090010

Grantee: City of Gainesville Date:	
DUNS#: 82635004 Program Contact Email: shepherdwj@gru.com	
Program Contact First Name: Bill Last Name: Shepherd	
Project Title: Energy efficiency through behavior change	
Activity: 1. Energy Efficiency and Conservation Strategy   If Other:	3750,55
Sector: Residential If Other:	
Proposed Number of Jobs Created: 2.00 Proposed Number of Jobs Retained: 250,000 00	-
Proposed Energy Saved and/or Renewable Energy Generated: 9,900 MegaWatt Hours per year	
Proposed GHG Emissions Reduced (CO2 Equivalents): 8,791.000	20.53
Proposed Funds Leveraged: \$250,000.00	
Proposed EECBG Budget: 250,000.00 TOTAL ACCURATE AND ACCU	
Projected Costs Within Budget: Administration: Revolving Loans: Subgrants:	
Project Contact First Name: Bill Last Name: Shepherd Email: Shepherdwj@gru.g	:om
Metric Activity: Other: If Other:	
Project Summary: (limit summary to space provided)	
There are programs available that use behavioral science, software, and data-driven analytics to engage residential energy customers. One program involves sending highly customized energy usage history reports to 45,000 households. The reports are designed to encourage behavioral modificati in order to reduce individual energy usage at the residence. The report notifies the customers ho their usage compares to other homes in their neighborhood. It also provides energy reduction tips marketing messages. Sacramento Utility District has had this program in place since the summer of 2008. They have already seen a 2% reduction in energy usage on those 45,000 homes. Average annua energy usage for GRU customers is about 11,000 kWh per household. Applying the same 2% reduction our customers would amount to 9,900 MWh of energy reduction.	w and 1
\$250,000 will be requested for the next two years as well with matching funds provided.	
EECBG cost: \$0.025 per kWh \$28.44 per metric ton of carbon	
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Grantee:	City of Gainesville			Date: _		
DUNS#:	82635004					
Program C	Contact First Name: Bill		Last Name:	Shepherd		
Project Tit	tle: LEEP (Low-income Energy Effi	ciency Program				
	1. Energy Efficiency and Conservation	######################################	If Other:	11 T		
Sector: R	esidential		If Other:			
	Number of Jobs Created: 7,00	Propose	d Number of	Jobs Retained:	528,500.	00
	Energy Saved and/or Renewable Energy	Generated: 2977 MWh				
	GHG Emissions Reduced (CO2 Equivaler					
	Funds Leveraged: \$342,000.00					
	EECBG Budget: 528,500.00					
	Physical Control of the Control of t	2,500.00 Revolving	Loans: \$0	.00	Subgrants:	\$486,000.00
Project Co	ontact First Name: <sup>Tara</sup>	Last Name: Thom	as		Email: tho	mastr@gru.com
-	ivity: Building Retrofits		If Other:			

Project Summary: (limit summary to space provided)

GRU developed a Low-income Energy Efficiency Program (LEEP) to assist low income customers to upgrade their home with energy efficiency measures to reduce energy use, cost and improve comfort. This program uses a "whole house system" approach similar to Home Performance with Energy Star Program. According to research, one of the most cost effective ways to improve energy efficiency is by making changes or improvements to an entire system rather than taking a piecemeal approach. All energy efficiency improvements are implemented on our low income customers' homes based on the most effective energy efficiency measures for the least cost. Improvements covered under this program can include insulation (attic and/or floor), duct repair (sealing and repairing), central air conditioning maintenance or repair, water heater repair or replacement, air conditioner replacement, programmable thermostat and compact fluorescent lighting. The average cost for total improvements is \$3000, which is paid directly to the contractor. Additionally, a GRU energy auditor goes to the home before and after the improvements are made to inspect and educate the homeowner about their newly installed measures and provide them other information to further reduce their energy and water usage.

To meet eligibility for this program, customers must be a residential electric customer, own and occupy a single family dwelling built prior to 1993, meet income qualifications (at or below 80% Median Family Income) following HUD Guidelines, and show proof of income.

Currently there \$342,000 in the utility's budget with a goal to improve 114 homes. This adds to the 158 homes already improved since the program began in 2006. With the requested additional funding of \$528,500, GRU would complete an additional 162 more homes.

These requested funds would supplement administrative costs as well as the cost of improvements. The total projected energy savings (combining the existing program) would be 297,705 kWh annually for 10 years, an annual energy cost savings of \$37,213 and 264 metric tons of CO2 per year.

Two employees would need to be added to oversee the work on 162 additional homes, and we estimate that five new contractor jobs would also be needed (HVAC, insulators, electricians, plumbers and general). Additional GRU staff is necessary to continue program coordination, provide pre and post inspections, post measure energy education to the recipients, processing of the application paperwork, and program tracking.

If the same amount of funding were available in the next two years, 162 homes could be upgraded each year.

EECBG cost: \$0.176 per kWh \$199.89 per tonne of Carbon

Grantee: City of Gainesville Date: 04/10/2009
DUNS#: Program Contact Email: cooperce@cityofgainesville.org
Program Contact First Name: Christopher Last Name: Cooper
Project Title: Traffic Signal LED's
Activity: 7 Transportation If Other:
Sector: Public If Other:
Proposed Number of Jobs Created: Proposed Number of Jobs Retained: 160,000,000
Proposed Energy Saved and/or Renewable Energy Generated: 1,062,000 KwH saved per year system wide
Proposed GHG Emissions Reduced (CO2 Equivalents): 1,590.000
Proposed Funds Leveraged: \$108,000.00
Proposed EECBG Budget: 160,000.00
Projected Costs Within Budget: Administration: Revolving Loans: Subgrants:
Project Contact First Name: Phillip Last Name: Mann Email: mannpr@cityofgainesville.or
Metric Activity: Transportation If Other:
Project Summary: (limit summary to space provided)
City has replaced 60% of our traffic signal indications with LED bulbs An additional \$160,000 is needed to purchase the remaining 2,430 LED bulbs. The total reduction in emissions is estimated to
be 1,590 metric tons of CO2 each year. The savings in cost is associated with reduction in
maintenance for bulb replacements as the projected life of the LED bulb is seven years compared to 6 to 12 months for the incandescent bulbs (approximately \$36,000/year). A second area for cost savings
is the actually reduction in energy usage (approximately \$140,000/year).
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Grantee: City of Gainesville Date: 04/10/2009
DUNS#: Program Contact Email: cooperce@cityofgainesville.org
Program Contact First Name: Christopher Last Name: Cooper
Project Title: Streetlight LED's The Project Title:
Activity: 7 Transportation If Other:
Sector: Public If Other:
Proposed Number of Jobs Created: Proposed Number of Jobs Retained: 450,000.00
Proposed Energy Saved and/or Renewable Energy Generated: 60,000 KwH/year
Proposed GHG Emissions Reduced (CO2 Equivalents):
Proposed Funds Leveraged:
Proposed EECBG Budget: 450,000.00 450,000.00 500 500 500 500 500 500 500 500 5
Projected Costs Within Budget: Administration: Revolving Loans: Subgrants: Subgrants:
Project Contact First Name: Sundaram Last Name: Jaishankar Email: Jaishankarscityofgainesville.org
Metric Activity: Transportation 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Project Summary: (limit summary to space provided)
The city is interested in switching all streetlights to LED fixtures. LED fixtures are estimated to provide a 40 to 70% reduction in energy usage. The City's streetlight system's energy usage is
approximately 9,173,000 KwH/year. A 40% savings would provide a total reduction in energy usage of 3,669,200 KwH/year. This project is a proposed 200 lamp pilot program in the Downtown area that would
be a combination of standard streetlights and pedestrian level lighting. These 200 lamps use an
estimated 150,000 KwH/year; which would result in a reduction of 60,000 KwH/year.
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Grantee: City of Gainesville	<u>Date</u>	. 04/15/2009
DUNS#: 82635004	Program Contact Email: koppitchkc@gr	1.COM
Program Contact First Name: Kik	Last Name: Koppitch	
Project Title: Gainesville Regional Utilities A	dministration Building Renewable Re	source Demonstration
TO THE PROPERTY OF THE PROPERT	If Other:	
Sector: Public	If Other:	
Proposed Number of Jobs Created:	Proposed Number of Jobs Retaine	ed: 130,000.00
Proposed Energy Saved and/or Renewable Energy General		the panels
Proposed GHG Emissions Reduced (CO2 Equivalents):	186.870 a midden of the control of t	
Proposed Funds Leveraged: \$70,000.00	A STATE STATE OF THE STATE OF T	
Proposed EECBG Budget: 130,000.00		500
Projected Costs Within Budget: Administration:	24 January Charles and a reconstruction of the control of the c	<ul> <li>Control of the Control of the Control</li></ul>
Project Contact First Name: Kik	Rev. 1909/1000-341-150017100194000000000000000000000000000000	AT LONG A SECURIT OF A SECURIT
Metric Activity: Renewable Energy Market Development	If Other:	
Project Summary: (limit summary to space provided)  In an effort to foster cutting edge building skylight in the GRU administration building. This 5.77 kilowatt system will serve multip technologies in an effort to further development of the strength of the serve and visite efficiency upgrades to the administration is reducing the amount of heat gain realized to customer donations for the advancement of FECBG cost: \$0.62 per kWh  \$695.67 per tonne of Carbon	y will be replaced with semitranspa ple purposes; First it will utilize op the building integrated PV marke ors to the lobby. Third, it will he building that are currently underwathrough the skylights. Lastly, it	rent photovoltaic panels. e advanced PV t. Second, it will be elp enhance the energy y. It will do this by
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Grantee: City of Gainesville				05/04/2009
DUNS#:	Program Contact	Email: abb	ottle@cityo	gainesville.org
Program Contact First Name: Larry		Last Name:	WATER TO THE STATE OF THE STATE	
Project Title: Energy Efficiency Audits to City-	80799888 0885 58875 378 087 087 087 087 7 TO A	es		
Activity: $\frac{3}{2}$ . Residential and Commercial Buildings and	nd Audits	If Other:		
Sector: Public	2000 PROSPENSION CONTRACT	If Other:		
Proposed Number of Jobs Created: 1.00	Propose	ed Number o	f Jobs Retained	40,000.00
Proposed Energy Saved and/or Renewable Energy Genera				
Proposed GHG Emissions Reduced (CO2 Equivalents):				
Proposed Funds Leveraged:				
Proposed EECBG Budget: 40,000.00			<u> </u>	
Projected Costs Within Budget: Administration:	2002 cm	ā var sarabaras aras	<ul> <li></li></ul>	The state of the s
Project Contact First Name: Larry	ad 1331-1331-3331 (Frathlinds of MRS 1588)	93	100010000000000000000000000000000000000	
		If Other:		
Project Summary: (limit summary to space provided)				
There are several City facilities whose ener existing systems. Initial walk through audi	ts will be don	ne on the	facilities	listed below followed by
an investment grade audit on those facilities standard of \$1.00 per square foot will be us				
facilities identified for this analysis are				
Northeast Complex - Building's A, B, and C	16,124	ft2		
Martin Luther King Gymnasium	19,800	ft2		
Thelma Bolton Center	12,000	ft2		
Rosa B. Williams Center	3,895	ft2		
Wilhelmina Johnson Center	2,605	ft2		
Westside Recreation Center	8,402	Et2		
McPherson Recreation Center	1,040	ft2		
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