U.S. Department of Energy

ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG) QUARTERLY PERFORMANCE REPORT

Grant Number: EE0000786 Grantee Name: Lake, County of

Reporting Period: 07/01/2011 - 09/30/2011 Report Status: Approved Grant Complete and ready for Close out: ☐

Activity Title: Energy Efficiency & Conservation Strategy (1.0)

Activity: 1. Energy Efficiency and Conservation Strategy

Activity Status:	Completed	% of Work Complete:	100
Planned Start Date:	07/27/2009	Planned End Date:	11/22/2009
Actual Start Date:	07/27/2009	Actual End Date:	05/18/2010
Proposed Activity Budget:	$92,790.00	Planned Outlays For this Period:	$0.00

Description:

Lake County intends to retain a consultant to prepare the EECS.

ACTIVITY MILESTONES

Planned Start	Planned Completion	Planned Amount	Actual Start	Actual Completion	Previously Reported	Actual Amount This Qtr	Actual Amount Cumulative To Date	Status

REQUIRED METRICS

Financial Metrics

Use Of Funds	Previously Reported	This Quarter Outlays	Total Cumulative To Date
EECBG Activity Outlays			
Recipient			
Administrative	$7,530.12	$0.00	$7,530.12
Direct Activity	$5,379.77	$0.00	$5,379.77
Total:	**$12,909.89**	**$0.00**	**$12,909.89**
Sub Recipient - The Cadmus Group			
Direct Activity	$79,880.00	$0.00	$79,880.00
Total:	**$79,880.00**	**$0.00**	**$79,880.00**
Sub Recipient - The Cadmus Group (Contract#: 09-0219)			
	$0.00	$0.00	$0.00
Total:	**$0.00**	**$0.00**	**$0.00**
Total Outlays:	**$92,789.89**	**$0.00**	**$92,789.89**

Process Metrics

Metric Description	Group	Metric Item	Previously Reported	This Quarter	Cumulative To Date

U.S. Department of Energy

ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG) QUARTERLY PERFORMANCE REPORT

Grant Number: EE0000786 Grantee Name: Lake, County of

Reporting Period: 07/01/2011 - 09/30/2011 Report Status: Approved Grant Complete and ready for Close out: ☐

Activity Title: Energy Efficiency & Conservation Strategy (1.0) - continued -

Activity: 1. Energy Efficiency and Conservation Strategy

REQUIRED METRICS

Process Metrics

Metric Description	Group	Metric Item	Previously Reported	This Quarter	Cumulative To Date
Other					
Other	Other: Other (EECS)	Value (count)	1.0000		1.0000

QUALITATIVE DESCRIPTIONS

Infrastructure Investment Rationale ☐ **Is Infrastructure Investment**

What we planned to accomplish this period

Are you following the Plan? If not, describe the change in approach, and reasons for the change.

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

Actual or Anticipated Problems or Delays and Corrective Action Plan

Products Produced or Technology Transfer Activities Accomplished During the Reporting Period

Lessons Learned

What we expect to accomplish during the next period

Remarks

U.S. Department of Energy

ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG) QUARTERLY PERFORMANCE REPORT

Grant Number: EE0000786 Grantee Name: Lake, County of

Reporting Period: 07/01/2011 - 09/30/2011 Report Status: Approved Grant Complete and ready for Close out: ☐

Activity Title: Incentive Funds (2.2)

Activity: 4. Financial Incentive Program

Activity Status:	Active	% of Work Complete:	0
Planned Start Date:	01/15/2011	Planned End Date:	07/26/2012
Actual Start Date:		Actual End Date:	
Proposed Activity Budget:	$1,302,653.00	Planned Outlays For this Period:	$0.00

Description:

Lake County proposes to create a two-part financial incentive program to encourage energy efficiency upgrades and reduce energy waste: (1) a Residential and Small Commercial (RSC) incentive and (2) a County "lead by example" green building program with funds to pay for the incremental cost high-efficiency equipment and energy efficiency services. 1. The RSC rebate incentive is a program intended for residential and small commercial property owners, which will pay for up to 20% of energy efficiency retrofits up to a total of $500 per home and $1,000 per business. Retrofits may include lighting retrofits; HVAC systems, duct sealing, and building envelope retrofits, including increased insulation; plumbing or site retrofits aimed toward energy efficiency gained through water conservation; and others. In the past year, 49 homes were retrofitted. This program's goal is 650 homes per year, a twelvefold increase, and 45 businesses per year. Due to the marked increase of work in these target markets, the RSC incentive will create competition, create jobs, and reduce the per-unit cost of weatherization-related retrofits for homeowners and small business owners. The building owners will benefit from the reduced initial cost due to volume and the County incentive, plus utility rebates where available and federal tax credits. This program will leverage resources by encouraging home and business owners to invest their own money to maximize efficiency and sustainability through green building measures .2. As part of eligible activity #3, Lake County is benchmarking its facilities to identify cost-effective energy retrofits in County-owned facilities, for example the County parking facilities. The Lake County ARRA Program Manager will work with facility managers to put together a performance contract bid to improve those facilities with measures that meet County specifications. The performance contracting "plus" financial incentive will cover the incremental cost of purchasing high efficiency equipment and services that lead to efficient operation such as building commissioning, recommissioning, or retrocommissioning. These investments in efficiency may allow for LEED certification and ENERGY STAR labeling for qualifying buildings.

ACTIVITY MILESTONES

Planned Start	Planned Completion	Planned Amount	Actual Start	Actual Completion	Previously Reported	Actual Amount This Qtr	Actual Amount Cumulative To Date	Status
Use of 25% of rebate funding								
07/26/2011	10/30/2011	200,000			0		0	
Use 75% of rebate funding								
02/01/2012	04/30/2012	200,000			0		0	
Use 50% of rebate funding								
11/01/2011	01/30/2012	200,000			0		0	
Use 100% of rebate funding								
05/01/2012	07/26/2012	200,000			0		0	

U.S. Department of Energy

ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG) QUARTERLY PERFORMANCE REPORT

Grant Number: EE0000786 Grantee Name: Lake, County of

Reporting Period: 07/01/2011 - 09/30/2011 Report Status: Approved Grant Complete and ready for Close out: ☐

Activity Title: Incentive Funds (2.2) - continued -

Activity: 4. Financial Incentive Program

REQUIRED METRICS

Financial Metrics

Use Of Funds	Previously Reported	This Quarter Outlays	Total Cumulative To Date
EECBG Activity Outlays			
Recipient			
Administrative	$0.00	$0.00	$0.00
Direct Activity	$76.56	$413,519.84	$413,596.40
	Direct Staff Costs $5904.46 Rebates $406,889.80 and Operating Supplies $725.58		
Total:	**$76.56**	**$413,519.84**	**$413,596.40**
Total Outlays:	**$76.56**	**$413,519.84**	**$413,596.40**

Process Metrics

Metric Description	Group	Metric Item	Previously Reported	This Quarter	Cumulative To Date
Building Retrofits					
Buildings retrofitted, by sector	Sectors: Public;	Buildings retrofitted (count)	0	0	0
Buildings retrofitted, by sector	Sectors: Public;	Square footage retrofitted (sq.ft.)	0	0	0
Financial Incentives and Rebates					
Financial incentives provided, by incentive type and sector	Sectors: Agricultural; Incentive Types: On-Bill financing - utility/government;	Monetary value of financial incentives ($)	$0	$0	$0
Financial incentives provided, by incentive type and sector	Sectors: Agricultural; Incentive Types: On-Bill financing - utility/government;	Total value of investments incentivized ($)	$0	$0	$0
Financial incentives provided, by incentive type and sector	Sectors: Commercial; Incentive Types: Rebates;	Monetary value of financial incentives ($)	$0	$1,200	$1,200
Financial incentives provided, by incentive type and sector	Sectors: Commercial; Incentive Types: Rebates;	Total value of investments incentivized ($)	$0	$0	$0

U.S. Department of Energy

ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG) QUARTERLY PERFORMANCE REPORT

Grant Number: EE0000786 Grantee Name: Lake, County of

Reporting Period: 07/01/2011 - 09/30/2011 Report Status: Approved Grant Complete and ready for Close out: ☐

Activity Title: Incentive Funds (2.2) - continued -

Activity: 4. Financial Incentive Program

REQUIRED METRICS

Process Metrics

Metric Description	Group	Metric Item	Previously Reported	This Quarter	Cumulative To Date
Financial Incentives and Rebates					
Financial incentives provided, by incentive type and sector	Sectors: Residential; Incentive Types: Rebates;	Monetary value of financial incentives ($)	$0	$405,690	$405,690
Financial incentives provided, by incentive type and sector	Sectors: Residential; Incentive Types: Rebates;	Total value of investments incentivized ($)	$0	$0	$0

QUALITATIVE DESCRIPTIONS

Infrastructure Investment Rationale ☐ **Is Infrastructure Investment**

What we planned to accomplish this period

Process Go Green Get Green Rebates.Purchase occupancy sensors for central administration building

Are you following the Plan? If not, describe the change in approach, and reasons for the change.

Yes

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

Go Green Get Green was wildly successful. Due to diminishing funding we stopped accepting applications in just under 12 weeks of the program launch.

Actual or Anticipated Problems or Delays and Corrective Action Plan

Products Produced or Technology Transfer Activities Accomplished During the Reporting Period

Lessons Learned

What we expect to accomplish during the next period

Consider allocating additional funding to Go Green Get Green or modified rebate program.Finalize approach to energy efficiency upgrades on County facilities.

U.S. Department of Energy

ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)
QUARTERLY PERFORMANCE REPORT

Grant Number: EE0000786 Grantee Name: Lake, County of
Reporting Period: 07/01/2011 - 09/30/2011 Report Status: Approved Grant Complete and ready for Close out: ☐

Activity Title: Incentive Funds (2.2) - continued -
Activity: 4. Financial Incentive Program

QUALITATIVE DESCRIPTIONS

Remarks

U.S. Department of Energy

ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)
QUARTERLY PERFORMANCE REPORT

Grant Number: EE0000786 Grantee Name: Lake, County of
Reporting Period: 07/01/2011 - 09/30/2011 Report Status: Approved Grant Complete and ready for Close out: ☐

Activity Title: Benchmarking, Education, and Outreach (3.2)
Activity: 6. Buildings and Facilities

Activity Status:	Active	% of Work Complete:	62
Planned Start Date:	05/19/2010	Planned End Date:	07/26/2012
Actual Start Date:	05/19/2010	Actual End Date:	
Proposed Activity Budget:	$578,035.00	Planned Outlays For this Period:	$0.00

Description:

In addition to the projects identified below, administration related to the implementation of the EECBG Activities (with the exception of the EECS) is included under this activity. The following provides additional detail to each of this activity's proposed projects.PROJECT TITLE: Energy Performance Benchmarking and Associated Public Education and Outreach CampaignLake County proposes to establish a program for benchmarking the energy performance of County buildings and executing two pilot energy audits and retrofits to promote energy efficiency to the community. This EECBG activity will include: Hiring temporary workers to benchmark the energy performance of all municipal buildings greater than 5,000 square feet in EPA's Portfolio Manager; create a GHG inventory for Lake County as well as a monitoring and tracking management system; hire a contractor to complete energy audits on one home and one small business and then complete an energy efficiency retrofit on each . These efforts and resulting energy savings will be publicized during the education and outreach campaign and will also be used to form an inter-jurisictioanl task force to help facilitate information sharing. ROJECT TITLE: Adult Education and Training - Lake-Sumter Community College Lake County proposes to implement an Adult Education and Training project to ensure that the current workforce is prepared for green-collar jobs related to energy efficiency and clean energy. This EECBG activity has three parts: develop course curricula; subsidize tuition; and assist with job placement. PROJECT TITLE: Adult Education and Training - Lake TechThe first part of this project is the development of curriculum and instructional staff to offer certification classes to construction professionals in the areas of installation and maintenance of photovoltaic and solar energy systems. The funds requested will be used for instructor salaries, student training materials, and "train the trainer" activities. If available, additional funds will enable Lake Tech to offer the classes tuition-free to local industry. The second part is to reopen the HVAC program at Lake Tech with a curriculum focused on energy efficiency. The funds would pay for the instructional cost to upgrade the curriculum and to replace outdated equipment for student use when thPROJECT TITLE: Design and Operation of Energy Efficiency ProgramsLake County proposes to hire a consultant to prepare a detailed program guide for projects that will maximize the impact of the County's EECS. Specifically, this activity will help develop the programmatic content for: Part A-The residential and small commercial rebate program; Part B-the quality inspection program; Part C-the performance contract plus program; and Part D-Lake County's revolving loan opportunity fund.PROJECT TITLE: Participation and Efficiency StudyLake County proposes to hire a consulting firm to conduct a study to identify the most effective methods for increasing participation in energy efficiency programs and maximizing the energy saved through County programs.

ACTIVITY MILESTONES

Planned Start	Planned Completion	Planned Amount	Actual Start	Actual Completion	Previously Reported	Actual Amount This Qtr	Actual Amount Cumulative To Date	Status
Public Education & Outreach (marketing campaign preparation)								
11/15/2010	06/30/2011	89,972	11/19/2010	07/05/2011	0	0	0	Delayed
Complete benchmarking of existing building data (over 5,000 sf) in Portfolio Manager								
05/19/2010	12/30/2010	18,853	05/19/2010	12/15/2010	0	0	0	Ahead

U.S. Department of Energy

ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG) QUARTERLY PERFORMANCE REPORT

Grant Number: EE0000786 Grantee Name: Lake, County of

Reporting Period: 07/01/2011 - 09/30/2011 Report Status: Approved Grant Complete and ready for Close out: ☐

Activity Title: Benchmarking, Education, and Outreach (3.2) - continued -

Activity: 6. Buildings and Facilities

ACTIVITY MILESTONES

Planned Start	Planned Completion	Planned Amount	Actual Start	Actual Completion	Previously Reported	Actual Amount This Qtr	Actual Amount Cumulative To Date	Status
Participation and Efficiency Study								
05/19/2010	01/15/2011	31,600	05/19/2010	03/09/2011	31,600	0	31,600	Delayed
Design & Operation of Energy Efficiency Programs								
05/19/2010	01/17/2011	33,200	05/19/2010	06/17/2011	132,800	0	132,800	Delayed
Home and Small Commercial Retrofit Pilot Program								
09/01/2010	04/30/2011	9,000	09/01/2010	06/28/2011	0	0	0	Delayed
Approved agreements between Lake County and Lake Sumter Community College and Lake Technical Center for funding for educational programs								
05/19/2010	09/15/2010	186,727	05/19/2010	09/07/2010	186,727	0	186,727	Ahead

REQUIRED METRICS

Financial Metrics

Use Of Funds	Previously Reported	This Quarter Outlays	Total Cumulative To Date
EECBG Activity Outlays			
Recipient			
Administrative	$76,000.11	$17,446.22	$93,446.33
	Salary		
Direct Activity	$2,945.43	$783.00	$3,728.43
	Travel/education/other		
Total:	**$78,945.54**	**$18,229.22**	**$97,174.76**
Sub Recipient - Carbon Solutions America, LLC (Contract#: PO 20110999)			
Direct Activity	$33,082.00	$33,719.51	$66,801.51
Total:	**$33,082.00**	**$33,719.51**	**$66,801.51**
Sub Recipient - Lake Sumter Community College			
Direct Activity	$93,360.00	$0.00	$93,360.00
Total:	**$93,360.00**	**$0.00**	**$93,360.00**
Sub Recipient - Lake Technical Center, Inc.			

U.S. Department of Energy

ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG) QUARTERLY PERFORMANCE REPORT

Grant Number: EE0000786 Grantee Name: Lake, County of

Reporting Period: 07/01/2011 - 09/30/2011 Report Status: Approved Grant Complete and ready for Close out: ☐

Activity Title: Benchmarking, Education, and Outreach (3.2) - continued -

Activity: 6. Buildings and Facilities

REQUIRED METRICS

Financial Metrics

Use Of Funds	Previously Reported	This Quarter Outlays	Total Cumulative To Date
EECBG Activity Outlays			
Sub Recipient - Lake Technical Center, Inc.			
Direct Activity	$93,367.00	$0.00	$93,367.00
Total:	**$93,367.00**	**$0.00**	**$93,367.00**
Sub Recipient - Mark Cook Builders, Inc. (Contract#: 20111191/20111192)			
Direct Activity	$0.00	$8,479.00	$8,479.00
	Retrofit Pilot Program		
Total:	**$0.00**	**$8,479.00**	**$8,479.00**
Sub Recipient - Reynolds Smith & Hills, Inc. (Contract#: 20110601)			
Direct Activity	$59,820.00	$4,980.00	$64,800.00
Total:	**$59,820.00**	**$4,980.00**	**$64,800.00**
Sub Recipient - Shaw Environmental (Contract#: PO 20110758)			
Direct Activity	$1,057.50	$1,391.25	$2,448.75
Total:	**$1,057.50**	**$1,391.25**	**$2,448.75**
Total Outlays:	**$359,632.04**	**$66,798.98**	**$426,431.02**

Metric Description	Group	Metric Item	Previously Reported	This Quarter	Cumulative To Date
Leveraged Funds					
Percentage of Leveraged Funds		Percentage of Leveraged Funds Applied (%)	0		0

Process Metrics

Metric Description	Group	Metric Item	Previously Reported	This Quarter	Cumulative To Date
Building Energy Audits					
Building energy audits, by sector	Sectors: Agricultural;	Audits performed (count)	0	0	0
Building energy audits, by sector	Sectors: Agricultural;	Floor space audited (sq.ft.)	0	0	0

U.S. Department of Energy

ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)
QUARTERLY PERFORMANCE REPORT

Grant Number: EE0000786 Grantee Name: Lake, County of
Reporting Period: 07/01/2011 - 09/30/2011 Report Status: Approved Grant Complete and ready for Close out: ☐

Activity Title: Benchmarking, Education, and Outreach (3.2) - continued -
Activity: 6. Buildings and Facilities

REQUIRED METRICS

Process Metrics

Metric Description	Group	Metric Item	Previously Reported	This Quarter	Cumulative To Date
Building Energy Audits					
Building energy audits, by sector	Sectors: Agricultural;	Auditor's projection of energy savings (kWH)	0	0	0
Building energy audits, by sector	Sectors: Commercial;	Audits performed (count)	1	0	1
Building energy audits, by sector	Sectors: Commercial;	Floor space audited (sq.ft.)	786	0	786
Building energy audits, by sector	Sectors: Commercial;	Auditor's projection of energy savings (kWH)	0	0	0
Building energy audits, by sector	Sectors: Residential;	Audits performed (count)	1	0	1
Building energy audits, by sector	Sectors: Residential;	Floor space audited (sq.ft.)	576	0	576
Building energy audits, by sector	Sectors: Residential;	Auditor's projection of energy savings (kWH)	0	0	0

QUALITATIVE DESCRIPTIONS

Infrastructure Investment Rationale ☐ **Is Infrastructure Investment**

What we planned to accomplish this period

Ongoing public education/outreach and marketing of Go Green Get Green.Begin tracking cost savings on retrofit pilot program structures.LSCC Weatherization training and International Facilities Management Association (IFMA) Sustainability Facility Professional training programLake Tech to offer solar pv course.Ongoing development of the ghg monitoring and tracking effort.

Are you following the Plan? If not, describe the change in approach, and reasons for the change.

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

Actual or Anticipated Problems or Delays and Corrective Action Plan

U.S. Department of Energy

ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)
QUARTERLY PERFORMANCE REPORT

Grant Number: EE0000786 Grantee Name: Lake, County of
Reporting Period: 07/01/2011 - 09/30/2011 Report Status: Approved Grant Complete and ready for Close out: ☐

Activity Title: Benchmarking, Education, and Outreach (3.2) - continued -
Activity: 6. Buildings and Facilities

QUALITATIVE DESCRIPTIONS

Products Produced or Technology Transfer Activities Accomplished During the Reporting Period

Lessons Learned

What we expect to accomplish during the next period

Begin advertising cost savings on retrofit pilot programLSCC and Lake Tech to continue offering educational opportunitiesPrepare for potential relaunch of rebate program

Remarks

U.S. Department of Energy

ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG) QUARTERLY PERFORMANCE REPORT

Grant Number: EE0000786 Grantee Name: Lake, County of

Reporting Period: 07/01/2011 - 09/30/2011 Report Status: Approved Grant Complete and ready for Close out: ☐

Activity Title: Quality Inspection, Measurement, and Building Codes (4.2)

Activity: 6. Buildings and Facilities

Activity Status:	Active	% of Work Complete:	0
Planned Start Date:	05/19/2010	Planned End Date:	07/26/2012
Actual Start Date:	05/19/2010	Actual End Date:	
Proposed Activity Budget:	$204,236.00	Planned Outlays For this Period:	$0.00

Description:

This activity has 3 main projects, the EECBG funding amounts for which are summarized below: PROJECT TITLE: Quality InspectionLake County proposes to create an inspection program to ensure that the energy efficiency upgrades partially financed through the rebate program under eligible activity #4 are properly installed so that the expected savings can be fully realized. This inspection program will utilize existing inspectors or create a new position on the County staff . The quality inspections will occur throughout the rebate program's performance period on a representative sample of building upgrade projects. PROJECT TITLE: Measurement and VerificationLake County proposes to complete a study toward the end of the 36-month performance period to measure and verify the outcomes of the energy efficiency programs implemented with EECBG funds . PROJECT TITLE: Building CodesLake County seeks to identify barriers and roadblocks to energy efficiency upgrades by examining and revising County building codes and permitting procedures. This EECBG activity has three parts:1. Frame a path to International Energy Conservation Code (IECC) 2009 compliance and set up a program to meet IECC requirements.2. Train County officials, architects, and builders on the updated building codes.3. Evaluate the current building permitting process to identify bottlenecks, reduce/eliminate permitting fees, and simplify permitting paperwork to encourage energy efficiency projects .

ACTIVITY MILESTONES

Planned Start	Planned Completion	Planned Amount	Actual Start	Actual Completion	Previously Reported	Actual Amount This Qtr	Actual Amount Cumulative To Date	Status
first quality inpsection completed								
07/01/2011	08/30/2011	0			0		0	
Identifiy codes to be revised for compliance with IECC 2009								
05/19/2010	12/31/2011	9,000	04/02/2009	10/15/2010	0	0	0	Ahead
M & V contract awarded								
10/16/2011	02/15/2012	0			0		0	
evaluate permitting process								
05/19/2010	12/30/2011	9,000	05/19/2010	10/15/2010	0	0	0	Ahead
Measurment and verification RFP issued								
09/15/2011	10/15/2011	0			0		0	
Revise codes								
01/01/2011	04/30/2011	9,000			0		0	
Train Staff, Architects, Builders								
05/19/2010	05/30/2011	9,000	05/19/2010		0	0	0	On-Time

U.S. Department of Energy

ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG) QUARTERLY PERFORMANCE REPORT

Grant Number: EE0000786 Grantee Name: Lake, County of

Reporting Period: 07/01/2011 - 09/30/2011 Report Status: Approved Grant Complete and ready for Close out: ☐

Activity Title: Quality Inspection, Measurement, and Building Codes (4.2) - continued -

Activity: 6. Buildings and Facilities

ACTIVITY MILESTONES

Planned Start	Planned Completion	Planned Amount	Actual Start	Actual Completion	Previously Reported	Actual Amount This Qtr	Actual Amount Cumulative To Date	Status
Completed M & V report								
06/16/2012	07/15/2012	61,000			0		0	
Draft M & V report								
02/16/2012	06/15/2012	0			0		0	

REQUIRED METRICS

Financial Metrics

Use Of Funds	Previously Reported	This Quarter Outlays	Total Cumulative To Date
EECBG Activity Outlays			
Recipient			
Direct Activity	$329.51	$0.00	$329.51
Total:	**$329.51**	**$0.00**	**$329.51**
Total Outlays:	**$329.51**	**$0.00**	**$329.51**

Process Metrics

Metric Description	Group	Metric Item	Previously Reported	This Quarter	Cumulative To Date
Building Codes and Standards					
Building code adoption	Old Building Code: N/A; New Building Code: IECC 2009;	New and existing buildings covered by new code (count)	0	0	0
Clean Energy Policy					
Energy efficiency standards established or improved		Standards established (count)	0	0	0
Energy efficiency standards established or improved		Standards improved (count)	0	0	0

U.S. Department of Energy

ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG) QUARTERLY PERFORMANCE REPORT

Grant Number: EE0000786 Grantee Name: Lake, County of

Reporting Period: 07/01/2011 - 09/30/2011 Report Status: Approved Grant Complete and ready for Close out: ☐

Activity Title: Quality Inspection, Measurement, and Building Codes (4.2) - continued -

Activity: 6. Buildings and Facilities

QUALITATIVE DESCRIPTIONS

Infrastructure Investment Rationale ☐ **Is Infrastructure Investment**

What we planned to accomplish this period

Award contract for quality inspection/measurement and verification associated with Go Green Get Green.Develop scope for measurement and verficiation associated with the remaining EECBG activities and issue RFP.

Are you following the Plan? If not, describe the change in approach, and reasons for the change.

Full measurment and verification report will not be pursued.

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

Consultant was selected for quality inspection/mv for Go Green Get Green pending board of county commissioner's approval in October.

Actual or Anticipated Problems or Delays and Corrective Action Plan

Products Produced or Technology Transfer Activities Accomplished During the Reporting Period

Lessons Learned

What we expect to accomplish during the next period

Complete staff training on 2009 IECC

Remarks

U.S. Department of Energy

ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG) QUARTERLY PERFORMANCE REPORT

Grant Number: EE0000786 Grantee Name: Lake, County of

Reporting Period: 07/01/2011 - 09/30/2011 Report Status: Approved Grant Complete and ready for Close out: ☐

Activity Title: Traffic Signal Synchronization and System Improvement (5.2)

Activity: 7. Transportation

Activity Status:	Active	% of Work Complete:	69
Planned Start Date:	05/19/2010	Planned End Date:	06/01/2012
Actual Start Date:	05/19/2010	Actual End Date:	
Proposed Activity Budget:	$355,716.00	Planned Outlays For this Period:	$0.00

Description:

Lake County proposes to inventory the County-wide traffic signal and street light system and design short- and long-term implementation plans for retrofits and upgrades. Lake County currently maintains 182 traffic signals (75 County-owned, 107 through Interlocal agreements with cities), 52 warning flashers, 19 overhead warning beacons, 84 school flashers, and 30 street lights. Traffic signals will be evaluated for corridor synchronization and updating of existing timing plans . Intelligent Transportation Systems (ITS) will be evaluated for their usefulness to the County and implementation costs. EECBG funds will be used for a consulting engineer to develop policies and a comprehensive plan. Funds will also be utilized for implementation of the plan, including hardware and component installations such as, but not limited to, signal timing, upgraded signal controllers, and upgraded LED street lights. This program falls under EECBG eligible activity #7, Development and Implementation of Transportation Programs. This EECBG activity has the following 4 parts:1. Consultant activity to review the entire County-wide traffic signal and street light system. The consultant will also provide a planning and implementation program for Lake County. This plan will develop the program in stages with time frames based on cost and efficiency. The plan will prioritize which improvements should be performed in the short term and which one should be performed in the long term. The consultant will also provide a plan to track and assess energy savings and reductions in energy use.2. Consultant activity to develop the timing programs, construction plans, and specifications for short-term improvements. 3. Consultant activity to assist in the construction engineering and inspection of all new hardware, systems, and signal synchronization timings put into effect to ensure that they are performing at optimum efficiency as proposed in the developed construction plans. The consultant will make necessary adjustments in the field for the new timing plans.4. Hiring of a contractor for the installation of new hardware, street lights, LED traffic signals, ITS, and other systems as programmed and funded by the plan under this program.

ACTIVITY MILESTONES

Planned Start	Planned Completion	Planned Amount	Actual Start	Actual Completion	Previously Reported	Actual Amount This Qtr	Actual Amount Cumulative To Date	Status
contract awarded for review of system/strategic plan (task order on existing continuning service contract)								
05/19/2010	07/01/2010	0	05/19/2010	06/15/2010	0	0	0	Ahead
Consultant review of system								
07/26/2010	11/01/2010	46,535	07/26/2010	01/18/2011	46,536	0	46,536	Delayed
Develop timing programs, construction plans and specs								
11/02/2010	04/01/2011	285,100	02/22/2011		55,138	0	55,138	Delayed

U.S. Department of Energy

ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)
QUARTERLY PERFORMANCE REPORT

Grant Number: EE0000786 Grantee Name: Lake, County of
Reporting Period: 07/01/2011 - 09/30/2011 Report Status: Approved Grant Complete and ready for Close out: ☐

Activity Title: Traffic Signal Synchronization and System Improvement (5.2) - continued -
Activity: 7. Transportation

REQUIRED METRICS

Financial Metrics

Use Of Funds	Previously Reported	This Quarter Outlays	Total Cumulative To Date
EECBG Activity Outlays			
Recipient			
Direct Activity	$0.00	$0.00	$0.00
Vendor Organization: Anixter, Inc. (Contract#: 20111411)	$0.00	$2,154.16	$2,154.16
	ITS closed loop pilot - 5.8 GHJz wireless point to point microwave link		
Vendor Organization: IMC NETWORKS CORP. (Contract#: 20111435)	$0.00	$597.00	$597.00
	Intallation supplies for point to point link		
Vendor Organization: NAZTEC INTERNATIONAL GROUP, LLC (Contract#: 20111412)	$0.00	$11,750.00	$11,750.00
	Traffic signal controllers & traffic signal controllers w/new cabinets		
Vendor Organization: NAZTEC INTERNATIONAL GROUP, LLC (Contract#: 20111397)	$0.00	$22,500.00	$22,500.00
	GPS Clocks		
Total:	**$0.00**	**$37,001.16**	**$37,001.16**
Sub Recipient - Tindale-Oliver & Associates, Inc. (Contract#: 09-0028)			
Direct Activity	$46,535.15	$0.00	$46,535.15
Total:	**$46,535.15**	**$0.00**	**$46,535.15**
Sub Recipient - Tindale-Oliver & Associates, Inc. (Contract#: 20110938)			
Direct Activity	$199,860.57	$80,433.58	$280,294.15
Total:	**$199,860.57**	**$80,433.58**	**$280,294.15**
Sub Recipient - Tindale-Oliver & Associates, Inc. (Contract#: PO 20110938)			
	$0.00	$0.00	$0.00
Total:	**$0.00**	**$0.00**	**$0.00**
Total Outlays:	**$246,395.72**	**$117,434.74**	**$363,830.46**

Process Metrics

Metric Description	Group	Metric Item	Previously Reported	This Quarter	Cumulative To Date

U.S. Department of Energy

ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)
QUARTERLY PERFORMANCE REPORT

Grant Number: EE0000786 Grantee Name: Lake, County of
Reporting Period: 07/01/2011 - 09/30/2011 Report Status: Approved Grant Complete and ready for Close out: ☐

Activity Title: Traffic Signal Synchronization and System Improvement (5.2) - continued -
Activity: 7. Transportation

REQUIRED METRICS

Process Metrics

Metric Description	Group	Metric Item	Previously Reported	This Quarter	Cumulative To Date
Transportation					
Street lane-miles for which synchronized traffic signals were installed		Street lane-miles installed (lane-miles)	10	7	17

QUALITATIVE DESCRIPTIONS

Infrastructure Investment Rationale ☐ **Is Infrastructure Investment**

What we planned to accomplish this period

Complete synchronization and commence ITS closed loop test case work.

Are you following the Plan? If not, describe the change in approach, and reasons for the change.

Yes.

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

Traffic Signal Synchronization portion of the activity is complete.
At this time, the reductions in total greenhouse gasses for all but one implementation segment have been calculated (using Synchro) below:

Group B1/B2 – 7.1% Reduction in total greenhouse gasses

Group B5 – 18.0% Reduction in total greenhouse gasses

Group B8 – 5.0% Reduction in total greenhouse gasses

U.S. Department of Energy

ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)
QUARTERLY PERFORMANCE REPORT

Grant Number: EE0000786 Grantee Name: Lake, County of
Reporting Period: 07/01/2011 - 09/30/2011 Report Status: Approved Grant Complete and ready for Close out: ☐

Activity Title: Traffic Signal Synchronization and System Improvement (5.2) - continued -
Activity: 7. Transportation

QUALITATIVE DESCRIPTIONS

Group B4 – 7.8% Reduction in total greenhouse gasses

Actual or Anticipated Problems or Delays and Corrective Action Plan

Products Produced or Technology Transfer Activities Accomplished During the Reporting Period

Lessons Learned

What we expect to accomplish during the next period

Continue work on ITS closed loop pilot portion of the activity.

Remarks

U.S. Department of Energy

ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG) QUARTERLY PERFORMANCE REPORT

Grant Number: EE0000786 Grantee Name: Lake, County of

Reporting Period: 07/01/2011 - 09/30/2011 Report Status: Approved Grant Complete and ready for Close out: ☐

Activity Title: Expansion of County Recycling Program (6.2)

Activity: 10. Material Conservation Program

Activity Status:	Active	% of Work Complete:	2
Planned Start Date:	05/19/2010	Planned End Date:	07/26/2012
Actual Start Date:	05/19/2010	Actual End Date:	
Proposed Activity Budget:	$137,737.00	Planned Outlays For this Period:	$0.00

Description:

Lake County recognizes the significant environmental impact that occurs when waste is disposed of in a landfill. To reduce the amount of waste placed in landfills, Lake County proposes to expand and enhance its County Recycling Program by conducting a waste stream audit, identifying areas for improvement, and evaluating additional waste-related regulations. These efforts fall under eligible activity #10, Material Conservation Program. This program has three parts:First, Lake County will perform a waste stream audit on a representative sample of County facilities. These audits will be done using standard practices detailed in Materials & Resources Credit 6 under the U.S. Green Building Council's (USGBC) Leadership in Energy and Environmental Design for Existing Buildings: Operations & Maintenance (LEED-EB:O&M) Rating System. The waste stream audit will identify which materials are being put in landfills and which materials are being diverted.Second, the County will analyze the results of the audit and identify areas for improvement. As a recycling program is already in place, the audit will allow Lake County to see its unrealized opportunities. For example, if a significant amount of glass is put in the landfill, Lake County will emphasize recycling glass and re-using dishware to reduce the amount of glass being disposed of. The County will promote its recycling program and facilitate participation by providing recycling bins and containers that are well-marked and easily accessible, as well as by placing signage in facilities promoting the recycling program to occupants and visitors. The County will also encourage occupants to decrease waste by reducing and reusing materials where appropriate. Additionally, the current styrofoam recycling program will be expanded.Third, Lake County will consider expanding its recycling efforts to the community by investigating opportunities to regulate particularly environmentally stressful bulk waste, such as styrofoam. Lake County will investigate local recycling companies and find alternate solutions for companies that wish to dispose of waste in bulk. This solution will prove fiscally advantageous to both the disposer and the recycler.

ACTIVITY MILESTONES

Planned Start	Planned Completion	Planned Amount	Actual Start	Actual Completion	Previously Reported	Actual Amount This Qtr	Actual Amount Cumulative To Date	Status
Program improvements								
06/01/2011	01/12/2012	814			0		0	
Complete improvements								
01/01/2012	07/26/2012	22,507			0		0	
Analysis of expansion opportunities and complete waste stream audit								
05/19/2010	06/01/2011	3,868	05/19/2010		0	0	0	On-Time

REQUIRED METRICS

U.S. Department of Energy

ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG) QUARTERLY PERFORMANCE REPORT

Grant Number: EE0000786 Grantee Name: Lake, County of

Reporting Period: 07/01/2011 - 09/30/2011 Report Status: Approved Grant Complete and ready for Close out: ☐

Activity Title: Expansion of County Recycling Program (6.2) - continued -

Activity: 10. Material Conservation Program

REQUIRED METRICS

Financial Metrics

Use Of Funds	Previously Reported	This Quarter Outlays	Total Cumulative To Date
EECBG Activity Outlays			
Recipient			
Direct Activity	$2,666.70	$1,152.59	$3,819.29
	Direct staff cost $621.59 Tentanus shots for laborers $531.00		
Total:	**$2,666.70**	**$1,152.59**	**$3,819.29**
Sub Recipient - Camp Dresser & McKee Inc. (Contract#: 20111149)			
Direct Activity	$0.00	$28,577.00	$28,577.00
	Recycling Study		
Total:	**$0.00**	**$28,577.00**	**$28,577.00**
Sub Recipient - MDT Personnel LLC (Contract#: 20111229)			
Direct Activity	$0.00	$4,834.50	$4,834.50
	Laborers to sort waste for recycling material analysis		
Total:	**$0.00**	**$4,834.50**	**$4,834.50**
Total Outlays:	**$2,666.70**	**$34,564.09**	**$37,230.79**

Process Metrics

Metric Description	Group	Metric Item	Previously Reported	This Quarter	Cumulative To Date
Clean Energy Policy					
Alternative energy plans developed or improved		Plans developed (count)	0	0	0
Alternative energy plans developed or improved		Plans improved (count)	0	0	0

QUALITATIVE DESCRIPTIONS

Infrastructure Investment Rationale	☐ Is Infrastructure Investment

U.S. Department of Energy

ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)
QUARTERLY PERFORMANCE REPORT

Grant Number: EE0000786 Grantee Name: Lake, County of

Reporting Period: 07/01/2011 - 09/30/2011 Report Status: Approved Grant Complete and ready for Close out: ☐

Activity Title: Expansion of County Recycling Program (6.2) - continued -

Activity: 10. Material Conservation Program

QUALITATIVE DESCRIPTIONS

What we planned to accomplish this period

Draft report due in July 2011

Are you following the Plan? If not, describe the change in approach, and reasons for the change.

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

Actual or Anticipated Problems or Delays and Corrective Action Plan

Products Produced or Technology Transfer Activities Accomplished During the Reporting Period

Lessons Learned

What we expect to accomplish during the next period

Completion of final report

Remarks

U.S. Department of Energy

ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG) QUARTERLY PERFORMANCE REPORT

Grant Number: EE0000786 Grantee Name: Lake, County of

Reporting Period: 07/01/2011 - 09/30/2011 Report Status: Approved Grant Complete and ready for Close out: ☐

Activity Title: Greenhouse Gas Reduction Program (7.2)

Activity: 11. Reduction/Capture of Methane/Greenhouse Gases

Activity Status:	Active	% of Work Complete:	11
Planned Start Date:	05/19/2010	Planned End Date:	07/26/2012
Actual Start Date:	05/19/2010	Actual End Date:	
Proposed Activity Budget:	$45,343.71	Planned Outlays For this Period:	$0.00

Description:

Landfill Gas (LFG) Feasibility Study: Lake County will conduct feasibility studies on selected County landfills to assess the available capacity for the capture of methane. The feasibility studies will evaluate the potential landfill gas (LFG) flow created from each landfill, the options for achieving reductions in GHG emissions, and the use of the intrinsic heat content of LFG to realize additional revenue streams. During these feasibility studies, a high-level comparative analysis of the characteristics of the County's other landfills will be performed to confirm that no LFG potential recovery potential exists there.

ACTIVITY MILESTONES

Planned Start	Planned Completion	Planned Amount	Actual Start	Actual Completion	Previously Reported	Actual Amount This Qtr	Actual Amount Cumulative To Date	Status
Contract awarded								
05/19/2010	01/01/2011	0	05/19/2010	12/15/2010	0	0	0	Ahead

REQUIRED METRICS

Financial Metrics

Use Of Funds	Previously Reported	This Quarter Outlays	Total Cumulative To Date
EECBG Activity Outlays			
Recipient			
Direct Activity	$453.57	$0.00	$453.57
Total:	**$453.57**	**$0.00**	**$453.57**
Sub Recipient - Shaw Environmental (Contract#: PO 20110701)			
Direct Activity	$4,576.25	$7,221.67	$11,797.92
Total:	**$4,576.25**	**$7,221.67**	**$11,797.92**
Total Outlays:	**$5,029.82**	**$7,221.67**	**$12,251.49**

Process Metrics

U.S. Department of Energy

ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG) QUARTERLY PERFORMANCE REPORT

Grant Number: EE0000786 Grantee Name: Lake, County of

Reporting Period: 07/01/2011 - 09/30/2011 Report Status: Approved Grant Complete and ready for Close out: ☐

Activity Title: Greenhouse Gas Reduction Program (7.2) - continued -

Activity: 11. Reduction/Capture of Methane/Greenhouse Gases

REQUIRED METRICS

Process Metrics

Metric Description	Group	Metric Item	Previously Reported	This Quarter	Cumulative To Date
Clean Energy Policy					
Other policies developed or improved		Policies developed (count)	0	0	0
Other policies developed or improved		Policies improved (count)	0	0	0

QUALITATIVE DESCRIPTIONS

Infrastructure Investment Rationale ☐ **Is Infrastructure Investment**

What we planned to accomplish this period

Draft report on feasibility of using LFG for electric power general or other beneifical uses expected October 2011.

Are you following the Plan? If not, describe the change in approach, and reasons for the change.

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

Actual or Anticipated Problems or Delays and Corrective Action Plan

Products Produced or Technology Transfer Activities Accomplished During the Reporting Period

Lessons Learned

What we expect to accomplish during the next period

Remarks

U.S. Department of Energy

ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG) QUARTERLY PERFORMANCE REPORT

Grant Number: EE0000786 Grantee Name: Lake, County of

Reporting Period: 07/01/2011 - 09/30/2011 Report Status: Approved Grant Complete and ready for Close out: ☐

Activity Title: Renewable Energy Technologies (8.2)

Activity: 13. Onsite Renewable Technology

Activity Status:	Active	% of Work Complete:	0
Planned Start Date:	05/19/2010	Planned End Date:	07/26/2010
Actual Start Date:	05/19/2010	Actual End Date:	
Proposed Activity Budget:	$90,990.00	Planned Outlays For this Period:	$0.00

Description:

Lake County proposes to establish a pilot program to allow the County to take advantage of Florida's focus on renewable energy. This program aligns with eligible activity #13, Renewable Energy Technologies on Government Buildings. This EECBG activity consists of the following three tasks:1. Identification of renewable technology candidates: County facilities will be selected based on their energy performance rating in EPA's Portfolio Manager and/or renewable facility assessments conducted through a partnership with Lake Sumter Community College. A secondary selection criteria is to seek high-visibility sites, sites with special educational opportunities, and sites providing public services; these will be given priority because they will have the most public visibility and thus the greatest potential for increasing public awareness and education about energy efficiency and solar renewable energy .2. Fund matching: The County will set aside the EECBG funds for the purpose of matching Florida renewable energy funds. As funds become available through state programs -- such as the Renewable Energy Sector Grant Program, the Sunshine State Buildings Initiative, and the Solar Thermal Loan Program -- the County will then use the combined funds to install renewable technologies on eligible buildings. 3. Energy savings tracking: Lake County will track and report ongoing results from Portfolio Manager as part of its benchmarking efforts in eligible activity #3.

ACTIVITY MILESTONES

Planned Start	Planned Completion	Planned Amount	Actual Start	Actual Completion	Previously Reported	Actual Amount This Qtr	Actual Amount Cumulative To Date	Status
Select building for pilot program								
05/19/2010	09/15/2010	0	05/19/2010	11/29/2010	0	0	0	Delayed
Plan scope and determine required funding								
09/16/2010	10/15/2010	2,850	03/09/2011	03/31/2011	0	0	0	Delayed
Installation of renewable energy technology complete								
04/16/2012	07/26/2012	71,000			0	0	0	
Contract awarded for installation of renewable energy technology								
12/15/2011	04/15/2012	0			0		0	

REQUIRED METRICS

Financial Metrics

U.S. Department of Energy

ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG) QUARTERLY PERFORMANCE REPORT

Grant Number: EE0000786 Grantee Name: Lake, County of

Reporting Period: 07/01/2011 - 09/30/2011 Report Status: Approved Grant Complete and ready for Close out: ☐

Activity Title: Renewable Energy Technologies (8.2) - continued -

Activity: 13. Onsite Renewable Technology

REQUIRED METRICS

Financial Metrics

Use Of Funds	Previously Reported	This Quarter Outlays	Total Cumulative To Date
EECBG Activity Outlays			
Recipient			
Direct Activity	$110.71	$0.00	$110.71
Total:	**$110.71**	**$0.00**	**$110.71**
Sub Recipient - TLC Engineering for Architecture (Contract#: 20111143)			
Direct Activity	$0.00	$8,148.60	$8,148.60
	Plans/specs for solar pilot		
Total:	**$0.00**	**$8,148.60**	**$8,148.60**
Sub Recipient - TLC Engineering for Architecture (Contract#: PO 20110974)			
Direct Activity	$0.00	$2,850.00	$2,850.00
	Solar Study		
Total:	**$0.00**	**$2,850.00**	**$2,850.00**
Total Outlays:	**$110.71**	**$10,998.60**	**$11,109.31**

Process Metrics

Metric Description	Group	Metric Item	Previously Reported	This Quarter	Cumulative To Date
Renewable Energy Market Development					
Solar energy systems installed		Number of systems installed (count)	0	0	0
Solar energy systems installed		Total capacity of systems installed (kW)	0	0	0

QUALITATIVE DESCRIPTIONS

Infrastructure Investment Rationale	☐ Is Infrastructure Investment

U.S. Department of Energy

ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG) QUARTERLY PERFORMANCE REPORT

Grant Number: EE0000786 Grantee Name: Lake, County of

Reporting Period: 07/01/2011 - 09/30/2011 Report Status: Approved Grant Complete and ready for Close out: ☐

Activity Title: Renewable Energy Technologies (8.2) - continued -

Activity: 13. Onsite Renewable Technology

QUALITATIVE DESCRIPTIONS

What we planned to accomplish this period

Complete design plans and obtain board approval to utilize oncall construction manager for project construction.

Are you following the Plan? If not, describe the change in approach, and reasons for the change.

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

Actual or Anticipated Problems or Delays and Corrective Action Plan

Products Produced or Technology Transfer Activities Accomplished During the Reporting Period

Lessons Learned

What we expect to accomplish during the next period

Award construction to on-call construction manager in November 2011

Remarks

U.S. Department of Energy

ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)
QUARTERLY PERFORMANCE REPORT

Grant Number: EE0000786 Grantee Name: Lake, County of
Reporting Period: 07/01/2011 - 09/30/2011 Report Status: Approved Grant Complete and ready for Close out: ☐

APPROVAL HISTORY

Action	Date	By Whom
Approved	11/30/2011 05:34:24 pm	Kelsie Hammond 7203561643 kelsie.hammond@go.doe.gov
	Comments:	
Submitted	11/03/2011 04:26:33 pm	Lori Barnes 3523439503 lbarnes@lakecountyfl.gov
	Comments:	