is consistent with the City's other codes will provide predictability for builders and contractors who wish to utilize advanced energy-saving technology but may be uncertain of how this will lengthen their permit review time (or whether this technology would even be permitted). Once the Green Code has been adopted, the City will continue to review and maintain the necessary updates to keep the code current, and will explore the adoption of the ICC Commercial Green Building Standard when it becomes available.

Key Dates:

DESCRIPTION	START DATE	COMPLETION DATE
Activity Planned	04/01/2010	12/31/2010
Activity Actual	01/01/2010	

MILESTONES

Activity Milestone Status:

MILESTONE	PLANNED AMOUNT	TOTALS TO DATE	% OF PLAN	PLANNED START	ACTUAL START	ACTUAL COMPLETION	STATUS	10/01/2009-12/31/2009			
Review Green Code	7,666	0	0%	04/01/2010				0			
City Council action	7,666	0	0%	07/01/2010				0			
Communication materials published	7,666	0	0%	10/01/2010				0			

METRICS

U.S. Department of Energy
**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)
PROGRAM PERFORMANCE REPORT**

Grant Number: SC0002224

Grantee: City of Bellingham

Activity: Green Code Adoption - continued -

Quarter: 10/01/2009 - 12/31/2009

Status: Replaced

Metric Activity: Building Codes and Standards

% of Work Complete: 0

Required Metrics

JOB METRICS	PLANNED	%	TOTALS TO DATE	10/01/2009- 12/31/2009			
Jobs Created	0.3000	0%	0.0000	0.0000			
Jobs created through Recovery Act funds			0.0000	0.0000			

METRIC ACTIVITY	METRICS	UNIT	TOTALS TO DATE	10/01/2009- 12/31/2009			
Emissions Reductions							
Greenhouse gases reduced	Greenhouse gases reduced	Co2 Equivalents Per Year	0.0000	0.0000			
Energy Cost Savings							
Dollars Saved	Dollars Saved	Dollars	0.00	0.00			
Energy Savings							
Reduction in electricity consumption, by sector	Reduction in electricity consumption (Sectors : All sectors)	Megawatt-Hours Per Year	0.0000	0.0000			
Reduction in natural gas consumption, by sector	Reduction in natural gas consumption (Sectors : All sectors)	Million Cubic Feet Per Year	0.0000	0.0000			

User Specified Metrics (Optional)

METRIC ACTIVITY	METRICS	UNIT	TOTALS TO DATE	10/01/2009- 12/31/2009			
Other							
Other	Value (Other :)	Count	0.0000	0.0000			
Technical Assistance							

U.S. Department of Energy
**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)
 PROGRAM PERFORMANCE REPORT**

Grant Number: SC0002224

Grantee: City of Bellingham

Activity: Green Code Adoption - continued -

Quarter: 10/01/2009 - 12/31/2009

Status: Replaced

Metric Activity: Building Codes and Standards

% of Work Complete: 0

User Specified Metrics (Optional)

METRIC ACTIVITY	METRICS	UNIT	TOTALS TO DATE	10/01/2009-12/31/2009			
Technical Assistance							
Information contacts (e.g., webinars, site visits, media, fact sheet) in which energy efficiency or renewable energy measures were recommended, by sector	Number of contacts (Sectors : Public)	Count	0	0			
Workshops, Training, and Education							
Workshops, training, and education sessions, by sector	Number of workshops, training, and education sessions held (Sectors : Public)	Count	0	0			
	Number of people attending (Sectors : Public)	Count	0	0			

QUALITATIVE DESCRIPTIONS

Reporting Period: 10/01/2009- 12/31/2009

Are you following the Plan? If not, describe the change in approach, and reasons for the change.
Yes.
What we expect to accomplish during the next period
We expect to submit a revised scope of work for this project activity during the next reporting period.
Lessons Learned
None.
Major Activities, Significant Results, Major Findings, and Key Outcomes
The City staff project team is finalizing the project scope of work and will commence activity during the 1st quarter of 2010.
What we planned to accomplish this period
None.
Actual or Anticipated Problems or Delays and Corrective Action Plan

U.S. Department of Energy
**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)
PROGRAM PERFORMANCE REPORT**

Grant Number: SC0002224

Grantee: City of Bellingham

Activity: Green Code Adoption - continued -

Quarter: 10/01/2009 - 12/31/2009

Status: Replaced

Metric Activity: Building Codes and Standards

% of Work Complete: 0

Reporting Period: 10/01/2009- 12/31/2009

The scope of work proposed under the Project Activity Sheet for Green Code adoption has been determined inadequate by City Staff. The ICC-700 is a rating system, not a code. Staff is planning to shift the scope of work away from the ICC-700 to achieve more defined improvements to our existing building code and incentives for green building, and will submit this request to the assigned Project Officer for review and approval.

Products Produced or Technology Transfer Activities Accomplished During the Reporting Period

None.

Remarks

None.

APPROVALS**Reporting Period:** 10/01/2009- 12/31/2009

APPROVER NAME	EMAIL ADDRESS	PHONE	STATUS	STATUS DATE
Martha Kass	kassmj@ornl.gov	(865) 576-0717	Approved	03/28/2010
Caroline Flickinger	cflickinger@cob.org	(360) 778-8387	Submitted	02/26/2010

U.S. Department of Energy
**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)
PROGRAM PERFORMANCE REPORT**

Grant Number: SC0002224

Grantee: City of Bellingham

Activity: Energy Efficiency Community Challenge

Quarter: 10/01/2009 - 12/31/2009

Status: Active

Metric Activity: Loans and Grants

% of Work Complete: 0

Activity Description:

The Energy Efficiency Community Challenge (Program) will target comprehensive, deep energy efficiency retrofits for both commercial and residential facilities. The Program will accomplish this by providing financing, technical assistance, a qualified workforce, and by raising public awareness of opportunities to conserve energy through community-based social marketing. The Program will provide a suite of services to participants including audits, access to qualified and pre-screened contractors, attractive and affordable financing, utility rebates, tax incentives, project monitoring and evaluation. The City will contribute \$50K in EECBG funds to develop the Program and \$250K in EECBG funds to establish a financing mechanism. Beyond the City's contribution, the Program involves the contribution of multiple community partners including the County, the City of Bellingham, local financial institutions (TBD), utilities (Puget Sound Energy & Cascade Natural Gas), the community action agency (Opportunity Council), energy efficiency contractors, (including the Building Performance Center), Bellingham Technical College, and the non-profit (Sustainable Connections). The utilities are contributing audits, energy efficiency (EE) incentives and a Resource Conservation Manager to serve the commercial sector. The Opportunity Council will expand its low-income weatherization retrofit program to provide similar services to the entire residential sector. The Building Performance Center and Technical College have a long and established history of workforce training and will partner to offer a new weatherization certification program. All partners will contribute their marketing capabilities. We propose to take an innovative approach to this Program by developing a financing mechanism that will support and leverage commercial lending. The City will contribute \$250K, matched by \$250K from the County, to a loan loss reserve fund (LRF) that supports partner financial institutions (FIs) to make EE project loans with their own resources. The LRF will enable the FI to offer longer terms, lower interest rates and broader access to finance. With \$500K of EECBG (City and Whatcom County) funds we expect the FIs to be able to lend up to \$5 million, an indirect leverage ratio of 10 to 1. The LRF will support the whole EE loan portfolio and is sized at a margin higher than the portfolio's estimated loan losses. The EECBG funds are initially placed in a deposit account. As the FI makes the loans, EECBG funds will be transferred from this deposit account to the loan loss reserve account where they are available for the FI to draw on to pay loan losses. At the time of transfer, the EECBG funds will be considered spent, as they will be tied directly to loans that support identifiable, measurable EE projects. Subsequently, if actual loan losses are less than the reserve amount, these funds will be available to support new lending as the first loans are repaid. The LRF will be managed, and loan facilities offered, by FI partners, to be selected through a request for proposal (RFP) process. The final terms of this financing mechanism will be finalized at that time. Several FIs have expressed interest to respond to the RFP (see letters of interest) to be issued in July. This financing mechanism is not a loan guarantee; it uses the EECBG funds to mobilize commercial lending by sharing risk with the partner FIs, but it does not eliminate risk for the lender. There is no guarantor in this mechanism. The liability of the City and County is limited to the EECBG funding provided only. The FIs are at risk for the repayment of all loan amounts in the EE loan portfolio in excess of the extra loan loss reserves provided. Therefore, prudent lending origination and administration will be maintained. The reserve account must stay in place until the loan portfolio is retired at which point any remaining funds will be designated to support further EE lending. The City and its partners will be monitoring the success of the loan portfolio carefully. Two additional uses of funds may be engaged if at the time of our review it is deemed necessary to further stimulate the community's interest and ability to invest in EE. These uses are: interest rate buy downs and direct grants to customers to support deeper conservation measures.

Key Dates:

DESCRIPTION	START DATE	COMPLETION DATE
Activity Planned	10/01/2009	12/31/2012
Activity Actual	10/01/2009	

U.S. Department of Energy
**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)
 PROGRAM PERFORMANCE REPORT**

Grant Number: SC0002224

Grantee: City of Bellingham

Activity: Energy Efficiency Community Challenge - continued -

Quarter: 10/01/2009 - 12/31/2009

Status: Active

Metric Activity: Loans and Grants

% of Work Complete: 0

MILESTONES

Activity Milestone Status:

MILESTONE	PLANNED AMOUNT	TOTALS TO DATE	% OF PLAN	PLANNED START	ACTUAL START	ACTUAL COMPLETION	STATUS	10/01/2009-12/31/2009			
Create loan loss reserve and launch program.	250,000	0	0%	10/01/2009				0			
Complete retrofits that will use EECBG funds.	87,000	0	0%	01/01/2010				0			

METRICS

Required Metrics

JOB METRICS	PLANNED	%	TOTALS TO DATE	10/01/2009-12/31/2009			
Jobs Created	35.0000	0%	0.0000	0.0000			
Jobs created through Recovery Act funds			0.0000	0.0000			

METRIC ACTIVITY	METRICS	UNIT	TOTALS TO DATE	10/01/2009-12/31/2009			
Energy Cost Savings							
Dollars Saved	Dollars Saved	Dollars	0.00	0.00			
Energy Savings							
Reduction in electricity consumption, by sector	Reduction in electricity consumption (Sectors : Commercial)	Megawatt-Hours Per Year	0.0000	0.0000			
	Reduction in electricity consumption (Sectors : Residential)	Megawatt-Hours Per Year	0.0000	0.0000			

U.S. Department of Energy
**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)
PROGRAM PERFORMANCE REPORT**

Grant Number: SC0002224

Grantee: City of Bellingham

Activity: Energy Efficiency Community Challenge - continued -

Quarter: 10/01/2009 - 12/31/2009

Status: Active

Metric Activity: Loans and Grants

% of Work Complete: 0

METRIC ACTIVITY	METRICS	UNIT	TOTALS TO DATE	10/01/2009- 12/31/2009			
Energy Savings							
Reduction in electricity demand, by sector	Reduction in electricity demand (Sectors : Residential)	Megawatts Per Year	0.0000	0.0000			
	Reduction in electricity demand (Sectors : Commercial)	Megawatts Per Year	0.0000	0.0000			
Reduction in natural gas consumption, by sector	Reduction in natural gas consumption (Sectors : Commercial)	Million Cubic Feet Per Year	0.0000	0.0000			
	Reduction in natural gas consumption (Sectors : Residential)	Million Cubic Feet Per Year	0.0000	0.0000			

METRIC ACTIVITY	METRICS	UNIT	TOTALS TO DATE	10/01/2009- 12/31/2009			
Loans and Grants							
Loans given	Number of loans	Count	0	0			
	Total monetary value of loans	Dollars	0.00	0.00			

User Specified Metrics (Optional)

METRIC ACTIVITY	METRICS	UNIT	TOTALS TO DATE	10/01/2009- 12/31/2009			
Building Energy Audits							
Building energy audits, by sector	Audits performed (Sectors : Commercial)	Count	0	0			
	Floor space audited (Sectors : Commercial)	Squarefeet	0	0			

U.S. Department of Energy
**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)
 PROGRAM PERFORMANCE REPORT**

Grant Number: SC0002224

Grantee: City of Bellingham

Activity: Energy Efficiency Community Challenge - continued -
 Quarter: 10/01/2009 - 12/31/2009
 Status: Active

Metric Activity: Loans and Grants
 % of Work Complete: 0

User Specified Metrics (Optional)

METRIC ACTIVITY	METRICS	UNIT	TOTALS TO DATE	10/01/2009-12/31/2009			
Building Energy Audits							
	Auditor's projection of energy savings (Sectors : Commercial)	Kilowatt-Hours	0	0			
	Audits performed (Sectors : Residential)	Count	0	0			
	Floor space audited (Sectors : Residential)	Squarefeet	0	0			
	Auditor's projection of energy savings (Sectors : Residential)	Kilowatt-Hours	0	0			
Building Retrofits							
Buildings retrofitted, by sector	Buildings retrofitted (Sectors : Residential)	Count	0	0			
	Square footage retrofitted (Sectors : Residential)	Squarefeet	0	0			
	Buildings retrofitted (Sectors : Commercial)	Count	0	0			
	Square footage retrofitted (Sectors : Commercial)	Squarefeet	0	0			

QUALITATIVE DESCRIPTIONS

Reporting Period: 10/01/2009- 12/31/2009

Are you following the Plan? If not, describe the change in approach, and reasons for the change.
Yes.
What we expect to accomplish during the next period
Next period, we intend to finalized the contract with the selected financial institution to establish the loan loss reserve program and launch the program.
Lessons Learned

U.S. Department of Energy
**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)
PROGRAM PERFORMANCE REPORT**

Grant Number: SC0002224

Grantee: City of Bellingham

Activity: Energy Efficiency Community Challenge - continued -

Quarter: 10/01/2009 - 12/31/2009

Status: Active

Metric Activity: Loans and Grants

% of Work Complete: 0

Reporting Period: 10/01/2009- 12/31/2009

None.

Major Activities, Significant Results, Major Findings, and Key Outcomes

Utilizing non-EECBG funds, the City issued a Request for Proposals for financial institutions to administer the loan loss reserve and revolving loan fund component of the Energy Challenge. The City initiated negotiations with the selected financial institution, which will carry into 2010.

Additionally, the City and its project partners have applied for several grants, including a Climate Showcase Communities grant from the EPA, a State Energy Program grant through the State of Washington, and Small Cities Grant that could potentially provide additional program funding.

What we planned to accomplish this period

Establish the loan loss reserve and launch the program.

Actual or Anticipated Problems or Delays and Corrective Action Plan

The establishment of the loan loss reserve and delay in the launch of the program has been caused due to the need to confirm how a loan loss reserve program must be structured under this program.

Products Produced or Technology Transfer Activities Accomplished During the Reporting Period

N/A.

Remarks

None.

APPROVALS**Reporting Period:** 10/01/2009- 12/31/2009

APPROVER NAME	EMAIL ADDRESS	PHONE	STATUS	STATUS DATE
Martha Kass	kassmj@ornl.gov	(865) 576-0717	Approved	03/28/2010
Caroline Flickinger	cflickinger@cob.org	(360) 778-8387	Submitted	02/26/2010

U.S. Department of Energy
**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)
 PROGRAM PERFORMANCE REPORT**

Grant Number: SC0002224

Grantee: City of Bellingham

Activity: Energy Efficient Land Use Planning

Metric Activity: Transportation

Quarter: 10/01/2009 - 12/31/2009

% of Work Complete: 0

Status: Replaced

Activity Description:

One of the primary strategies in the City's Climate Action Plan for reducing the community's carbon output is to reduce total automobile trips. One key method of accomplishing this goal is reflected in the eligible activities of the EECBG program: Implement zoning guidelines or requirements that promote energy efficient development. The City will utilize the EECBG funds to adopt urban village plan(s) during the funding period. Urban villages are compact developments that provide opportunities for living, working, and recreation in close proximity in a high-density housing environment. These areas should be served by mass transit, ample sidewalks, bike lanes and trail connections to other parts of the city to encourage travel by foot, bicycle or bus instead of by automobile. This type of development promotes more efficient use of land that is already serviced by existing infrastructure, reducing the need for additional services outside of the City limits and protecting forested and agricultural land. Development of these urban villages is the primary Comprehensive Plan strategy for managing anticipated population growth within the City of Bellingham. LEED-ND criteria (drafted by the U.S. Green Building Council) will be used to measure whether the proposed urban village(s) achieve the intended energy efficiency and sustainability goals. The LEED-ND rating system includes categories such as "Smart Location and Linkage", "Neighborhood Pattern and Design", and "Green Construction and Technology" and desirable measurements for elements such as street grid density, pedestrian connectivity, units per acre, proximity to schools and transit stops, use of low-impact development techniques, etc. Utilizing this criteria will ensure that the urban villages are created as envisioned for maximum transportation and land use efficiency. A reduction in GHG emissions resulting from this activity is estimated at approximately half a metric ton (.53 metric tons of GHG) per person residing in each urban village. This is based on 21.4 daily vehicle miles traveled per person in the City of Bellingham (and surrounding UGA), with an average of 20 miles per gallon, and an assumption of 20% reduction in trips for urban village development. (Conversion from gallons of gas to GHG emissions was provided by the EPA). Projections on number of people who will reside in an urban village cannot be undertaken until the public process and planning activities are underway. Milestones for adoption of urban village plan(s) will be as follows: 1) Projects defined by the 1st Quarter of 2010 (One location already defined) 2) Public process completed by the 1st Quarter of 2011 3) Legislative process and adoption of master plans and implementing regulations by the 4th Quarter of 2011. City staff will work with numerous stakeholders, including the Whatcom Transportation Authority, which has committed to leverage EECBG dollars by contributing their staff time towards the transit service aspect of these projects.

Key Dates:

DESCRIPTION	START DATE	COMPLETION DATE
Activity Planned	01/01/2010	12/31/2011
Activity Actual	01/01/2010	

MILESTONES

Activity Milestone Status:

MILESTONE	PLANNED AMOUNT	TOTALS TO DATE	% OF PLAN	PLANNED START	ACTUAL START	ACTUAL COMPLETION	STATUS	10/01/2009-12/31/2009			
Define project areas.	20,375	0	0%	01/01/2010				0			

U.S. Department of Energy
**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)
PROGRAM PERFORMANCE REPORT**

Grant Number: SC0002224

Grantee: City of Bellingham

Activity: Energy Efficient Land Use Planning - continued -

Quarter: 10/01/2009 - 12/31/2009

Status: Replaced

Metric Activity: Transportation

% of Work Complete: 0

MILESTONES

Activity Milestone Status:

MILESTONE	PLANNED AMOUNT	TOTALS TO DATE	% OF PLAN	PLANNED START	ACTUAL START	ACTUAL COMPLETION	STATUS	10/01/2009-12/31/2009			
Complete public process	81,500	0	0%	04/01/2010				0			
City Council adoption	61,125	0	0%	04/01/2011				0			

METRICS

Required Metrics

JOB METRICS	PLANNED	%	TOTALS TO DATE	10/01/2009-12/31/2009			
Jobs Created	1.8000	0%	0.0000	0.0000			
Jobs created through Non-Federal funds			0.0000	0.0000			

METRIC ACTIVITY	METRICS	UNIT	TOTALS TO DATE	10/01/2009-12/31/2009			
Emissions Reductions							
Greenhouse gases reduced	Greenhouse gases reduced	Co2 Equivalents Per Year	0.0000	0.0000			
Energy Cost Savings							
Dollars Saved	Dollars Saved	Dollars	0.00	0.00			
Energy Savings							
Reduction in gasoline consumption, by sector	Reduction in gasoline and diesel fuel consumption (Sectors : Transportation)	Gallons Per Year	0.0000	0.0000			

U.S. Department of Energy
**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)
PROGRAM PERFORMANCE REPORT**

Grant Number: SC0002224

Grantee: City of Bellingham

Activity: Energy Efficient Land Use Planning - continued -

Quarter: 10/01/2009 - 12/31/2009

Status: Replaced

Metric Activity: Transportation

% of Work Complete: 0

User Specified Metrics (Optional)

METRIC ACTIVITY	METRICS	UNIT	TOTALS TO DATE	10/01/2009- 12/31/2009			
Clean Energy Policy							
Other policies developed or improved	Policies developed	Count	0	0			
	Policies improved	Count	0	0			

QUALITATIVE DESCRIPTIONS

Reporting Period: 10/01/2009- 12/31/2009

Are you following the Plan? If not, describe the change in approach, and reasons for the change.
Yes.
What we expect to accomplish during the next period
Preliminary concepts and draft regulations for the Fountain District Urban Village will be presented to the public. During the next reporting period, we also intend to define the other urban village plans that will be executed using EECBG funds.
Lessons Learned
None.
Major Activities, Significant Results, Major Findings, and Key Outcomes
City planners reviewed the draft urban village redevelopment concepts that were generated during the public workshops for the Fountain District and began analyzing their feasibility. This was done using non-EECBG funds.
What we planned to accomplish this period
None.
Actual or Anticipated Problems or Delays and Corrective Action Plan
None.
Products Produced or Technology Transfer Activities Accomplished During the Reporting Period
None.
Remarks
None.

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APPROVALS

Reporting Period: 10/01/2009- 12/31/2009				
APPROVER NAME	EMAIL ADDRESS	PHONE	STATUS	STATUS DATE
Martha Kass	kassmj@ornl.gov	(865) 576-0717	Approved	03/28/2010
Caroline Flickinger	cflickinger@cob.org	(360) 778-8387	Submitted	02/26/2010