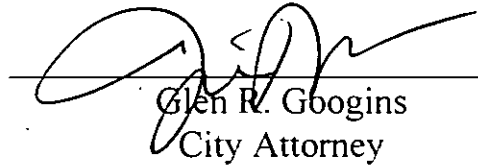


THE ATTACHED AGREEMENT HAS BEEN REVIEWED
AND APPROVED AS TO FORM BY THE CITY
ATTORNEY'S OFFICE AND WILL BE
FORMALLY SIGNED UPON APPROVAL BY
THE CITY COUNCIL


Glen R. Gogins
City Attorney

Dated: 1/12/14

AMENDMENT NO. 2 TO THE AGREEMENT
BETWEEN
THE CITY OF CHULA VISTA AND
SAN DIEGO GAS & ELECTRIC COMPANY
TO JOINTLY DELIVER TO THE CITY OF CHULA VISTA
ENERGY EFFICIENCY AND
CONSERVATION PARTNERSHIP PROGRAM

Amendment No. 2 to the Agreement to Jointly Deliver the City of Chula Vista Energy Efficiency and Conservation Partnership Program

This Amendment ("Amendment No. 2"), effective as of January 1, 2015, amends that certain "Agreement to Jointly Deliver the 2010-2012 City of Chula Vista Energy Efficiency and Conservation Partnership Program" (the "Agreement"), effective as of January 1, 2010, by and among San Diego Gas & Electric Company ("SDG&E") and the City of Chula Vista ("City"). Each of SDG&E and City may be referred to herein individually as a "Party" and collectively as the "Parties." Any capitalized terms not defined herein shall have the meanings prescribed to them in the Agreement.

WHEREAS, the Agreement sets forth the terms and conditions under which the City of Chula Vista Energy Efficiency and Conservation Partnership Program (the "Program") would be implemented for the years 2010 through 2012; and

WHEREAS, the Parties previously amended the Agreement to extend implementation of the Program for the years 2013 through 2014 (the "2013-2014 Program") ("Amendment No. 1"); and

WHEREAS, the Parties now desire to further amend the Agreement in order to extend implementation of the 2013-2014 Program through year 2015 (the "2013-2015 Program").

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, in accordance with Section 23 of the Agreement, the Parties hereby amend the Agreement as follows:

1. The following language shall replace the last sentence of Section 1.4: "The total Authorized Budget for the 2013-2015 Program shall be \$4,690,755, as set forth in the "2013-2014 Local Government Partnership Final Scope of Work," attached as Exhibit E to this Agreement, and the "2015 Local Government Partnership Final Scope of Work," attached as Exhibit F to this Agreement.
2. The following language shall be added at the end of Section 1.7: "The Parties' Scope of Work to be completed during the 2015 program year is attached to this Agreement as Exhibit F, and is incorporated by this reference."
3. The following language shall replace the second sentence, following the heading, in Section 9.1: "The total Authorized Budget for performance of the Authorized Work for the 2013-2015 Program is \$4,690,755."
4. In Sections 10 and 11, replace "2015" with "2016."
5. In Section 24.1, replace "March 31, 2015" with "March 31, 2016." Replace the last sentence of the section with the following language: "Notwithstanding the foregoing, all costs for the 2010-2012 Program must be incurred by December 31, 2012 and all costs for the 2013-2015 Program must be incurred by December 31, 2015."

6. Except as specifically modified by this Amendment, all of the terms, conditions and provisions of the Agreement and Amendment No. 1 shall be unmodified and shall remain in full force and effect.

7. **Capacity of Parties.** Each signatory and party to this Amendment warrants and represents to the other party that it has legal authority and capacity and direction from its principal to enter into this Amendment, and that all necessary resolutions or other actions have been taken so as to enable it to enter into this Amendment.

(End of page. Next page is signature page.)

Signature Page

to

**Amendment No. 2 to Agreement to Jointly Deliver the City of Chula Vista Energy
Efficiency and Conservation Partnership Program**

IN WITNESS WHEREOF, the Parties have executed this Amendment, indicating that they have read and understood same, and indicate their full and complete consent to its terms:

City of Chula Vista

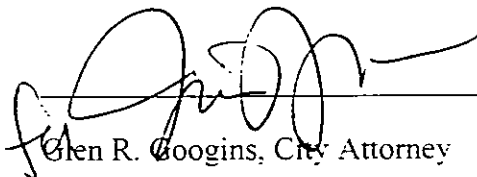
By: _____

Mary Salas, Mayor

Attest:

Donna Norris, City Clerk

Approved as to form:



Glen R. Coogins, City Attorney

SDG&E:

SAN DIEGO GAS & ELECTRIC COMPANY

Signature: 

Name (Print): Michael M. Schneider

Title: Vice President, Operations Support

**Amendment No. 1 to Agreement to Jointly Deliver the City of Chula Vista Energy
Efficiency and Conservation Partnership Program**

This Amendment ("Amendment"), effective as of January 1, 2013, amends that certain "Agreement to Jointly Deliver the 2010-2012 City of Chula Vista Energy Efficiency and Conservation Partnership Program" (the "Agreement") effective as of January 1, 2010, by and among San Diego Gas & Electric Company ("SDG&E") and the City of Chula Vista ("City"). Each of SDG&E and City may be referred to herein individually as a "Party" and collectively as the "Parties." Any capitalized terms not defined herein shall have the meanings prescribed to them in the Agreement.

WHEREAS, the Agreement sets forth the terms and conditions under which the City of Chula Vista Energy Efficiency and Conservation Partnership Program (the "Program") would be implemented for the years 2010 through 2012; and

WHEREAS, the Parties desire to amend the Agreement to include implementation of the Program for the years 2013 through 2014 (the "2013-2014 Program").

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, in accordance with Section 23 of the Agreement, the Parties hereby amend the Agreement as follows:

1. The following language shall be added to the end of Section 1.4: "The total Authorized Budget for the 2013-2014 Program shall be \$3,127,170, as set forth in the '2013-2014 Local Government Partnership Final Scope of Work', attached as Exhibit A-1 to this Agreement."
2. The following language shall be added at the end of Section 1.7: "The Parties' Scope of Work for implementing the 2013-2014 Program is attached to this Agreement as Exhibit A-1, and is incorporated by this reference."
3. The following language shall be added after the first sentence, following the heading, in Section 9.1: "The total Authorized Budget for performance of the Authorized Work for the 2013-2014 Program is \$3,127,170."
4. The following language shall be added as the last sentence of Section 10: "The Parties shall complete all 2013-2014 Program Administrative activities (as defined by the Scope of Work) and reporting requirements no later than March 31, 2015."
5. Section 11 shall be deleted in its entirety and replaced with the following updated Section 11:

"11. FINAL INVOICES

All Parties must submit final invoices for the Program no later than March 31, 2013. All Parties must submit final invoices for the 2013-2014 Program no later than March 31, 2015."

**Amendment No. 1 to Agreement to Jointly Deliver the City of Chula Vista Energy
Efficiency and Conservation Partnership Program**

6. The following language shall be added as Section 15.9 of the Agreement:

“City shall require any Contractor and/or any subcontractor of Contractor performing the Authorized Work to obtain and maintain in good standing throughout the performance of the Authorized Work, to the extent necessary, all licenses and permits required by Applicable Laws to engage in the activities required of them in connection with this Agreement.”

7. The following language shall be added as Section 17.8 of the Agreement:

“To the extent SDG&E discloses any Confidential Customer Information obtained by SDG&E through the use of advanced metering infrastructure that includes usage information and could be used to reasonably identify an SDG&E customer, City shall access, collect, store, use and disclose such information under policies, practices and notification requirements no less protective than those under which SDG&E operates.”

8. The following language shall be added as Section 41 of the Agreement:

“41. EQUAL OPPORTUNITY. SDG&E is an equal employment opportunity employer and is a federal contractor. Consequently, City agrees, to the extent applicable, to comply with Executive Order 11246, the Vietnam Era Veterans Readjustment Assistance Act of 1974 and Section 503 of the Vocational Rehabilitation Act of 1973 and also agrees that these laws are incorporated herein by this reference. City also agrees to comply with the provisions of Executive Order 13496 relating to the notice of employee rights under federal labor laws.”

9. Extend the Agreement expiration date by replacing “December 31, 2012” with “December 31, 2014” in Section 24.1. Also, add the following language at the end of Section 24.1: “Notwithstanding the foregoing, all costs for the 2010-2012 Program must be incurred by December 31, 2012 and all costs for the 2013-2014 must be incurred by December 31, 2014.”

Except as specifically modified by this Amendment, all of the terms, conditions and provisions of the Agreement shall be unmodified and shall remain in full force and effect.

(End of page. Next page is signature page.)

**Amendment No. 1 to Agreement to Jointly Deliver the City of Chula Vista Energy
Efficiency and Conservation Partnership Program**

Capacity of Parties. Each signatory and party to this Amendment warrants and represents to the other party that it has legal authority and capacity and direction from its principal to enter into this Amendment, and that all necessary resolutions or other actions have been taken so as to enable it to enter into this Amendment.

IN WITNESS WHEREOF, the Parties have executed this Amendment, indicating that they have read and understood same, and indicate their full and complete consent to its terms:

| | |
|---|-------------------------------|
| CITY OF CHULA VISTA | |
| City of Chula Vista | Attest: |
| By: _____ | By: _____ |
| Cheryl Cox, Mayor | Donna Norris, City Clerk |
| Approved as to form: | |
| By: _____ | |
| Glen R. Googins, City Attorney | |
| SAN DIEGO GAS & ELECTRIC COMPANY | |
| San Diego Gas & Electric Company | Approved as to form: |
| By: _____ | By: _____ |
| Pamela J. Fair, VP, Environmental and Operations Support | Hollie Bierman, Legal Counsel |

**Amendment No. 1 to Agreement to Jointly Deliver the City of Chula Vista Energy
Efficiency and Conservation Partnership Program**

**EXHIBIT A-1
2013-2014 LOCAL GOVERNMENT PARTNERSHIP**

PROGRAM OVERVIEW

- a) *Program Title:*
Chula Vista Local Government Partnership
 - b) *Program Budget (2-Year):*
\$3,127,170
 - c) *Program Term:*
January 1, 2013 through December 31, 2014
 - d) *Main Contact Information:*
Brendan Reed, Environmental Resource Manager
Public Works Department - Conservation Section
276 Fourth Avenue
Chula Vista, CA 91910
619-409-5889 Office
619-476-5310 Fax
-

PROGRAM COMPONENT

Municipal Energy Management

CA-LTEESP SUPPORT

The City's Municipal Energy Management component will support the following CA Long-Term Energy Efficiency Strategic Plan goals:

- 3. Local governments lead by example with their own facilities.
- 5. Local government energy efficiency expertise becomes widespread and typical.

DESCRIPTION

The SDG&E/Chula Vista Energy Efficiency Partnership will expand the City's efforts to reduce municipal energy use through facility retrofits and upgrades. Chula Vista owns, leases, and/or operates over 90 buildings and structures totaling approximately 1.4 million square feet. Annually, the City's facilities consume an estimated 16.5 million kWh and 900,000 therms. In addition, the program will help train municipal facility managers on better energy management practices and will complement Chula Vista's ongoing investments in renewable energy generation.

GOALS, OBJECTIVES, & DELIVERABLES

- 1. **Develop integrated energy management strategies for major City buildings and facilities**
 - a. Objective – Based on the results of recent integrated demand-side management audits, develop an **Energy Management Action Plan for City facilities** identifying near-term (1-2 years) and long-term (3-5 years) project priorities.
 - i. Deliverable – Create an Energy Management Action Plan to guide future retrofit and maintenance opportunities.

**Amendment No. 1 to Agreement to Jointly Deliver the City of Chula Vista Energy
Efficiency and Conservation Partnership Program**

PROGRAM COMPONENT

Community Energy Conservation & Upgrade Outreach

CA-LTEESP SUPPORT

The City's Community Energy Conservation & Upgrade Outreach component will support the following CA Long-Term Energy Efficiency Strategic Plan goals:

4. Local governments lead their communities with innovative programs for energy efficiency, sustainability, and climate change.
5. Local government energy efficiency expertise becomes widespread and typical.

DESCRIPTION

The Community Energy Upgrade & Conservation Outreach program is designed to complement San Diego Gas & Electric's residential and commercial energy efficiency programs by providing trained City staff to engage and educate Chula Vista businesses, residents, and contractors about energy-saving opportunities. City staff are able to play a unique role in delivering energy efficiency programs to their community, both because their more proximate relationship with citizens, and because they are able to leverage other municipal services/processes to maximize outreach effectiveness.

GOALS, OBJECTIVES, & DELIVERABLES

1. Increase the business community's awareness about energy-saving opportunities and participation in available energy efficiency programs offered by SDG&E/CPUC.

- a. Objective – Trained staff will perform **free on-site energy evaluations** for Chula Vista businesses through the City's successful Free Resource & Energy Business Evaluation (FREBE) program. City staff will provide participants with an integrated energy audit, an overview of applicable SDG&E direct install, incentive, and financing programs, and assistance completing incentive and/or On-Bill Financing applications.
 - i. Deliverable – Develop energy evaluation reports for local businesses to generate immediate referrals for SDG&E programs, especially no-cost direct install programs.
 - ii. Deliverable – Survey participating businesses to identify and better understand energy upgrade opportunities and challenges within the local business community.
- b. Objective – As part of the business evaluations, City staff will specifically facilitate **low-cost energy efficiency solutions** and educate participants on new energy-saving technologies.
 - i. Deliverable – Distribute “smart” power strips or similar low cost energy-saving devices (limit one per business during two year cycle) to help demonstrate the benefits of simple energy upgrades to businesses.
- c. Objective – Local businesses that are voluntarily incorporating energy efficiency and other sustainable practices into their operations will be recognized through the **Chula Vista CLEAN Business program**. The program, which is co-sponsored by the Chula Vista Chamber of Commerce and the Third Avenue Village Association, provides additional technical, marketing, and networking opportunities for these “early adopter” businesses (*co-funded*).

**Amendment No. 1 to Agreement to Jointly Deliver the City of Chula Vista Energy
Efficiency and Conservation Partnership Program**

- i. Deliverable – Organize networking events to share best practices and lesson learned among participants and to highlight newly available energy and sustainability programs.
 - ii. Deliverable – Highlight exemplary businesses that are energy efficiency leaders through annual Chula Vista CLEAN Awards under the auspices of the City’s Resource Conservation Commission.
 - d. Objective –To **build momentum towards a local clean energy economy**, staff will work to retain and expand clean tech-oriented businesses in Chula Vista. Further, staff will work with current Chula Vista businesses to identify opportunities for new “green” products and service development (*co-funded*).
 - i. Deliverable – Complete a “Green Business Recruitment Study” to inform business recruitment efforts citywide and to guide the planning and design of the City’s new Eco-Industrial/Business Park and new University Park & Research Center.
 - ii. Deliverable – Initiate recruitment initiatives for clean tech-oriented businesses and/or development projects, which also generate referrals for SDG&E’s energy efficiency core programs.
 - iii. Deliverable – Promote business-to-business transactions between current clean tech-oriented businesses (and local supply enterprises supporting these businesses) through informal and formal networks, which also generate referrals for SDG&E’s core programs.
- 2. **Increase residents’ awareness about energy-saving opportunities and participation in energy efficiency programs such as Energy Upgrade California (EUC) and Energy Savings Assistance Program (ESAP).**
 - a. Objective – Trained staff will outreach to residents at **community events and through community-wide campaigns** to educate them on new energy efficiency technologies and available incentive and financing programs.
 - i. Deliverable – Participate in community events on a weekly basis to provide an ongoing communication channel with community members.
 - ii. Deliverable – Organize community-wide campaigns, such as the Cool California Challenge, to promote each citizen’s important role in helping Chula Vista reach its energy and environmental goals.
 - b. Objective – Through the Energy Lounge program, the Chula Vista Library’s facilities and services will be leveraged to **educate and enroll “hard to reach” residents** (such as older and low-income community members) in special energy assistance programs to help lower their utility bills.
 - i. Deliverable – Expansion of the City’s inventory of energy-related books, e-books, and tools, which are available for public circulation.
 - ii. Deliverable – Develop monthly energy messaging (utilizing the Energy Lounge digital signage and community board) to promote energy-saving tips and resources.
 - iii. Deliverable – Host quarterly adult and/or youth energy programs that include guest speakers, tool tips, story times, and screening of energy-themed movies at each major library location.
 - c. Objective – Through the Recreation Empower Hour program, the Chula Vista Recreation’s facilities and services will be leveraged to **educate children and teens on energy-saving behavior and concepts.**

**Amendment No. 1 to Agreement to Jointly Deliver the City of Chula Vista Energy
Efficiency and Conservation Partnership Program**

- i. Deliverable – Organize after-school program activities to inform and influence energy-saving behavior at home, such as the 5-Minute Shower Challenge.
 - ii. Deliverable – Deployment of the City’s Rec & Roll vehicle at special events throughout the year to provide mobile energy-saving programming (as described above).
 - iii. Deliverable – Conduct pre- and post-program learning assessments for children participating in the Recreation Empower Hour, as well as conduct surveys of their parents to assess behavioral impacts at home.
 - d. Objective – Trained staff will perform **free on-site energy evaluations** for Chula Vista residents through the City’s successful Home Upgrade, Carbon Downgrade program. City staff will help to identify home energy performance issues, suggest possible solutions, and provide assistance with completing incentive and financing applications.
 - i. Deliverable – Develop energy evaluation reports for residents to generate immediate referrals for SDG&E core programs.
 - ii. Deliverable – Survey participating residents to identify and better understand energy upgrade opportunities and challenges within the local community.
 - e. Objective – The City will help to develop the local whole-home energy retrofit market by building local capacity within banking sectors in the community.
 - i. Deliverable – Engage local financial institutions about opportunities to provide loan products for energy efficiency, renewable energy, and other “green building” upgrades.
 - f. Objective – In collaboration with the City’s Housing Division, the City will provide **direct outreach and assistance to low and moderate-income homeowners** to facilitate whole-home energy retrofits through its “Green Homes for All” initiative (*co-funded*).
 - i. Deliverable – Modify existing municipal affordable housing assistance programs (funded by state and federal sources) to better promote energy efficiency upgrades in conjunction with typical health and safety improvements.
 - ii. Deliverable – Leverage the City’s current low-interest revolving loan fund to target income-qualified homeowners enabling participation in Energy Upgrade California.
- 3. Expand energy-efficiency opportunities in neighboring communities through collaboration and peer-to-peer support as part of the South Bay Energy Action Collaborative (SoBEAC).**
- a. Objective – Chula Vista will **assist South Bay jurisdictions in managing energy consumption and costs at their municipal facilities** by sharing lessons learned and providing technical support (dependent on partnering jurisdictions’ selected priorities).
 - i. Deliverable – Review existing energy benchmark data and submit eligible facilities for ENERGY STAR certification.
 - ii. Deliverable – Provide training opportunities for facility staff on energy management techniques and resources.
 - iii. Deliverable – Develop specifications, sample council agenda reports & resolutions, and incentive applications for identified energy upgrade projects.
 - b. Objective – Chula Vista will **assist South Bay jurisdictions in further integrating energy efficiency into building and development processes** (dependent on partnering jurisdictions’ selected priorities).

Amendment No. 1 to Agreement to Jointly Deliver the City of Chula Vista Energy Efficiency and Conservation Partnership Program

- i. Deliverable – Work with SDG&E to provide training sessions for municipal building and planning staff on energy efficiency and sustainable building opportunities and rebate programs applicable to permit applicants and developers.
 - ii. Deliverable – Develop kiosks and display racks for permit counter areas to showcase available sustainable building resources.
 - iii. Deliverable – Create suggested energy-related language and topics (menu style) for inclusion into community planning documents such as General Plan and Housing Element sections.
- c. Objective – Chula Vista will **help South Bay jurisdictions educate their local community members on energy efficiency** opportunities (dependent on partnering jurisdictions’ selected priorities).
- i. Deliverable – Create South Bay-specific energy efficiency information packets and giveaways highlighting general energy efficiency tips and available resources for local community members.
 - ii. Deliverable – Develop “South Bay Library Kits” featuring energy-efficiency and “green” living books, resources, and tools for public circulation as well as related public programming and signage.
 - iii. Deliverable – Launch a joint South County marketing campaign to facilitate local businesses’ participation in SDG&E no-cost Direct Install and Reduce Your Use programs and recognize successful, participating businesses in each jurisdiction through “SoBEAC Business Energy Leadership.”

SCHEDULE

Jan – Mar ’13: Initiate residential & business energy evaluations
 Expand Energy Lounge & Empower Hour programs
 Complete Green Business Recruitment Study

Apr – June ’13: Begin CLEAN Business networking & recognition
 Initiate clean-tech recruitment & B-to-B efforts
 Launch Green Homes for All outreach

July ’13 – Dec ’13: Begin SoBEAC facility & community efforts

Jan – Dec ’14: Continue & complete program implementation

TARGET AUDIENCE

To include: South Bay residents (including youth, seniors, & low-income households) & businesses.

BUDGET

| Program Name: Community Energy Conservation & Upgrade Outreach | | |
|---|-----------------------|-------------|
| Item | Program Budget | |
| | (\$) | (%) |
| Administrative Costs | - | - |
| Marketing/Outreach Costs | \$89,375 | 6% |
| Direct Implementation Costs | \$1,438,217 | 94% |
| Total | \$1,527,592 | 100% |

**Amendment No. 1 to Agreement to Jointly Deliver the City of Chula Vista Energy
Efficiency and Conservation Partnership Program**

PROGRAM COMPONENT

Sustainable Communities

CA-LTEESP SUPPORT

The City's Sustainable Communities component will support the following CA Long-Term Energy Efficiency Strategic Plan goals:

1. Local governments lead adoption and implementation of "reach" codes stronger than Title 24, on both mandatory basis and voluntary bases.
2. Strong support from local governments for energy code compliance enforcement.
5. Local government energy efficiency expertise becomes widespread and typical.

DESCRIPTION

Building upon the current program, the Chula Vista Sustainable Communities Program (SCP) will further City staff's expertise in energy conservation and green building principles, with the goal of infusing sustainable practices into every level of the planning and building process. Staff will promote these principles to customers engaged in the municipal permit and construction approval process through the City's website, on the phone, and in person at the Public Services Building. Under the SCP, the Development Services Department will also investigate and update their existing programs, guidelines, and regulations to reflect the advances that have been made in both the green building and energy conservation aspects of community and project-level site planning and to coordinate these activities with new energy-related programs.

GOALS, OBJECTIVES, & DELIVERABLES

1. **Improve the energy performance of new development and buildings through standards and codes that emphasize sustainable design and construction and support progress towards Zero Net Energy building goals.**
 - a. **Objective** – The City will develop local approaches and standards for achieving **increased energy efficiency at the community-planning scale** and site-planning scale.
 - i. **Deliverable** – Identify options for establishing local energy efficient community and site-planning standards for new development, including the possible use of LEED-ND as a framework, in collaboration with the SDG&E Sustainable Communities Program and the US Green Building Council.
 - ii. **Deliverable** – Establish modeling tools for use in evaluating and quantifying the increased energy efficiency associated with applying various alternative community and site-planning features and standards to projects.
 - iii. **Deliverable** – Develop energy-efficient community and site planning standards and incentives for City Council consideration.
 - b. **Objective** – The City will update its **Energy Efficiency and Green Building "reach" codes** to exceed the new 2014 Title-24 standards.
 - i. **Deliverable** – Develop Enhanced Energy Efficiency and Green Building Ordinances for City Council consideration.
2. **Increase developers and permit applicants' awareness of energy-saving opportunities related to new construction and major renovation projects and their participation in available energy efficiency programs.**

**Amendment No. 1 to Agreement to Jointly Deliver the City of Chula Vista Energy
Efficiency and Conservation Partnership Program**

- a. **Objective** – Chula Vista will provide **direct education to developers, permit applicants, and Development Services Department staff** on energy efficiency codes, emerging technologies, and SDG&E incentive programs.
 - i. **Deliverable** – Produce development-related educational materials via digital forms, handouts, process guides, and information links.
 - ii. **Deliverable** – Regularly update the City’s “Sustainability Center” website with new program materials and energy-focused information.
 - b. **Objective** – Chula Vista will provide **technical support to developers, permit applicants, and Development Services Department staff** on energy efficiency codes, mandatory & voluntary green building standards, emerging technologies, and SDG&E incentive programs.
 - i. **Deliverable** – Participate in regional networking events for sharing “lessons learned” and implementation progress updates.
 - ii. **Deliverable** – Provide regular in-house trainings to Development Services staff on the City’s “reach” codes, voluntary CalGreen Tier 2 incentive program, and California Energy and Green Building codes.
 - iii. **Deliverable** – Participate in pre-construction meetings on jobsites to explain and aid compliance with the current and new California Green Building and Energy codes, and locally-adopted “reach” codes and expedited permitting incentive programs.
 - iv. **Deliverable** – Provide staffing at the City’s “Sustainability Desk” during public counter hours and by appointment to answer questions and offer one-on-one guidance to community members and Development Services staff.
- 3. Increase compliance and enforcement of new California Energy and Green Building codes along with the “reach” codes adopted by the Chula Vista City Council**
- a. **Objective** – Provide **verification that all mandatory enhanced energy efficiency and green building requirements are being properly met.**
 - i. **Deliverable** - Perform secondary field audits on all types of construction projects to confirm compliance with the enhanced energy efficiency requirements and to ensure proper installation and inspection procedures were performed.
 - ii. **Deliverable** - Regularly review plans and documentation with the developers, permit applicants, and Development Services staff to identify energy efficient opportunities.

TARGET AUDIENCE

To include: Development Services Department personnel (including Plan Check, Permit Counter, & Building Inspection staff), builders, developers, and community members.

SCHEDULE

| | |
|----------------|---|
| Jan – Mar ’13: | Begin public education & technical support Begin advanced code compliance activities Assess community-scale modeling tool options |
| Apr – Dec ’13: | Complete community-scale tools development Complete updates to “reach” codes |
| Jan – Dec ’14: | Complete updates to community-scale standards |

**Amendment No. 1 to Agreement to Jointly Deliver the City of Chula Vista Energy
Efficiency and Conservation Partnership Program**

BUDGET

| Program Name: Sustainable Communities Program | | |
|--|-----------------------|-------------|
| Item | Program Budget | |
| | (\$) | (%) |
| Administrative Costs | - | - |
| Marketing/Outreach Costs | - | - |
| Direct Implementation Costs | \$704,809 | 100% |
| Total | \$704,809 | 100% |

PROGRAM COMPONENT

San Diego Regional Energy Partnership

CA-LTEESP SUPPORT

The San Diego Regional Energy Partnership component will support the following CA Long-Term Energy Efficiency Strategic Plan goals:

1. Local governments lead adoption and implementation of “reach” codes stronger than Title 24, on both mandatory basis and voluntary bases.
3. Local governments lead by example with their own facilities.
4. Local governments lead their communities with innovative programs for energy efficiency, sustainability, and climate change.
5. Local government energy efficiency expertise becomes widespread and typical.

DESCRIPTION

Local Governments in San Diego County have been successfully collaborating with each other and with SDG&E on joint energy efficiency initiatives over the last 6 years as part of the Local Government Partnership programs and as part of federal stimulus-funded activities related to energy efficiency. These agencies are now formalizing this “network” through creation of the San Diego Regional Energy Partnership (SDREP). The SDREP will be led by a “Local Government Steering Committee” with representatives from the City of Chula Vista, City of San Diego, County of San Diego, Port of San Diego, and San Diego Association of Governments (representing smaller jurisdictions), in close collaboration with San Diego Gas & Electric and other regional partners.

GOALS, OBJECTIVES, & DELIVERABLE

1. **Further develop and support regional Energy Upgrade California (EUC) implementation and the broader existing home retrofit market to facilitate “deep energy retrofits” (both in terms of high energy savings and untapped markets in existing residential buildings).**
 - a. Objective – The SDREP will support and expand the current **San Diego Retrofit Advisory Council (RAC)** to include broader stakeholder participation from local governments, community organizations, realtors, financing institutions, and contractors.
 - b. Objective – SDREP will conduct **outreach, education, and coordination activities for the local real estate community** in order to enable this key market actor to become a strong advocate for energy efficiency.

**Amendment No. 1 to Agreement to Jointly Deliver the City of Chula Vista Energy
Efficiency and Conservation Partnership Program**

- c. Objective – SDREP will build on initial efforts utilizing geographic information systems (GIS) to develop an **online mapping tool that incorporates building stock, census, utility, and past EUC project data** to help inform home energy retrofits.
 - d. Objective – SDREP will complete a **review of current permitting and building plan check requirements for EUC-type projects** throughout the 19 jurisdictions within San Diego County.
 - e. Objective – SDREP will pilot an **incentive program for home energy ratings** of existing homes to strategically leverage local government processes, such as point-of-sale and permit application opportunities.
 - f. Objective – SDREP will work with local community colleges, economic development corporations, and community organizations to develop **hands-on home performance training opportunities for unemployed and underemployed workers and Non-EUC contractors** to expand regional workforce training opportunities and to link to municipal affordable housing programs.
2. **Further assist local governments and communities in the San Diego region with understanding and implementing climate action strategies, especially related to energy efficiency.**
- a. Objective – SDREP will expand the current **Climate Collaborative website platform and branding** to include all local jurisdictions and highlight climate strategies that produce indirect energy savings, such as water conservation and urban heat island mitigation programs.
 - b. Objective – SDREP will develop **joint Green Business outreach and marketing materials** to recruit and recognize local businesses voluntarily implementing energy efficiency and other sustainability measures, and serves as a conduit for participation in utility-sponsored direct install programs.
 - c. Objective – SDREP will complete a review of current energy codes and policies throughout the different jurisdictions to **support progress towards Zero Net Energy building goals**.
3. **Facilitate the sharing of technical expertise and leveraging of purchase power between local governments to spur “deep energy retrofits” at municipal facilities across the region.**
- a. Objective – **Through a Joint Procurement Strategies Working Group**, SDREP will identify shared municipal facility retrofit opportunities across jurisdictions in the region to leverage “economies of scale” and to assist smaller jurisdictions with implementing their first energy efficiency upgrades.

TARGET AUDIENCE

To include: Municipal facility, energy management, planning, and support staff across the region.

SCHEDULE

The SDREP encompasses various programs and projects implemented in coordination with regional partners. Therefore, each of the specific SDREP programs and projects would be guided by their own individual timeline.

**Amendment No. 1 to Agreement to Jointly Deliver the City of Chula Vista Energy
Efficiency and Conservation Partnership Program**

BUDGET

| Program Name: Regional Collaboration | | |
|---|-----------------------|-------------|
| Item | Program Budget | |
| | (\$) | (%) |
| Administrative Costs | \$36,196 | 18% |
| Marketing/Outreach Costs | \$26,515 | 13% |
| Direct Implementation Costs | \$137,289 | 69% |
| Total | \$200,000 | 100% |

PROGRAM COMPONENT

Partnership Management & Administration

DESCRIPTION

The program is coordinated and administered by two central City staff members (Manager & Administrative Assistant) to improve efficiency, effectiveness, and communication between all parties. The staff member also serves as a direct contact for SDG&E program managers.

GOALS, OBJECTIVES, & DELIVERABLE

- 1. Support successful implementation of the Chula Vista Local Government Partnership to remain within the proposed timeline and budget.**
 - a. Objective – The Partnership Administration team will ensure that all parties are coordinating closely and frequently.
 - i. Deliverable – Organize quarterly coordination meetings to provide updates on implementation progress and next steps.
 - ii. Deliverable – Complete quarterly invoices and reports in addition annual reports and Strategic Plan updates.

TARGET AUDIENCE

To include: City and SDG&E staff involved in the Chula Vista Local Government Partnership.

SCHEDULE

Jan '13 – Dec'14: Organize quarterly coordination meetings
 Complete quarterly invoices & reports

BUDGET

| Program Name: Partnership Management & Administration | | |
|--|-----------------------|-------------|
| Item | Program Budget | |
| | (\$) | (%) |
| Administrative Costs | \$321,804 | 100% |
| Marketing/Outreach Costs | - | - |
| Direct Implementation Costs | - | - |
| Total | \$321,804 | 100% |

EXHIBIT F
CITY OF CHULA VISTA
2015 LOCAL GOVERNMENT PARTNERSHIP
SCOPE OF WORK

PROGRAM OVERVIEW

a) Program Title:

Chula Vista Local Government Partnership

b) Program Budget (1-Year):

\$1,563,585

c) Program Term:

January 1, 2015 through December 31, 2015

d) Main Contact Information:

Brendan Reed, Environmental Resource Manager

Public Works Department - Conservation Section

276 Fourth Avenue

Chula Vista, CA 91910

619-409-5889 Office

619-476-5310 Fax

PROGRAM COMPONENT

Municipal Energy Management

CA-LTEESP SUPPORT

The City's Municipal Energy Management component will support the following CA Long-Term Energy Efficiency Strategic Plan goals:

3. Local governments lead by example with their own facilities.
5. Local government energy efficiency expertise becomes widespread and typical.

DESCRIPTION

The SDG&E/Chula Vista Energy Efficiency Partnership will expand the City's efforts to reduce municipal energy use through facility retrofits and upgrades. Chula Vista owns, leases, and/or operates over 90 buildings and structures totaling approximately 1.4 million square feet. Annually, the City's facilities consume an estimated 16.5 million kWh and 900,000 therms. In addition, the program will help train municipal facility managers on better energy management practices and will complement Chula Vista's ongoing investments in renewable energy generation.

GOALS, OBJECTIVES, & DELIVERABLES

1. Develop integrated energy management strategies for major City buildings and facilities.

- a. Objective – As outlined in the new City Operations Sustainability Plan, **pursue retro-commissioning and green building certification** for select municipal facilities to identify more efficient and sustainable operation practices.

- i. Deliverable – Host a LEED-EBOM training for City operations staff to expand in-house capacity and knowledge.

Performance Goal: At least 10 staff participating (can include other South Bay cities' staff).

- ii. Deliverable – Produce a summary report outlining the best practices that could improve the efficient operations of municipal buildings on a daily basis.

Performance Goal: At least 10 best practices identified.

Performance Goal: At least 1 building assessed for LEED-EBOM equivalency.

- b. Objective – Determine the feasibility of leveraging the City's current water pumping management system to **improve real time energy management capabilities**.

- i. Deliverable – Produce a summary report outlining the applicability of the SCADA water pumping system to act as an energy management tool for municipal facilities.

Performance Goal: At least 1 design schematic created for a pilot site.

- ii. Deliverable – Update Capital Improvement Project (CIP) bid requirements, as appropriate, to include the new energy management system specifications.

Performance Goal: At least 1 specification sheet created.

2. Reduce energy consumption at City buildings, facilities, and related infrastructure as part of the Department of Energy's Better Buildings Challenge.

- a. Objective – Coordinate the installation of **energy efficient retrofit projects** (such as HVAC, lighting, and VFDs) at City buildings, facilities, and related infrastructure by using information obtained in section 1 above.

- i. Deliverable – Reduce building energy use through energy efficiency improvements and energy management efforts.

- b. Objective – Pursue current and emerging **energy efficiency financing options** to provide installation capital costs, which are not covered under existing incentive programs.

- i. Deliverable – Secure retrofit project financing, such as California Energy Commission loans, SDG&E On-Bill Financing, and/or CSCDA Sustainable Energy Bond Program (exact value dependent on identified retrofit project list).

Performance Goal: At least \$1,000,000 in financing issued (includes PACE financing thru “Community Energy Conservation & Upgrade Outreach” component below).

SDG&E PROVIDED DATA

To assist in accomplishing the objectives listed above, San Diego Gas & Electric will electronically provide the City (on a monthly basis) with energy data for Chula Vista municipal accounts, including:

- Account Number
- Service Address
- Energy Use
- Energy Demand
- Energy Costs
- Total Costs

TARGET AUDIENCE

To include: Municipal facility managers and support staff

SCHEDULE

- Jan – June ‘15: Host a green building training for staff
Identify energy-related building O&M best practices
- July – Dec ‘15: Secure financing & begin retrofit projects
Complete energy efficiency retrofit projects

BUDGET

| Program Name: Municipal Energy Management | | |
|---|------------------|-------------|
| Item | Program Budget | |
| | (\$) | (%) |
| Administrative Costs | - | - |
| Marketing/Outreach Costs | - | - |
| Incentive/Rebate Costs | - | - |
| Direct Implementation Costs | \$186,483 | 100% |
| Total | \$186,483 | 100% |

PROGRAM COMPONENT

Community Energy Conservation & Upgrade Outreach

CA-LTEESP SUPPORT

The City's Community Energy Conservation & Upgrade Outreach component will support the following CA Long-Term Energy Efficiency Strategic Plan goals:

4. Local governments lead their communities with innovative programs for energy efficiency, sustainability, and climate change.
5. Local government energy efficiency expertise becomes widespread and typical.

DESCRIPTION

The Community Energy Upgrade & Conservation Outreach program is designed to complement San Diego Gas & Electric's residential and commercial energy efficiency programs by providing trained City staff to engage and educate Chula Vista businesses, residents, and contractors about energy-saving opportunities. City staff are able to play a unique role in delivering energy efficiency programs to their community, both because their more proximate relationship with citizens, and because they are able to leverage other municipal services/processes to maximize outreach effectiveness.

GOALS, OBJECTIVES, & DELIVERABLES

1. Increase the business community's awareness about energy-saving opportunities and participation in available energy efficiency programs offered by SDG&E/CPUC.

- a. Objective – Trained staff will perform **free on-site energy evaluations** for Chula Vista businesses through the City's successful Free Resource & Energy Business Evaluation (FREBE) program. City staff will provide participants with an integrated energy audit, an overview of applicable SDG&E direct install, incentive, and financing programs, and assistance completing incentive and/or On-Bill Financing applications. City staff will also, whenever possible, acquire the SDG&E account number of the facility being evaluated.

- i. Deliverable – Develop energy and water evaluation reports for local businesses to generate and track immediate referrals for SDG&E core programs.

Performance Goal: At least 500 on-site business evaluations completed.

- ii. Deliverable – Survey participating businesses quarterly via online or mail to identify and better understand energy upgrade opportunities, SDG&E program interest, and customer satisfaction.

Performance Goal: At least 50% of respondents implementing at least 1 of the City's recommendations.

- b. Objective – As part of the business evaluations, City staff will specifically facilitate **low-cost energy efficiency solutions** and educate participants on new energy-saving technologies.

- i. Deliverable – Distribute "smart" power strips or similar low cost energy-saving devices (limit one per business during one year cycle) to help demonstrate the benefits of simple energy upgrades to businesses.

Performance Goal: At least 300 low cost energy-saving devices

distributed.

- ii. Deliverable – Assist SDG&E in recruiting businesses into low cost, turnkey energy solution programs, such as Direct Install and Programmable Communicating Thermostat (PCT) services.

Performance Goal: At least 300 direct referrals sent to SDG&E core programs.

- c. Objective – Local businesses that are voluntarily incorporating energy efficiency and other sustainable practices into their operations will be recognized through the **Chula Vista CLEAN Business program**. The program, which is co-sponsored by the Chula Vista Chamber of Commerce and the Third Avenue Village Association, provides additional technical, marketing, and networking opportunities for these “early adopter” businesses (*co-funded*).

- i. Deliverable – Organize networking events and/or campaigns to share best practices and lesson learned among participants and to highlight newly available energy and sustainability programs.

Performance Goal: At least 4 events or campaigns organized with at least 50 businesses participating total.

- ii. Deliverable – Highlight exemplary businesses and other community members that are energy efficiency leaders through annual Chula Vista CLEAN Champion Awards under the auspices of the City’s Resource Conservation Commission.

Performance Goal: At least 4 businesses or community members recognized.

- iii. Deliverable – Transition participating businesses onto a new Regional Green Business web platform to better link identified energy efficiency opportunities with available SDG&E core programs.

Performance Goal: At least 200 businesses participating in program and utilizing new web platform to track their improvements.

- d. Objective – To **build momentum towards a local clean energy economy**, staff will work to retain and expand clean tech-oriented businesses in Chula Vista. Further, staff will work with current Chula Vista businesses to identify opportunities for new “green” products and service development (*co-funded*).

- i. Deliverable – Initiate recruitment initiatives for clean tech-oriented businesses and/or development projects, which also generate referrals for SDG&E’s energy efficiency core programs.

- ii. Deliverable – Promote business-to-business transactions between current clean tech-oriented businesses (and local supply enterprises supporting these businesses) through informal and formal networks, which also generate referrals for SDG&E’s core programs.

Performance Goal: At least 50 direct referrals sent to SDG&E core programs.

2. **Increase residents' awareness about energy-saving opportunities and participation in energy efficiency programs such as Energy Upgrade California (EUC) and Energy Savings Assistance Program (ESAP).**

- a. **Objective** – Trained staff will outreach to residents at **community events and through community-wide campaigns** to educate them on new energy efficiency technologies and available incentive and financing programs.
 - i. **Deliverable** – Participate in community events to provide an ongoing communication channel with community members.

Performance Goal: At least 50 events attended reaching over 50,000 attendees total.
 - ii. **Deliverable** – Organize community-wide campaigns (such as Cool California Challenge and the Georgetown University Energy Prize) and events (such as the Go Green & Clean Family Day), to promote each citizen's important role in helping Chula Vista reach its energy and environmental goals.

Performance Goal: At least 2 campaigns and/or events organized reaching over 100,000 community members total.
 - iii. **Deliverable** – Distribute Therm Kits or similar low cost energy-saving devices (limit one per household) to help demonstrate the benefits of simple energy upgrades to homes.

Performance Goal: At least 100 low cost energy-saving devices distributed.
- b. **Objective** – Through the Energy Lounge program, the Chula Vista Library's facilities and services will be leveraged to **educate and enroll "hard to reach" residents** (such as older and low-income community members) in special energy assistance programs to help lower their utility bills.
 - i. **Deliverable** – Expansion of the City's inventory of energy-related books, e-books, and tools, which are available for public circulation.

Performance Goal: At least 50 new energy-related books and resources added to circulation.
 - ii. **Deliverable** – Develop monthly energy messaging (utilizing the Energy Lounge digital signage and community board) to promote energy-saving tips and resources.

Performance Goal: At least 24 messages highlighted through signage, newsletters, or emails.
 - iii. **Deliverable** – Host quarterly adult and/or youth energy programs that include guest speakers, tool tips, story times, and screening of energy-themed movies at each major library location.

Performance Goal: At least 8 events organized with at least 150 residents participating total.
- c. **Objective** – Through the Recreation Empower Hour program, the Chula Vista Recreation's facilities and services will be leveraged to **educate children and teens on energy-saving behavior and concepts.**

- i. Deliverable – Organize after-school programs and participate in special events to provide activities (through the Rec & Roll vehicle) to inform and influence energy-saving behavior at home.
Performance Goal: At least 350 activities delivered reaching over 4,500 youth total.
 - ii. Deliverable – Sponsor onsite school programs and special events (such as Summer Movie Nights) to promote energy-saving behavior and recruit participants into the Empower Hour’s after-school and Rec & Roll programs.
Performance Goal: At least 4 movie nights organized reaching over 400 community members total.
 - iii. Deliverable – Conduct pre- and post-program learning assessments for youth participating in the Recreation Empower Hour, as well as conduct surveys of their parents to assess behavioral impacts at home.
Performance Goal: At least 60% of respondents improving their energy efficiency knowledge and/or adopting more sustainable behaviors.
- d. Objective – Trained staff will perform no cost **free on-site energy evaluations** for Chula Vista residents through the City’s successful Home Upgrade, Carbon Downgrade program. City staff will help to identify home energy performance issues, suggest possible solutions, and provide assistance with completing incentive and financing applications.
- i. Deliverable – Develop Home Energy & Water Check-Up reports for residents to review potential energy and water-saving opportunities and to generate referrals for SDG&E core programs.
Performance Goal: At least 150 on-site home evaluations completed.
 - ii. Deliverable – Survey participating residents quarterly via online or mail to identify and better understand energy upgrade opportunities, SDG&E program interest, and customer satisfaction.
Performance Goal: At least 50% of respondents implementing at least one of the City evaluations’ recommendations.
- e. Objective – The City will help to **develop the local whole-home energy and water retrofit market by developing new policies through its Climate Action Plan update process and supporting local financing tools** in the community.
- i. Deliverable – As part of the Climate Action Plan update process, develop potential policy and program options for expanded education, benchmarking, retrofit, and supplemental rebates for existing residential building stock (may also apply to commercial buildings).
Performance Goal: At least 3 programs and/or policies will be developed and presented to City Council for consideration.
 - ii. Deliverable – Leverage private-public partnership(s) to provide PACE

financing to single-family, multi-family, and commercial property owners in Chula Vista.

Performance Goal: At least \$1,000,000 in financing issued (includes municipal retrofits through “Municipal Energy Management”).

- f. **Objective** – In collaboration with the City’s Housing Division and South Bay Community Services, the City will provide **direct outreach and assistance to low and moderate-income homeowners** to facilitate whole-home energy retrofits through its “Green Homes for All” initiative (*co-funded*).

- i. **Deliverable** – Assist SDG&E in recruiting low-income households into no cost, turnkey energy solution programs, such as the Energy Savings Assistance Program.

Performance Goal: At least 50 direct referrals sent to SDG&E core programs.

- ii. **Deliverable** – Assist the Chula Vista Promise Neighborhood (a Department of Education-sponsored program) in integrating energy efficiency information into their community assistance services.

Performance Goal: At least 4 bilingual presentations provided at Promise Neighborhood meetings and/or Parent Resource Centers.

3. Expand energy-efficiency opportunities in neighboring communities through collaboration and peer-to-peer support as part of the South Bay Energy Action Collaborative (SoBEAC).

- a. **Objective** – Chula Vista will assist **South Bay jurisdictions in managing energy consumption and costs at their municipal facilities** by sharing lessons learned and providing technical support.

- i. **Deliverable** – Develop detailed energy efficiency improvement proposals for municipal sites.

Performance Goal: At least 4 municipal site proposals developed.

- b. **Objective** – Chula Vista will assist **South Bay jurisdictions in further integrating energy efficiency into development and planning processes.**

- i. **Deliverable** – Work with SDG&E to provide training sessions for municipal building and planning staff and/or provide in-house technical reviews on energy efficiency and sustainable building codes, technologies, and rebate programs.

Performance Goal: At least 6 in-house trainings conducted.

- ii. **Deliverable** – Create energy-related policies and programs as part of Climate Action Plan, General Plan, or Energy Roadmap implementation.

Performance Goal: At least 2 policies/programs developed for consideration.

- c. **Objective** – Chula Vista will **help South Bay jurisdictions educate their local community members on energy efficiency opportunities.**

- i. Deliverable – Provide energy efficiency outreach support through booths and/or the South Bay Energy Roadshow Trailer at community events throughout the sub-region.
Performance Goal: At least 4 events reaching over 5,000 attendees total.
- ii. Deliverable – Host workshops at South Bay library branches to promote the books, tools, and resources available through the “Library Energy Kits.”
Performance Goal: At least 3 workshops conducted reaching over 100 attendees total.
- iii. Deliverable – Organize the 2nd annual “Green Scene” outreach campaign to recruit and promote small businesses’ involvement in low cost, turnkey energy solution programs, such as Direct Install and Programmable Communicating Thermostat services.
Performance Goal: At least 40 direct referrals sent to SDG&E core programs.

SDG&E PROVIDED DATA

To assist in accomplishing the objectives listed above, San Diego Gas & Electric will electronically provide the City (on a quarterly basis) with program participation data for Chula Vista residential and commercial customers, including:

- Customer Name
- Account Number
- Service Address
- Programs
- Measures Implemented
- Energy Savings (kWh, kW, & Therms)

TARGET AUDIENCE

To include: South Bay residents (including youth, seniors, & low-income households) & businesses.

SCHEDULE

- Jan – Mar ‘15 Conduct residential & business energy evaluations
Transition to new Green Business web platform
- Apr – June ‘15 Begin SoBEAC community outreach efforts

BUDGET

| | | |
|---|-----------------------|-------------|
| Program Name: Community Energy Conservation & Upgrade Outreach | | |
| | Program Budget | |
| Item | (\$) | (%) |
| Administrative Costs | - | - |
| Marketing/Outreach Costs | \$93,815 | 12% |
| Direct Implementation Costs | \$684,525 | 88% |
| Total | \$778,340 | 100% |

PROGRAM COMPONENT

Sustainable Communities

CA-LTEESP SUPPORT

The City's Sustainable Communities component will support the following CA Long-Term Energy Efficiency Strategic Plan goals:

1. Local governments lead adoption and implementation of "reach" codes stronger than Title 24, on both mandatory basis and voluntary bases.
2. Strong support from local governments for energy code compliance enforcement.
5. Local government energy efficiency expertise becomes widespread and typical.

DESCRIPTION

Building upon the current program, the Chula Vista Sustainable Communities Program (SCP) will further City staff's expertise in energy conservation and green building principles, with the goal of infusing sustainable practices into every level of the planning and building process. Staff will promote these principles to customers engaged in the municipal permit and construction approval process through the City's website, on the phone, and in person at the Public Services Building. Under the SCP, the Development Services Department will also investigate and update their existing programs, guidelines, and regulations to reflect the advances that have been made in both the green building and energy conservation aspects of community and project-level site planning and to coordinate these activities with new energy-related programs.

GOALS, OBJECTIVES, & DELIVERABLES

1. **Improve the energy performance of new development and buildings through standards and codes that emphasize sustainable design and construction and support progress towards statewide Zero Net Energy building goals.**
 - a. Objective – The City will develop local approaches and standards for achieving **increased energy efficiency at the community-planning scale** and site-planning scale.

- i. Deliverable – Develop recommendations for energy-efficient community and site planning standards and incentives for City Council consideration.
Performance Goal: At least 1 policy/program developed and presented to City Council for consideration.
 - b. Objective – Based on SDG&E’s cost-effectiveness study results, the City will analyze the feasibility of updating its **Energy Efficiency and Green Building “reach” codes** to exceed state standards to complement statewide Zero Net Energy initiatives.
 - i. Deliverable – Develop Enhanced Energy Efficiency and Green Building Ordinances for City Council consideration, if deemed cost-effective.
Performance Goal: At least 1 policy/program developed and presented to City Council for consideration.
2. **Increase developers and permit applicants’ awareness of energy-saving opportunities related to new construction and major renovation projects and their participation in available energy efficiency programs.**
- a. Objective – Chula Vista will provide **direct education to developers, permit applicants, and Development Services Department staff** on energy efficiency codes, emerging technologies, and SDG&E incentive programs.
 - i. Deliverable – Produce development-related educational materials via digital forms, handouts, process guides, checklists, and information links.
Performance Goal: At least 12 educational materials created and distributed.
 - b. Objective – Chula Vista will provide **technical support to developers, permit applicants, and Development Services Department staff** on energy efficiency codes, mandatory & voluntary green building standards, emerging technologies, and SDG&E incentive programs.
 - i. Deliverable – Provide regular in-house trainings to Development Services staff on the City’s “reach” codes (if applicable), voluntary CalGreen Tier 2 incentive program, and California Energy and Green Building codes.
Performance Goal: At least 6 trainings organized with at least 100 attendees total (can include other South Bay cities staff).
 - ii. Deliverable – Provide support during construction on jobsites and at the permit counter to explain and aid compliance with the current and new California Green Building and Energy codes, and locally-adopted “reach” codes (if applicable) and expedited permitting incentive programs.
Performance Goal: At least 25 one-on-one meetings with developers and/or contractors.
 - iii. Deliverable – Provide staffing at the City’s “Sustainability Desk” during public counter hours and by appointment to answer questions

and offer one-on-one guidance to community members and Development Services staff.

Performance Goal: At least 50 days of staffing at the Sustainability Desk.

- iv. Deliverable – Provide support to the local development community on SDG&E new construction programs such as California Advanced Homes and Savings By Design.

Performance Goal: At least 2 trainings organized with at least 50 attendees total.

3. Increase compliance and enforcement of new California Energy and Green Building codes along with the “reach” codes (if applicable) adopted by the Chula Vista City Council.

- a. Objective – Provide additional **verification that energy efficiency and green building requirements are being properly met.**

- i. Deliverable - Perform secondary audits on all types of construction projects (residential, commercial, and industrial) to confirm compliance with energy efficiency requirements and to ensure proper installation and inspection procedures were performed.

Performance Goal: At least 10 secondary audits performed total.

SDG&E PROVIDED DATA

To assist in accomplishing the objectives listed above, San Diego Gas & Electric will electronically provide the City (on a quarterly basis) with program participation data for Chula Vista residential and commercial customers, including:

- Customer Name
- Account Number
- Service Address
- Programs
- Measures Implemented
- Energy Savings (kWh, kW, & Therms)

TARGET AUDIENCE

To include: Development Services Department personnel (including Plan Check, Permit Counter, & Building Inspection staff), builders, developers, and community members.

SCHEDULE

- Jan – Dec '15 Continue public education & technical support
Provide permit counter support for energy code compliance
Present community-scale modeling tool & related policy
Evaluate recommendations for community-scale standards
- Jan – Apr '15 Evaluate potential for new “reach” code

BUDGET

| Program Name: Sustainable Communities Program | | |
|---|------------------|-------------|
| Item | Program Budget | |
| | (\$) | (%) |
| Administrative Costs | - | - |
| Marketing/Outreach Costs | - | - |
| Direct Implementation Costs | \$352,404 | 100% |
| Total | \$352,404 | 100% |

PROGRAM COMPONENT

San Diego Regional Energy Partnership

CA-LTEESP SUPPORT

The San Diego Regional Energy Partnership component will support the following CA Long-Term Energy Efficiency Strategic Plan goals:

1. Local governments lead adoption and implementation of “reach” codes stronger than Title 24, on both mandatory basis and voluntary bases.
3. Local governments lead by example with their own facilities.
4. Local governments lead their communities with innovative programs for energy efficiency, sustainability, and climate change.
5. Local government energy efficiency expertise becomes widespread and typical.

DESCRIPTION

Local Governments in San Diego County have been successfully collaborating with each other and with SDG&E on joint energy efficiency initiatives over the last 6 years as part of the Local Government Partnership programs and as part of federal stimulus-funded activities related to energy efficiency. These agencies are now formalizing this “network” through creation of the San Diego Regional Energy Partnership (SDREP). The SDREP will be led by a “Local Government Steering Committee” with representatives from the City of Chula Vista, City of San Diego, County of San Diego, Port of San Diego, and San Diego Association of Governments (representing smaller jurisdictions), in close collaboration with San Diego Gas & Electric and other regional partners.

GOALS, OBJECTIVES, & DELIVERABLE

1. **Further develop and support regional Energy Upgrade California (EUC) implementation and the broader existing home retrofit market to facilitate “deep energy retrofits” (both in terms of high energy savings and untapped markets in existing residential buildings).**

- a. Objective – SDREP will conduct **outreach and coordination with the local real estate community** to pursue adoption of a “Green” MLS to help capture market value for home energy performance.
- b. Objective – SDREP will expand current **regional energy mapping efforts** to include the creation of break-out maps and an updated residential map to help inform local governments’ home energy retrofit efforts.
- c. Objective – SDREP will support **energy efficiency outreach and education** across the San Diego region through community workshops/events and employee-based “home energy coaching.”

**Specific deliverables & performance metrics will be captured in consultant contracts.*

2. Further assist local governments and communities in the San Diego region with understanding and implementing climate action strategies, especially related to energy efficiency.

- a. Objective – SDREP will continue to support the **Climate Collaborative website and network** to expand jurisdictional participation and highlight climate strategies that produce direct and indirect energy savings.
- b. Objective – SDREP will recruit new community partners and businesses into the **Regional Green Business Program** to facilitate and recognize their energy efficiency efforts.
- c. Objective – SDREP will develop case studies and host webinars on local government best practices, as identified in the Zero Net Energy (ZNE) Roadmap, to support ongoing **progress towards ZNE building goals.**

**Specific deliverables & performance metrics will be captured in consultant contracts.*

TARGET AUDIENCE

To include: Municipal facility, energy management, planning, and support staff across the region.

SCHEDULE

The SDREP encompasses various programs and projects implemented in coordination with regional partners. Therefore, each of the specific SDREP programs and projects would be guided by their own individual timeline.

BUDGET

| Program Name: Regional Collaboration | | |
|---|------------------|-------------|
| Item | Program Budget | |
| | (\$) | (%) |
| Administrative Costs | \$10,000 | 10% |
| Marketing/Outreach Costs | - | - |
| Direct Implementation Costs | \$90,000 | 90% |
| Total | \$100,000 | 100% |

PROGRAM COMPONENT

Partnership Management & Administration

DESCRIPTION

The program is coordinated and administered by two central City staff members (Manager & Administrative Assistant) to improve efficiency, effectiveness, and communication between all parties. The staff member also serves as a direct contact for SDG&E program managers.

GOALS, OBJECTIVES, & DELIVERABLE

1. **Support successful implementation of the Chula Vista Local Government Partnership to remain within the proposed timeline and budget.**
 - a. Objective – The Partnership Administration team will ensure that all parties are coordinating closely and frequently.
 - i. Deliverable – Organize quarterly coordination meetings to provide updates on implementation progress and next steps.
 - ii. Deliverable – Complete quarterly invoices and reports in addition annual reports and Strategic Plan updates.

TARGET AUDIENCE

To include: City and SDG&E staff involved in the Chula Vista Local Government Partnership.

SCHEDULE

- Jan – Dec¹⁵ Organize quarterly coordination meetings
Complete quarterly invoices & reports

BUDGET

| Program Name: Partnership Management & Administration | | |
|---|------------------|-------------|
| Item | Program Budget | |
| | (\$) | (%) |
| Administrative Costs | \$146,358 | 100% |
| Marketing/Outreach Costs | - | - |
| Direct Implementation Costs | - | - |
| Total | \$146,358 | 100% |

EXHIBIT F
CITY OF CHULA VISTA
2015 LOCAL GOVERNMENT PARTNERSHIP
SCOPE OF WORK

PROGRAM OVERVIEW

a) Program Title:

Chula Vista Local Government Partnership

b) Program Budget (1-Year):

\$1,563,585

c) Program Term:

January 1, 2015 through December 31, 2015

d) Main Contact Information:

Brendan Reed, Environmental Resource Manager

Public Works Department - Conservation Section

276 Fourth Avenue

Chula Vista, CA 91910

619-409-5889 Office

619-476-5310 Fax

PROGRAM COMPONENT

Municipal Energy Management

CA-LTEESP SUPPORT

The City's Municipal Energy Management component will support the following CA Long-Term Energy Efficiency Strategic Plan goals:

3. Local governments lead by example with their own facilities.
5. Local government energy efficiency expertise becomes widespread and typical:

DESCRIPTION

The SDG&E/Chula Vista Energy Efficiency Partnership will expand the City's efforts to reduce municipal energy use through facility retrofits and upgrades. Chula Vista owns, leases, and/or operates over 90 buildings and structures totaling approximately 1.4 million square feet. Annually, the City's facilities consume an estimated 16.5 million kWh and 900,000 therms. In addition, the program will help train municipal facility managers on better energy management practices and will complement Chula Vista's ongoing investments in renewable energy generation.

GOALS, OBJECTIVES, & DELIVERABLES

1. Develop integrated energy management strategies for major City buildings and facilities.

a. Objective – As outlined in the new City Operations Sustainability Plan, **pursue retro-commissioning and green building certification** for select municipal facilities to identify more efficient and sustainable operation practices.

i. Deliverable – Host a LEED-EBOM training for City operations staff to expand in-house capacity and knowledge.

Performance Goal: At least 10 staff participating (can include other South Bay cities' staff).

ii. Deliverable – Produce a summary report outlining the best practices that could improve the efficient operations of municipal buildings on a daily basis.

Performance Goal: At least 10 best practices identified.

Performance Goal: At least 1 building assessed for LEED-EBOM equivalency.

b. Objective – Determine the feasibility of leveraging the City's current water pumping management system to **improve real time energy management capabilities**.

i. Deliverable – Produce a summary report outlining the applicability of the SCADA water pumping system to act as an energy management tool for municipal facilities.

Performance Goal: At least 1 design schematic created for a pilot site.

ii. Deliverable – Update Capital Improvement Project (CIP) bid requirements, as appropriate, to include the new energy management system specifications.

Performance Goal: At least 1 specification sheet created.

2. Reduce energy consumption at City buildings, facilities, and related infrastructure as part of the Department of Energy's Better Buildings Challenge.

a. Objective – Coordinate the installation of **energy efficient retrofit projects** (such as HVAC, lighting, and VFDs) at City buildings, facilities, and related infrastructure by using information obtained in section 1 above.

i. Deliverable – Reduce building energy use through energy efficiency improvements and energy management efforts.

b. Objective – Pursue current and emerging **energy efficiency financing options** to provide installation capital costs, which are not covered under existing incentive programs.

i. Deliverable – Secure retrofit project financing, such as California Energy Commission loans, SDG&E On-Bill Financing, and/or CSCDA Sustainable Energy Bond Program (exact value dependent on identified retrofit project list).

Performance Goal: At least \$1,000,000 in financing issued (includes PACE financing thru “Community Energy Conservation & Upgrade Outreach” component below).

SDG&E PROVIDED DATA

To assist in accomplishing the objectives listed above, San Diego Gas & Electric will electronically provide the City (on a monthly basis) with energy data for Chula Vista municipal accounts, including:

- Account Number
- Service Address
- Energy Use
- Energy Demand
- Energy Costs
- Total Costs

TARGET AUDIENCE

To include: Municipal facility managers and support staff

SCHEDULE

- Jan – June ‘15: Host a green building training for staff
Identify energy-related building O&M best practices
- July – Dec ‘15: Secure financing & begin retrofit projects
Complete energy efficiency retrofit projects

BUDGET

| Program Name: Municipal Energy Management | | |
|--|-----------------------|-------------|
| Item | Program Budget | |
| | (\$) | (%) |
| Administrative Costs | - | - |
| Marketing/Outreach Costs | - | - |
| Incentive/Rebate Costs | - | - |
| Direct Implementation Costs | \$186,483 | 100% |
| Total | \$186,483 | 100% |

PROGRAM COMPONENT

Community Energy Conservation & Upgrade Outreach

CA-LTEESP SUPPORT

The City's Community Energy Conservation & Upgrade Outreach component will support the following CA Long-Term Energy Efficiency Strategic Plan goals:

4. Local governments lead their communities with innovative programs for energy efficiency, sustainability, and climate change.
5. Local government energy efficiency expertise becomes widespread and typical.

DESCRIPTION

The Community Energy Upgrade & Conservation Outreach program is designed to complement San Diego Gas & Electric's residential and commercial energy efficiency programs by providing trained City staff to engage and educate Chula Vista businesses, residents, and contractors about energy-saving opportunities. City staff are able to play a unique role in delivering energy efficiency programs to their community, both because their more proximate relationship with citizens, and because they are able to leverage other municipal services/processes to maximize outreach effectiveness.

GOALS, OBJECTIVES, & DELIVERABLES

1. Increase the business community's awareness about energy-saving opportunities and participation in available energy efficiency programs offered by SDG&E/CPUC.

- a. Objective – Trained staff will perform **free on-site energy evaluations** for Chula Vista businesses through the City's successful Free Resource & Energy Business Evaluation (FREBE) program. City staff will provide participants with an integrated energy audit, an overview of applicable SDG&E direct install, incentive, and financing programs, and assistance completing incentive and/or On-Bill Financing applications. City staff will also, whenever possible, acquire the SDG&E account number of the facility being evaluated.

- i. Deliverable – Develop energy and water evaluation reports for local businesses to generate and track immediate referrals for SDG&E core programs.

Performance Goal: At least 500 on-site business evaluations completed.

- ii. Deliverable – Survey participating businesses quarterly via online or mail to identify and better understand energy upgrade opportunities, SDG&E program interest, and customer satisfaction.

Performance Goal: At least 50% of respondents implementing at least 1 of the City's recommendations.

- b. Objective – As part of the business evaluations, City staff will specifically facilitate **low-cost energy efficiency solutions** and educate participants on new energy-saving technologies.

- i. Deliverable – Distribute "smart" power strips or similar low cost energy-saving devices (limit one per business during one year cycle) to help demonstrate the benefits of simple energy upgrades to businesses.

Performance Goal: At least 300 low cost energy-saving devices

distributed.

- ii. Deliverable – Assist SDG&E in recruiting businesses into low cost, turnkey energy solution programs, such as Direct Install and Programmable Communicating Thermostat (PCT) services.

Performance Goal: At least 300 direct referrals sent to SDG&E core programs.

- c. Objective – Local businesses that are voluntarily incorporating energy efficiency and other sustainable practices into their operations will be recognized through the **Chula Vista CLEAN Business program**. The program, which is co-sponsored by the Chula Vista Chamber of Commerce and the Third Avenue Village Association, provides additional technical, marketing, and networking opportunities for these “early adopter” businesses (*co-funded*).

- i. Deliverable – Organize networking events and/or campaigns to share best practices and lesson learned among participants and to highlight newly available energy and sustainability programs.

Performance Goal: At least 4 events or campaigns organized with at least 50 businesses participating total.

- ii. Deliverable – Highlight exemplary businesses and other community members that are energy efficiency leaders through annual Chula Vista CLEAN Champion Awards under the auspices of the City’s Resource Conservation Commission.

Performance Goal: At least 4 businesses or community members recognized.

- iii. Deliverable – Transition participating businesses onto a new Regional Green Business web platform to better link identified energy efficiency opportunities with available SDG&E core programs.

Performance Goal: At least 200 businesses participating in program and utilizing new web platform to track their improvements.

- d. Objective – To **build momentum towards a local clean energy economy**, staff will work to retain and expand clean tech-oriented businesses in Chula Vista. Further, staff will work with current Chula Vista businesses to identify opportunities for new “green” products and service development (*co-funded*).

- i. Deliverable – Initiate recruitment initiatives for clean tech-oriented businesses and/or development projects, which also generate referrals for SDG&E’s energy efficiency core programs.

- ii. Deliverable – Promote business-to-business transactions between current clean tech-oriented businesses (and local supply enterprises supporting these businesses) through informal and formal networks, which also generate referrals for SDG&E’s core programs.

Performance Goal: At least 50 direct referrals sent to SDG&E core programs.

2. **Increase residents' awareness about energy-saving opportunities and participation in energy efficiency programs such as Energy Upgrade California (EUC) and Energy Savings Assistance Program (ESAP).**

- a. Objective – Trained staff will outreach to residents at **community events and through community-wide campaigns** to educate them on new energy efficiency technologies and available incentive and financing programs.
 - i. Deliverable – Participate in community events to provide an ongoing communication channel with community members.

Performance Goal: At least 50 events attended reaching over 50,000 attendees total.
 - ii. Deliverable – Organize community-wide campaigns (such as Cool California Challenge and the Georgetown University Energy Prize) and events (such as the Go Green & Clean Family Day), to promote each citizen's important role in helping Chula Vista reach its energy and environmental goals.

Performance Goal: At least 2 campaigns and/or events organized reaching over 100,000 community members total.
 - iii. Deliverable – Distribute Therm Kits or similar low cost energy-saving devices (limit one per household) to help demonstrate the benefits of simple energy upgrades to homes.

Performance Goal: At least 100 low cost energy-saving devices distributed.
- b. Objective – Through the Energy Lounge program, the Chula Vista Library's facilities and services will be leveraged to **educate and enroll "hard to reach" residents** (such as older and low-income community members) in special energy assistance programs to help lower their utility bills.
 - i. Deliverable – Expansion of the City's inventory of energy-related books, e-books, and tools, which are available for public circulation.

Performance Goal: At least 50 new energy-related books and resources added to circulation.
 - ii. Deliverable – Develop monthly energy messaging (utilizing the Energy Lounge digital signage and community board) to promote energy-saving tips and resources.

Performance Goal: At least 24 messages highlighted through signage, newsletters, or emails.
 - iii. Deliverable – Host quarterly adult and/or youth energy programs that include guest speakers, tool tips, story times, and screening of energy-themed movies at each major library location.

Performance Goal: At least 8 events organized with at least 150 residents participating total.
- c. Objective – Through the Recreation Empower Hour program, the Chula Vista Recreation's facilities and services will be leveraged to **educate children and teens on energy-saving behavior and concepts.**

- i. Deliverable – Organize after-school programs and participate in special events to provide activities (through the Rec & Roll vehicle) to inform and influence energy-saving behavior at home.
Performance Goal: At least 350 activities delivered reaching over 4,500 youth total.
 - ii. Deliverable – Sponsor onsite school programs and special events (such as Summer Movie Nights) to promote energy-saving behavior and recruit participants into the Empower Hour’s after-school and Rec & Roll programs.
Performance Goal: At least 4 movie nights organized reaching over 400 community members total.
 - iii. Deliverable – Conduct pre- and post-program learning assessments for youth participating in the Recreation Empower Hour, as well as conduct surveys of their parents to assess behavioral impacts at home.
Performance Goal: At least 60% of respondents improving their energy efficiency knowledge and/or adopting more sustainable behaviors.
- d. Objective – Trained staff will perform no cost **free on-site energy evaluations** for Chula Vista residents through the City’s successful Home Upgrade, Carbon Downgrade program. City staff will help to identify home energy performance issues, suggest possible solutions, and provide assistance with completing incentive and financing applications.
- i. Deliverable – Develop Home Energy & Water Check-Up reports for residents to review potential energy and water-saving opportunities and to generate referrals for SDG&E core programs.
Performance Goal: At least 150 on-site home evaluations completed.
 - ii. Deliverable – Survey participating residents quarterly via online or mail to identify and better understand energy upgrade opportunities, SDG&E program interest, and customer satisfaction.
Performance Goal: At least 50% of respondents implementing at least one of the City evaluations’ recommendations.
- e. Objective – The City will help to **develop the local whole-home energy and water retrofit market by developing new policies through its Climate Action Plan update process and supporting local financing tools** in the community.
- i. Deliverable – As part of the Climate Action Plan update process, develop potential policy and program options for expanded education, benchmarking, retrofit, and supplemental rebates for existing residential building stock (may also apply to commercial buildings).
Performance Goal: At least 3 programs and/or policies will be developed and presented to City Council for consideration.
 - ii. Deliverable – Leverage private-public partnership(s) to provide PACE

financing to single-family, multi-family, and commercial property owners in Chula Vista.

Performance Goal: At least \$1,000,000 in financing issued (includes municipal retrofits through “Municipal Energy Management”).

- f. **Objective** – In collaboration with the City’s Housing Division and South Bay Community Services, the City will provide **direct outreach and assistance to low and moderate-income homeowners** to facilitate whole-home energy retrofits through its “Green Homes for All” initiative (*co-funded*).

- i. **Deliverable** – Assist SDG&E in recruiting low-income households into no cost, turnkey energy solution programs, such as the Energy Savings Assistance Program.

Performance Goal: At least 50 direct referrals sent to SDG&E core programs.

- ii. **Deliverable** – Assist the Chula Vista Promise Neighborhood (a Department of Education-sponsored program) in integrating energy efficiency information into their community assistance services.

Performance Goal: At least 4 bilingual presentations provided at Promise Neighborhood meetings and/or Parent Resource Centers.

3. Expand energy-efficiency opportunities in neighboring communities through collaboration and peer-to-peer support as part of the South Bay Energy Action Collaborative (SoBEAC).

- a. **Objective** – Chula Vista will **assist South Bay jurisdictions in managing energy consumption and costs at their municipal facilities** by sharing lessons learned and providing technical support.

- i. **Deliverable** – Develop detailed energy efficiency improvement proposals for municipal sites.

Performance Goal: At least 4 municipal site proposals developed.

- b. **Objective** – Chula Vista will **assist South Bay jurisdictions in further integrating energy efficiency into development and planning processes.**

- i. **Deliverable** – Work with SDG&E to provide training sessions for municipal building and planning staff and/or provide in-house technical reviews on energy efficiency and sustainable building codes, technologies, and rebate programs.

Performance Goal: At least 6 in-house trainings conducted.

- ii. **Deliverable** – Create energy-related policies and programs as part of Climate Action Plan, General Plan, or Energy Roadmap implementation.

Performance Goal: At least 2 policies/programs developed for consideration.

- c. **Objective** – Chula Vista will **help South Bay jurisdictions educate their local community members on energy efficiency opportunities.**

- i. Deliverable – Provide energy efficiency outreach support through booths and/or the South Bay Energy Roadshow Trailer at community events throughout the sub-region.
Performance Goal: At least 4 events reaching over 5,000 attendees total.
- ii. Deliverable – Host workshops at South Bay library branches to promote the books, tools, and resources available through the “Library Energy Kits.”
Performance Goal: At least 3 workshops conducted reaching over 100 attendees total.
- iii. Deliverable – Organize the 2nd annual “Green Scene” outreach campaign to recruit and promote small businesses’ involvement in low cost, turnkey energy solution programs, such as Direct Install and Programmable Communicating Thermostat services.
Performance Goal: At least 40 direct referrals sent to SDG&E core programs.

SDG&E PROVIDED DATA

To assist in accomplishing the objectives listed above, San Diego Gas & Electric will electronically provide the City (on a quarterly basis) with program participation data for Chula Vista residential and commercial customers, including:

- Customer Name
- Account Number
- Service Address
- Programs
- Measures Implemented
- Energy Savings (kWh, kW, & Therms)

TARGET AUDIENCE

To include: South Bay residents (including youth, seniors, & low-income households) & businesses.

SCHEDULE

- Jan – Mar ‘15 Conduct residential & business energy evaluations
Transition to new Green Business web platform
- Apr – June ‘15 Begin SoBEAC community outreach efforts

BUDGET

| Program Name: Community Energy Conservation & Upgrade Outreach | | |
|---|------------------|-------------|
| Item | Program Budget | |
| | (S) | (%) |
| Administrative Costs | - | - |
| Marketing/Outreach Costs | \$93,815 | 12% |
| Direct Implementation Costs | \$684,525 | 88% |
| Total | \$778,340 | 100% |

PROGRAM COMPONENT

Sustainable Communities

CA-LTEESP SUPPORT

The City's Sustainable Communities component will support the following CA Long-Term Energy Efficiency Strategic Plan goals:

1. Local governments lead adoption and implementation of "reach" codes stronger than Title 24, on both mandatory basis and voluntary bases.
2. Strong support from local governments for energy code compliance enforcement.
5. Local government energy efficiency expertise becomes widespread and typical.

DESCRIPTION

Building upon the current program, the Chula Vista Sustainable Communities Program (SCP) will further City staff's expertise in energy conservation and green building principles, with the goal of infusing sustainable practices into every level of the planning and building process. Staff will promote these principles to customers engaged in the municipal permit and construction approval process through the City's website, on the phone, and in person at the Public Services Building. Under the SCP, the Development Services Department will also investigate and update their existing programs, guidelines, and regulations to reflect the advances that have been made in both the green building and energy conservation aspects of community and project-level site planning and to coordinate these activities with new energy-related programs.

GOALS, OBJECTIVES, & DELIVERABLES

1. **Improve the energy performance of new development and buildings through standards and codes that emphasize sustainable design and construction and support progress towards statewide Zero Net Energy building goals.**
 - a. Objective – The City will develop local approaches and standards for achieving **increased energy efficiency at the community-planning scale** and site-planning scale.

- i. Deliverable – Develop recommendations for energy-efficient community and site planning standards and incentives for City Council consideration.
Performance Goal: At least 1 policy/program developed and presented to City Council for consideration.
 - b. Objective – Based on SDG&E’s cost-effectiveness study results, the City will analyze the feasibility of updating its **Energy Efficiency and Green Building “reach” codes** to exceed state standards to complement statewide Zero Net Energy initiatives.
 - i. Deliverable – Develop Enhanced Energy Efficiency and Green Building Ordinances for City Council consideration, if deemed cost-effective.
Performance Goal: At least 1 policy/program developed and presented to City Council for consideration.
2. **Increase developers and permit applicants’ awareness of energy-saving opportunities related to new construction and major renovation projects and their participation in available energy efficiency programs.**
- a. Objective – Chula Vista will provide **direct education to developers, permit applicants, and Development Services Department staff** on energy efficiency codes, emerging technologies, and SDG&E incentive programs.
 - i. Deliverable – Produce development-related educational materials via digital forms, handouts, process guides, checklists, and information links.
Performance Goal: At least 12 educational materials created and distributed.
 - b. Objective – Chula Vista will provide **technical support to developers, permit applicants, and Development Services Department staff** on energy efficiency codes, mandatory & voluntary green building standards, emerging technologies, and SDG&E incentive programs.
 - i. Deliverable – Provide regular in-house trainings to Development Services staff on the City’s “reach” codes (if applicable), voluntary CalGreen Tier 2 incentive program, and California Energy and Green Building codes.
Performance Goal: At least 6 trainings organized with at least 100 attendees total (can include other South Bay cities staff).
 - ii. Deliverable – Provide support during construction on jobsites and at the permit counter to explain and aid compliance with the current and new California Green Building and Energy codes, and locally-adopted “reach” codes (if applicable) and expedited permitting incentive programs.
Performance Goal: At least 25 one-on-one meetings with developers and/or contractors.
 - iii. Deliverable – Provide staffing at the City’s “Sustainability Desk” during public counter hours and by appointment to answer questions

and offer one-on-one guidance to community members and Development Services staff.

Performance Goal: At least 50 days of staffing at the Sustainability Desk.

- iv. Deliverable – Provide support to the local development community on SDG&E new construction programs such as California Advanced Homes and Savings By Design.

Performance Goal: At least 2 trainings organized with at least 50 attendees total.

3. Increase compliance and enforcement of new California Energy and Green Building codes along with the “reach” codes (if applicable) adopted by the Chula Vista City Council.

- a. Objective – Provide additional **verification that energy efficiency and green building requirements are being properly met.**

- i. Deliverable - Perform secondary audits on all types of construction projects (residential, commercial, and industrial) to confirm compliance with energy efficiency requirements and to ensure proper installation and inspection procedures were performed.

Performance Goal: At least 10 secondary audits performed total.

SDG&E PROVIDED DATA

To assist in accomplishing the objectives listed above, San Diego Gas & Electric will electronically provide the City (on a quarterly basis) with program participation data for Chula Vista residential and commercial customers, including:

- Customer Name
- Account Number
- Service Address
- Programs
- Measures Implemented
- Energy Savings (kWh, kW, & Therms)

TARGET AUDIENCE

To include: Development Services Department personnel (including Plan Check, Permit Counter, & Building Inspection staff), builders, developers, and community members.

SCHEDULE

- Jan – Dec '15 Continue public education & technical support
Provide permit counter support for energy code compliance
Present community-scale modeling tool & related policy
Evaluate recommendations for community-scale standards
- Jan – Apr '15 Evaluate potential for new “reach” code

BUDGET

| Program Name: Sustainable Communities Program | | |
|---|------------------|-------------|
| Item | Program Budget | |
| | (\$) | (%) |
| Administrative Costs | - | - |
| Marketing/Outreach Costs | - | - |
| Direct Implementation Costs | \$352,404 | 100% |
| Total | \$352,404 | 100% |

PROGRAM COMPONENT

San Diego Regional Energy Partnership

CA-LTEESP SUPPORT

The San Diego Regional Energy Partnership component will support the following CA Long-Term Energy Efficiency Strategic Plan goals:

1. Local governments lead adoption and implementation of “reach” codes stronger than Title 24, on both mandatory basis and voluntary bases.
3. Local governments lead by example with their own facilities.
4. Local governments lead their communities with innovative programs for energy efficiency, sustainability, and climate change.
5. Local government energy efficiency expertise becomes widespread and typical.

DESCRIPTION

Local Governments in San Diego County have been successfully collaborating with each other and with SDG&E on joint energy efficiency initiatives over the last 6 years as part of the Local Government Partnership programs and as part of federal stimulus-funded activities related to energy efficiency. These agencies are now formalizing this “network” through creation of the San Diego Regional Energy Partnership (SDREP). The SDREP will be led by a “Local Government Steering Committee” with representatives from the City of Chula Vista, City of San Diego, County of San Diego, Port of San Diego, and San Diego Association of Governments (representing smaller jurisdictions), in close collaboration with San Diego Gas & Electric and other regional partners.

GOALS, OBJECTIVES, & DELIVERABLE

1. **Further develop and support regional Energy Upgrade California (EUC) implementation and the broader existing home retrofit market to facilitate “deep energy retrofits” (both in terms of high energy savings and untapped markets in existing residential buildings).**

- a. Objective – SDREP will conduct **outreach and coordination with the local real estate community** to pursue adoption of a “Green” MLS to help capture market value for home energy performance.
- b. Objective – SDREP will expand current **regional energy mapping efforts** to include the creation of break-out maps and an updated residential map to help inform local governments’ home energy retrofit efforts.
- c. Objective – SDREP will support **energy efficiency outreach and education** across the San Diego region through community workshops/events and employee-based “home energy coaching.”

**Specific deliverables & performance metrics will be captured in consultant contracts.*

2. Further assist local governments and communities in the San Diego region with understanding and implementing climate action strategies, especially related to energy efficiency.

- a. Objective – SDREP will continue to support the **Climate Collaborative website and network** to expand jurisdictional participation and highlight climate strategies that produce direct and indirect energy savings.
- b. Objective – SDREP will recruit new community partners and businesses into the **Regional Green Business Program** to facilitate and recognize their energy efficiency efforts.
- c. Objective – SDREP will develop case studies and host webinars on local government best practices, as identified in the Zero Net Energy (ZNE) Roadmap, to support ongoing **progress towards ZNE building goals.**

**Specific deliverables & performance metrics will be captured in consultant contracts.*

TARGET AUDIENCE

To include: Municipal facility, energy management, planning, and support staff across the region.

SCHEDULE

The SDREP encompasses various programs and projects implemented in coordination with regional partners. Therefore, each of the specific SDREP programs and projects would be guided by their own individual timeline.

BUDGET

| Program Name: Regional Collaboration | | |
|---|------------------|-------------|
| Item | Program Budget | |
| | (\$) | (%) |
| Administrative Costs | \$10,000 | 10% |
| Marketing/Outreach Costs | - | - |
| Direct Implementation Costs | \$90,000 | 90% |
| Total | \$100,000 | 100% |

EXHIBIT F
CITY OF CHULA VISTA
2015 LOCAL GOVERNMENT PARTNERSHIP
SCOPE OF WORK

PROGRAM OVERVIEW

a) Program Title:

Chula Vista Local Government Partnership

b) Program Budget (1-Year):

\ \$1,563,585

c) Program Term:

January 1, 2015 through December 31, 2015

d) Main Contact Information:

Brendan Reed, Environmental Resource Manager

Public Works Department - Conservation Section

276 Fourth Avenue

Chula Vista, CA 91910

619-409-5889 Office

619-476-5310 Fax

PROGRAM COMPONENT

Municipal Energy Management

CA-LTEESP SUPPORT

The City's Municipal Energy Management component will support the following CA Long-Term Energy Efficiency Strategic Plan goals:

3. Local governments lead by example with their own facilities.
5. Local government energy efficiency expertise becomes widespread and typical.

DESCRIPTION

The SDG&E/Chula Vista Energy Efficiency Partnership will expand the City's efforts to reduce municipal energy use through facility retrofits and upgrades. Chula Vista owns, leases, and/or operates over 90 buildings and structures totaling approximately 1.4 million square feet. Annually, the City's facilities consume an estimated 16.5 million kWh and 900,000 therms. In addition, the program will help train municipal facility managers on better energy management practices and will complement Chula Vista's ongoing investments in renewable energy generation.

GOALS, OBJECTIVES, & DELIVERABLES

1. Develop integrated energy management strategies for major City buildings and facilities.

- a. Objective – As outlined in the new City Operations Sustainability Plan, **pursue retro-commissioning and green building certification** for select municipal facilities to identify more efficient and sustainable operation practices.

- i. Deliverable – Host a LEED-EBOM training for City operations staff to expand in-house capacity and knowledge.

Performance Goal: At least 10 staff participating (can include other South Bay cities' staff).

- ii. Deliverable – Produce a summary report outlining the best practices that could improve the efficient operations of municipal buildings on a daily basis.

Performance Goal: At least 10 best practices identified.

Performance Goal: At least 1 building assessed for LEED-EBOM equivalency.

- b. Objective – Determine the feasibility of leveraging the City's current water pumping management system to **improve real time energy management capabilities**.

- i. Deliverable – Produce a summary report outlining the applicability of the SCADA water pumping system to act as an energy management tool for municipal facilities.

Performance Goal: At least 1 design schematic created for a pilot site.

- ii. Deliverable – Update Capital Improvement Project (CIP) bid requirements, as appropriate, to include the new energy management system specifications.

Performance Goal: At least 1 specification sheet created.

2. Reduce energy consumption at City buildings, facilities, and related infrastructure as part of the Department of Energy's Better Buildings Challenge.

- a. Objective – Coordinate the installation of **energy efficient retrofit projects** (such as HVAC, lighting, and VFDs) at City buildings, facilities, and related infrastructure by using information obtained in section 1 above.

- i. Deliverable – Reduce building energy use through energy efficiency improvements and energy management efforts.

- b. Objective – Pursue current and emerging **energy efficiency financing options** to provide installation capital costs, which are not covered under existing incentive programs.

- i. Deliverable – Secure retrofit project financing, such as California Energy Commission loans, SDG&E On-Bill Financing, and/or CSCDA Sustainable Energy Bond Program (exact value dependent on identified retrofit project list).

EXHIBIT F
CITY OF CHULA VISTA
2015 LOCAL GOVERNMENT PARTNERSHIP
SCOPE OF WORK

PROGRAM OVERVIEW

a) Program Title:

Chula Vista Local Government Partnership

b) Program Budget (1-Year):

\$1,563,585

c) Program Term:

January 1, 2015 through December 31, 2015

d) Main Contact Information:

Brendan Reed, Environmental Resource Manager

Public Works Department - Conservation Section

276 Fourth Avenue

Chula Vista, CA 91910

619-409-5889 Office

619-476-5310 Fax

PROGRAM COMPONENT

Municipal Energy Management

CA-LTEESP SUPPORT

The City's Municipal Energy Management component will support the following CA Long-Term Energy Efficiency Strategic Plan goals:

3. Local governments lead by example with their own facilities.
5. Local government energy efficiency expertise becomes widespread and typical.

DESCRIPTION

The SDG&E/Chula Vista Energy Efficiency Partnership will expand the City's efforts to reduce municipal energy use through facility retrofits and upgrades. Chula Vista owns, leases, and/or operates over 90 buildings and structures totaling approximately 1.4 million square feet. Annually, the City's facilities consume an estimated 16.5 million kWh and 900,000 therms. In addition, the program will help train municipal facility managers on better energy management practices and will complement Chula Vista's ongoing investments in renewable energy generation.

GOALS, OBJECTIVES, & DELIVERABLES

1. Develop integrated energy management strategies for major City buildings and facilities.

- a. Objective – As outlined in the new City Operations Sustainability Plan, **pursue retro-commissioning and green building certification** for select municipal facilities to identify more efficient and sustainable operation practices.

- i. Deliverable – Host a LEED-EBOM training for City operations staff to expand in-house capacity and knowledge.

Performance Goal: At least 10 staff participating (can include other South Bay cities' staff).

- ii. Deliverable – Produce a summary report outlining the best practices that could improve the efficient operations of municipal buildings on a daily basis.

Performance Goal: At least 10 best practices identified.

Performance Goal: At least 1 building assessed for LEED-EBOM equivalency.

- b. Objective – Determine the feasibility of leveraging the City's current water pumping management system to **improve real time energy management capabilities**.

- i. Deliverable – Produce a summary report outlining the applicability of the SCADA water pumping system to act as an energy management tool for municipal facilities.

Performance Goal: At least 1 design schematic created for a pilot site.

- ii. Deliverable – Update Capital Improvement Project (CIP) bid requirements, as appropriate, to include the new energy management system specifications.

Performance Goal: At least 1 specification sheet created.

2. Reduce energy consumption at City buildings, facilities, and related infrastructure as part of the Department of Energy's Better Buildings Challenge.

- a. Objective – Coordinate the installation of **energy efficient retrofit projects** (such as HVAC, lighting, and VFDs) at City buildings, facilities, and related infrastructure by using information obtained in section 1 above.

- i. Deliverable – Reduce building energy use through energy efficiency improvements and energy management efforts.

- b. Objective – Pursue current and emerging **energy efficiency financing options** to provide installation capital costs, which are not covered under existing incentive programs.

- i. Deliverable – Secure retrofit project financing, such as California Energy Commission loans, SDG&E On-Bill Financing, and/or CSCDA Sustainable Energy Bond Program (exact value dependent on identified retrofit project list).

Performance Goal: At least \$1,000,000 in financing issued (includes PACE financing thru “Community Energy Conservation & Upgrade Outreach” component below).

SDG&E PROVIDED DATA

To assist in accomplishing the objectives listed above, San Diego Gas & Electric will electronically provide the City (on a monthly basis) with energy data for Chula Vista municipal accounts, including:

- Account Number
- Service Address
- Energy Use
- Energy Demand
- Energy Costs
- Total Costs

TARGET AUDIENCE

To include: Municipal facility managers and support staff

SCHEDULE

- Jan – June ‘15: Host a green building training for staff
Identify energy-related building O&M best practices
- July – Dec ‘15: Secure financing & begin retrofit projects
Complete energy efficiency retrofit projects

BUDGET

| Program Name: Municipal Energy Management | | |
|---|------------------|-------------|
| Item | Program Budget | |
| | (\$) | (%) |
| Administrative Costs | - | - |
| Marketing/Outreach Costs | - | - |
| Incentive/Rebate Costs | - | - |
| Direct Implementation Costs | \$186,483 | 100% |
| Total | \$186,483 | 100% |

PROGRAM COMPONENT

Community Energy Conservation & Upgrade Outreach

CA-LTEESP SUPPORT

The City's Community Energy Conservation & Upgrade Outreach component will support the following CA Long-Term Energy Efficiency Strategic Plan goals:

4. Local governments lead their communities with innovative programs for energy efficiency, sustainability, and climate change.
5. Local government energy efficiency expertise becomes widespread and typical.

DESCRIPTION

The Community Energy Upgrade & Conservation Outreach program is designed to complement San Diego Gas & Electric's residential and commercial energy efficiency programs by providing trained City staff to engage and educate Chula Vista businesses, residents, and contractors about energy-saving opportunities. City staff are able to play a unique role in delivering energy efficiency programs to their community, both because their more proximate relationship with citizens, and because they are able to leverage other municipal services/processes to maximize outreach effectiveness.

GOALS, OBJECTIVES, & DELIVERABLES

1. Increase the business community's awareness about energy-saving opportunities and participation in available energy efficiency programs offered by SDG&E/CPUC.

- a. Objective – Trained staff will perform **free on-site energy evaluations** for Chula Vista businesses through the City's successful Free Resource & Energy Business Evaluation (FREBE) program. City staff will provide participants with an integrated energy audit, an overview of applicable SDG&E direct install, incentive, and financing programs, and assistance completing incentive and/or On-Bill Financing applications. City staff will also, whenever possible, acquire the SDG&E account number of the facility being evaluated.

- i. Deliverable – Develop energy and water evaluation reports for local businesses to generate and track immediate referrals for SDG&E core programs.

Performance Goal: At least 500 on-site business evaluations completed.

- ii. Deliverable – Survey participating businesses quarterly via online or mail to identify and better understand energy upgrade opportunities, SDG&E program interest, and customer satisfaction.

Performance Goal: At least 50% of respondents implementing at least 1 of the City's recommendations.

- b. Objective – As part of the business evaluations, City staff will specifically facilitate **low-cost energy efficiency solutions** and educate participants on new energy-saving technologies.

- i. Deliverable – Distribute "smart" power strips or similar low cost energy-saving devices (limit one per business during one year cycle) to help demonstrate the benefits of simple energy upgrades to businesses.

Performance Goal: At least 300 low cost energy-saving devices

Performance Goal: At least \$1,000,000 in financing issued (includes PACE financing thru “Community Energy Conservation & Upgrade Outreach” component below).

SDG&E PROVIDED DATA

To assist in accomplishing the objectives listed above, San Diego Gas & Electric will electronically provide the City (on a monthly basis) with energy data for Chula Vista municipal accounts, including:

- Account Number
- Service Address
- Energy Use
- Energy Demand
- Energy Costs
- Total Costs

TARGET AUDIENCE

To include: Municipal facility managers and support staff

SCHEDULE

- Jan – June ‘15: Host a green building training for staff
Identify energy-related building O&M best practices
- July – Dec ‘15: Secure financing & begin retrofit projects
Complete energy efficiency retrofit projects

BUDGET

| Program Name: Municipal Energy Management | | |
|---|------------------|-------------|
| Item | Program Budget | |
| | (S) | (%) |
| Administrative Costs | - | - |
| Marketing/Outreach Costs | - | - |
| Incentive/Rebate Costs | - | - |
| Direct Implementation Costs | \$186,483 | 100% |
| Total | \$186,483 | 100% |

PROGRAM COMPONENT

Community Energy Conservation & Upgrade Outreach

CA-LTEESP SUPPORT

The City's Community Energy Conservation & Upgrade Outreach component will support the following CA Long-Term Energy Efficiency Strategic Plan goals:

4. Local governments lead their communities with innovative programs for energy efficiency, sustainability, and climate change.
5. Local government energy efficiency expertise becomes widespread and typical.

DESCRIPTION

The Community Energy Upgrade & Conservation Outreach program is designed to complement San Diego Gas & Electric's residential and commercial energy efficiency programs by providing trained City staff to engage and educate Chula Vista businesses, residents, and contractors about energy-saving opportunities. City staff are able to play a unique role in delivering energy efficiency programs to their community, both because their more proximate relationship with citizens, and because they are able to leverage other municipal services/processes to maximize outreach effectiveness.

GOALS, OBJECTIVES, & DELIVERABLES

1. Increase the business community's awareness about energy-saving opportunities and participation in available energy efficiency programs offered by SDG&E/CPUC.

- a. Objective – Trained staff will perform **free on-site energy evaluations** for Chula Vista businesses through the City's successful Free Resource & Energy Business Evaluation (FREBE) program. City staff will provide participants with an integrated energy audit, an overview of applicable SDG&E direct install, incentive, and financing programs, and assistance completing incentive and/or On-Bill Financing applications. City staff will also, whenever possible, acquire the SDG&E account number of the facility being evaluated.

- i. Deliverable – Develop energy and water evaluation reports for local businesses to generate and track immediate referrals for SDG&E core programs.

Performance Goal: At least 500 on-site business evaluations completed.

- ii. Deliverable – Survey participating businesses quarterly via online or mail to identify and better understand energy upgrade opportunities, SDG&E program interest, and customer satisfaction.

Performance Goal: At least 50% of respondents implementing at least 1 of the City's recommendations.

- b. Objective – As part of the business evaluations, City staff will specifically facilitate **low-cost energy efficiency solutions** and educate participants on new energy-saving technologies.

- i. Deliverable – Distribute "smart" power strips or similar low cost energy-saving devices (limit one per business during one year cycle) to help demonstrate the benefits of simple energy upgrades to businesses.

Performance Goal: At least 300 low cost energy-saving devices

distributed.

- ii. Deliverable – Assist SDG&E in recruiting businesses into low cost, turnkey energy solution programs, such as Direct Install and Programmable Communicating Thermostat (PCT) services.

Performance Goal: At least 300 direct referrals sent to SDG&E core programs.

- c. Objective – Local businesses that are voluntarily incorporating energy efficiency and other sustainable practices into their operations will be recognized through the **Chula Vista CLEAN Business program**. The program, which is co-sponsored by the Chula Vista Chamber of Commerce and the Third Avenue Village Association, provides additional technical, marketing, and networking opportunities for these “early adopter” businesses (*co-funded*).

- i. Deliverable – Organize networking events and/or campaigns to share best practices and lesson learned among participants and to highlight newly available energy and sustainability programs.

Performance Goal: At least 4 events or campaigns organized with at least 50 businesses participating total.

- ii. Deliverable – Highlight exemplary businesses and other community members that are energy efficiency leaders through annual Chula Vista CLEAN Champion Awards under the auspices of the City’s Resource Conservation Commission.

Performance Goal: At least 4 businesses or community members recognized.

- iii. Deliverable – Transition participating businesses onto a new Regional Green Business web platform to better link identified energy efficiency opportunities with available SDG&E core programs.

Performance Goal: At least 200 businesses participating in program and utilizing new web platform to track their improvements.

- d. Objective – To **build momentum towards a local clean energy economy**, staff will work to retain and expand clean tech-oriented businesses in Chula Vista. Further, staff will work with current Chula Vista businesses to identify opportunities for new “green” products and service development (*co-funded*).

- i. Deliverable – Initiate recruitment initiatives for clean tech-oriented businesses and/or development projects, which also generate referrals for SDG&E’s energy efficiency core programs.

- ii. Deliverable – Promote business-to-business transactions between current clean tech-oriented businesses (and local supply enterprises supporting these businesses) through informal and formal networks, which also generate referrals for SDG&E’s core programs.

Performance Goal: At least 50 direct referrals sent to SDG&E core programs.

2. **Increase residents’ awareness about energy-saving opportunities and participation in energy efficiency programs such as Energy Upgrade California (EUC) and Energy Savings Assistance Program (ESAP).**

a. Objective – Trained staff will outreach to residents at **community events and through community-wide campaigns** to educate them on new energy efficiency technologies and available incentive and financing programs.

i. Deliverable – Participate in community events to provide an ongoing communication channel with community members.

Performance Goal: At least 50 events attended reaching over 50,000 attendees total.

ii. Deliverable – Organize community-wide campaigns (such as Cool California Challenge and the Georgetown University Energy Prize) and events (such as the Go Green & Clean Family Day), to promote each citizen’s important role in helping Chula Vista reach its energy and environmental goals.

Performance Goal: At least 2 campaigns and/or events organized reaching over 100,000 community members total.

iii. Deliverable – Distribute Therm Kits or similar low cost energy-saving devices (limit one per household) to help demonstrate the benefits of simple energy upgrades to homes.

Performance Goal: At least 100 low cost energy-saving devices distributed.

b. Objective – Through the Energy Lounge program, the Chula Vista Library’s facilities and services will be leveraged to **educate and enroll “hard to reach” residents** (such as older and low-income community members) in special energy assistance programs to help lower their utility bills.

i. Deliverable – Expansion of the City’s inventory of energy-related books, e-books, and tools, which are available for public circulation.

Performance Goal: At least 50 new energy-related books and resources added to circulation.

ii. Deliverable – Develop monthly energy messaging (utilizing the Energy Lounge digital signage and community board) to promote energy-saving tips and resources.

Performance Goal: At least 24 messages highlighted through signage, newsletters, or emails.

iii. Deliverable – Host quarterly adult and/or youth energy programs that include guest speakers, tool tips, story times, and screening of energy-themed movies at each major library location.

Performance Goal: At least 8 events organized with at least 150 residents participating total.

c. Objective – Through the Recreation Empower Hour program, the Chula Vista Recreation’s facilities and services will be leveraged to **educate children and teens on energy-saving behavior and concepts.**

distributed.

- ii. Deliverable – Assist SDG&E in recruiting businesses into low cost, turnkey energy solution programs, such as Direct Install and Programmable Communicating Thermostat (PCT) services.

Performance Goal: At least 300 direct referrals sent to SDG&E core programs.

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Performance Goal: At least 4 events or campaigns organized with at least 50 businesses participating total.

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Performance Goal: At least 50 events attended reaching over 50,000 attendees total.

ii. Deliverable – Organize community-wide campaigns (such as Cool California Challenge and the Georgetown University Energy Prize) and events (such as the Go Green & Clean Family Day), to promote each citizen's important role in helping Chula Vista reach its energy and environmental goals.

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Performance Goal: At least 50 new energy-related books and resources added to circulation.

ii. Deliverable – Develop monthly energy messaging (utilizing the Energy Lounge digital signage and community board) to promote energy-saving tips and resources.

Performance Goal: At least 24 messages highlighted through signage, newsletters, or emails.

iii. Deliverable – Host quarterly adult and/or youth energy programs that include guest speakers, tool tips, story times, and screening of energy-themed movies at each major library location.

Performance Goal: At least 8 events organized with at least 150 residents participating total.

c. Objective – Through the Recreation Empower Hour program, the Chula Vista Recreation's facilities and services will be leveraged to **educate children and teens on energy-saving behavior and concepts.**

- i. Deliverable – Organize after-school programs and participate in special events to provide activities (through the Rec & Roll vehicle) to inform and influence energy-saving behavior at home.
Performance Goal: At least 350 activities delivered reaching over 4,500 youth total.
- ii. Deliverable – Sponsor onsite school programs and special events (such as Summer Movie Nights) to promote energy-saving behavior and recruit participants into the Empower Hour’s after-school and Rec & Roll programs.
Performance Goal: At least 4 movie nights organized reaching over 400 community members total.
- iii. Deliverable – Conduct pre- and post-program learning assessments for youth participating in the Recreation Empower Hour, as well as conduct surveys of their parents to assess behavioral impacts at home.
Performance Goal: At least 60% of respondents improving their energy efficiency knowledge and/or adopting more sustainable behaviors.
- d. Objective – Trained staff will perform no cost **free on-site energy evaluations** for Chula Vista residents through the City’s successful Home Upgrade, Carbon Downgrade program. City staff will help to identify home energy performance issues, suggest possible solutions, and provide assistance with completing incentive and financing applications.
 - i. Deliverable – Develop Home Energy & Water Check-Up reports for residents to review potential energy and water-saving opportunities and to generate referrals for SDG&E core programs.
Performance Goal: At least 150 on-site home evaluations completed.
 - ii. Deliverable – Survey participating residents quarterly via online or mail to identify and better understand energy upgrade opportunities, SDG&E program interest, and customer satisfaction.
Performance Goal: At least 50% of respondents implementing at least one of the City evaluations’ recommendations.
- e. Objective – The City will help to **develop the local whole-home energy and water retrofit market by developing new policies through its Climate Action Plan update process and supporting local financing tools** in the community.
 - i. Deliverable – As part of the Climate Action Plan update process, develop potential policy and program options for expanded education, benchmarking, retrofit, and supplemental rebates for existing residential building stock (may also apply to commercial buildings).
Performance Goal: At least 3 programs and/or policies will be developed and presented to City Council for consideration.
 - ii. Deliverable – Leverage private-public partnership(s) to provide PACE

financing to single-family, multi-family, and commercial property owners in Chula Vista.

Performance Goal: At least \$1,000,000 in financing issued (includes municipal retrofits through “Municipal Energy Management”).

- f. **Objective** – In collaboration with the City’s Housing Division and South Bay Community Services, the City will provide **direct outreach and assistance to low and moderate-income homeowners** to facilitate whole-home energy retrofits through its “Green Homes for All” initiative (*co-funded*).

- i. **Deliverable** – Assist SDG&E in recruiting low-income households into no cost, turnkey energy solution programs, such as the Energy Savings Assistance Program.

Performance Goal: At least 50 direct referrals sent to SDG&E core programs.

- ii. **Deliverable** – Assist the Chula Vista Promise Neighborhood (a Department of Education-sponsored program) in integrating energy efficiency information into their community assistance services.

Performance Goal: At least 4 bilingual presentations provided at Promise Neighborhood meetings and/or Parent Resource Centers.

3. Expand energy-efficiency opportunities in neighboring communities through collaboration and peer-to-peer support as part of the South Bay Energy Action Collaborative (SoBEAC).

- a. **Objective** – Chula Vista will **assist South Bay jurisdictions in managing energy consumption and costs at their municipal facilities** by sharing lessons learned and providing technical support.

- i. **Deliverable** – Develop detailed energy efficiency improvement proposals for municipal sites.

Performance Goal: At least 4 municipal site proposals developed.

- b. **Objective** – Chula Vista will **assist South Bay jurisdictions in further integrating energy efficiency into development and planning processes.**

- i. **Deliverable** – Work with SDG&E to provide training sessions for municipal building and planning staff and/or provide in-house technical reviews on energy efficiency and sustainable building codes, technologies, and rebate programs.

Performance Goal: At least 6 in-house trainings conducted.

- ii. **Deliverable** – Create energy-related policies and programs as part of Climate Action Plan, General Plan, or Energy Roadmap implementation.

Performance Goal: At least 2 policies/programs developed for consideration.

- c. **Objective** – Chula Vista will **help South Bay jurisdictions educate their local community members on energy efficiency opportunities.**

- i. Deliverable – Organize after-school programs and participate in special events to provide activities (through the Rec & Roll vehicle) to inform and influence energy-saving behavior at home.
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Performance Goal: At least 2 policies/programs developed for consideration.

c. **Objective** – Chula Vista will **help South Bay jurisdictions educate their local community members on energy efficiency opportunities.**

| Program Name: Community Energy Conservation & Upgrade Outreach | | |
|---|------------------|-------------|
| Item | Program Budget | |
| | (\$) | (%) |
| Administrative Costs | - | - |
| Marketing/Outreach Costs | \$93,815 | 12% |
| Direct Implementation Costs | \$684,525 | 88% |
| Total | \$778,340 | 100% |

PROGRAM COMPONENT

Sustainable Communities

CA-LTEESP SUPPORT

The City's Sustainable Communities component will support the following CA Long-Term Energy Efficiency Strategic Plan goals:

1. Local governments lead adoption and implementation of "reach" codes stronger than Title 24, on both mandatory basis and voluntary bases.
2. Strong support from local governments for energy code compliance enforcement.
5. Local government energy efficiency expertise becomes widespread and typical.

DESCRIPTION

Building upon the current program, the Chula Vista Sustainable Communities Program (SCP) will further City staff's expertise in energy conservation and green building principles, with the goal of infusing sustainable practices into every level of the planning and building process. Staff will promote these principles to customers engaged in the municipal permit and construction approval process through the City's website, on the phone, and in person at the Public Services Building. Under the SCP, the Development Services Department will also investigate and update their existing programs, guidelines, and regulations to reflect the advances that have been made in both the green building and energy conservation aspects of community and project-level site planning and to coordinate these activities with new energy-related programs.

GOALS, OBJECTIVES, & DELIVERABLES

1. **Improve the energy performance of new development and buildings through standards and codes that emphasize sustainable design and construction and support progress towards statewide Zero Net Energy building goals.**
 - a. Objective – The City will develop local approaches and standards for achieving **increased energy efficiency at the community-planning scale and site-planning scale.**

| Program Name: Community Energy Conservation & Upgrade Outreach | | |
|---|------------------|-------------|
| Item | Program Budget | |
| | (\$) | (%) |
| Administrative Costs | - | - |
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GOALS, OBJECTIVES, & DELIVERABLES

1. **Improve the energy performance of new development and buildings through standards and codes that emphasize sustainable design and construction and support progress towards statewide Zero Net Energy building goals.**
 - a. Objective – The City will develop local approaches and standards for achieving **increased energy efficiency at the community-planning scale and site-planning scale.**

and offer one-on-one guidance to community members and Development Services staff.

Performance Goal: At least 50 days of staffing at the Sustainability Desk.

- iv. Deliverable – Provide support to the local development community on SDG&E new construction programs such as California Advanced Homes and Savings By Design.

Performance Goal: At least 2 trainings organized with at least 50 attendees total.

3. Increase compliance and enforcement of new California Energy and Green Building codes along with the “reach” codes (if applicable) adopted by the Chula Vista City Council.

- a. Objective – Provide additional **verification that energy efficiency and green building requirements are being properly met.**

- i. Deliverable - Perform secondary audits on all types of construction projects (residential, commercial, and industrial) to confirm compliance with energy efficiency requirements and to ensure proper installation and inspection procedures were performed.

Performance Goal: At least 10 secondary audits performed total.

SDG&E PROVIDED DATA

To assist in accomplishing the objectives listed above, San Diego Gas & Electric will electronically provide the City (on a quarterly basis) with program participation data for Chula Vista residential and commercial customers, including:

- Customer Name
- Account Number
- Service Address
- Programs
- Measures Implemented
- Energy Savings (kWh, kW, & Therms)

TARGET AUDIENCE

To include: Development Services Department personnel (including Plan Check, Permit Counter, & Building Inspection staff), builders, developers, and community members.

SCHEDULE

- Jan – Dec '15 Continue public education & technical support
Provide permit counter support for energy code compliance
Present community-scale modeling tool & related policy
Evaluate recommendations for community-scale standards
- Jan – Apr '15 Evaluate potential for new “reach” code

- i. Deliverable – Develop recommendations for energy-efficient community and site planning standards and incentives for City Council consideration.
Performance Goal: At least 1 policy/program developed and presented to City Council for consideration.
 - b. Objective – Based on SDG&E’s cost-effectiveness study results, the City will analyze the feasibility of updating its **Energy Efficiency and Green Building “reach” codes** to exceed state standards to complement statewide Zero Net Energy initiatives.
 - i. Deliverable – Develop Enhanced Energy Efficiency and Green Building Ordinances for City Council consideration, if deemed cost-effective.
Performance Goal: At least 1 policy/program developed and presented to City Council for consideration.
2. **Increase developers and permit applicants’ awareness of energy-saving opportunities related to new construction and major renovation projects and their participation in available energy efficiency programs.**
- a. Objective – Chula Vista will provide **direct education to developers, permit applicants, and Development Services Department staff** on energy efficiency codes, emerging technologies, and SDG&E incentive programs.
 - i. Deliverable – Produce development-related educational materials via digital forms, handouts, process guides, checklists, and information links.
Performance Goal: At least 12 educational materials created and distributed.
 - b. Objective – Chula Vista will provide **technical support to developers, permit applicants, and Development Services Department staff** on energy efficiency codes, mandatory & voluntary green building standards, emerging technologies, and SDG&E incentive programs.
 - i. Deliverable – Provide regular in-house trainings to Development Services staff on the City’s “reach” codes (if applicable), voluntary CalGreen Tier 2 incentive program, and California Energy and Green Building codes.
Performance Goal: At least 6 trainings organized with at least 100 attendees total (can include other South Bay cities staff).
 - ii. Deliverable – Provide support during construction on jobsites and at the permit counter to explain and aid compliance with the current and new California Green Building and Energy codes, and locally-adopted “reach” codes (if applicable) and expedited permitting incentive programs.
Performance Goal: At least 25 one-on-one meetings with developers and/or contractors.
 - iii. Deliverable – Provide staffing at the City’s “Sustainability Desk” during public counter hours and by appointment to answer questions

and offer one-on-one guidance to community members and Development Services staff.

Performance Goal: At least 50 days of staffing at the Sustainability Desk.

- iv. Deliverable – Provide support to the local development community on SDG&E new construction programs such as California Advanced Homes and Savings By Design.

Performance Goal: At least 2 trainings organized with at least 50 attendees total.

3. Increase compliance and enforcement of new California Energy and Green Building codes along with the “reach” codes (if applicable) adopted by the Chula Vista City Council.

- a. Objective – Provide additional **verification that energy efficiency and green building requirements are being properly met.**

- i. Deliverable - Perform secondary audits on all types of construction projects (residential, commercial, and industrial) to confirm compliance with energy efficiency requirements and to ensure proper installation and inspection procedures were performed.

Performance Goal: At least 10 secondary audits performed total.

SDG&E PROVIDED DATA

To assist in accomplishing the objectives listed above, San Diego Gas & Electric will electronically provide the City (on a quarterly basis) with program participation data for Chula Vista residential and commercial customers, including:

- Customer Name
- Account Number
- Service Address
- Programs
- Measures Implemented
- Energy Savings (kWh, kW, & Therms)

TARGET AUDIENCE

To include: Development Services Department personnel (including Plan Check, Permit Counter, & Building Inspection staff), builders, developers, and community members.

SCHEDULE

- Jan – Dec '15 Continue public education & technical support
Provide permit counter support for energy code compliance
Present community-scale modeling tool & related policy
Evaluate recommendations for community-scale standards
- Jan – Apr '15 Evaluate potential for new “reach” code

BUDGET

| Program Name: Sustainable Communities Program | | |
|---|------------------|-------------|
| Item | Program Budget | |
| | (\$) | (%) |
| Administrative Costs | - | - |
| Marketing/Outreach Costs | - | - |
| Direct Implementation Costs | \$352,404 | 100% |
| Total | \$352,404 | 100% |

PROGRAM COMPONENT

San Diego Regional Energy Partnership

CA-LTEESP SUPPORT

The San Diego Regional Energy Partnership component will support the following CA Long-Term Energy Efficiency Strategic Plan goals:

1. Local governments lead adoption and implementation of "reach" codes stronger than Title 24, on both mandatory basis and voluntary bases.
3. Local governments lead by example with their own facilities.
4. Local governments lead their communities with innovative programs for energy efficiency, sustainability, and climate change.
5. Local government energy efficiency expertise becomes widespread and typical.

DESCRIPTION

Local Governments in San Diego County have been successfully collaborating with each other and with SDG&E on joint energy efficiency initiatives over the last 6 years as part of the Local Government Partnership programs and as part of federal stimulus-funded activities related to energy efficiency. These agencies are now formalizing this "network" through creation of the San Diego Regional Energy Partnership (SDREP). The SDREP will be led by a "Local Government Steering Committee" with representatives from the City of Chula Vista, City of San Diego, County of San Diego, Port of San Diego, and San Diego Association of Governments (representing smaller jurisdictions), in close collaboration with San Diego Gas & Electric and other regional partners.

GOALS, OBJECTIVES, & DELIVERABLE

1. Further develop and support regional Energy Upgrade California (EUC) implementation and the broader existing home retrofit market to facilitate "deep energy retrofits" (both in terms of high energy savings and untapped markets in existing residential buildings).

- a. Objective – SDREP will conduct **outreach and coordination with the local real estate community** to pursue adoption of a “Green” MLS to help capture market value for home energy performance.
- b. Objective – SDREP will expand current **regional energy mapping efforts** to include the creation of break-out maps and an updated residential map to help inform local governments’ home energy retrofit efforts.
- c. Objective – SDREP will support **energy efficiency outreach and education** across the San Diego region through community workshops/events and employee-based “home energy coaching.”

**Specific deliverables & performance metrics will be captured in consultant contracts.*

2. Further assist local governments and communities in the San Diego region with understanding and implementing climate action strategies, especially related to energy efficiency.

- a. Objective – SDREP will continue to support the **Climate Collaborative website and network** to expand jurisdictional participation and highlight climate strategies that produce direct and indirect energy savings.
- b. Objective – SDREP will recruit new community partners and businesses into the **Regional Green Business Program** to facilitate and recognize their energy efficiency efforts.
- c. Objective – SDREP will develop case studies and host webinars on local government best practices, as identified in the Zero Net Energy (ZNE) Roadmap, to support ongoing **progress towards ZNE building goals**.

**Specific deliverables & performance metrics will be captured in consultant contracts.*

TARGET AUDIENCE

To include: Municipal facility, energy management, planning, and support staff across the region.

SCHEDULE

The SDREP encompasses various programs and projects implemented in coordination with regional partners. Therefore, each of the specific SDREP programs and projects would be guided by their own individual timeline.

BUDGET

| Program Name: Regional Collaboration | | |
|---|------------------|-------------|
| Item | Program Budget | |
| | (\$) | (%) |
| Administrative Costs | \$10,000 | 10% |
| Marketing/Outreach Costs | - | - |
| Direct Implementation Costs | \$90,000 | 90% |
| Total | \$100,000 | 100% |

BUDGET

| Program Name: Sustainable Communities Program | | |
|---|------------------|-------------|
| Item | Program Budget | |
| | (\$) | (%) |
| Administrative Costs | - | - |
| Marketing/Outreach Costs | - | - |
| Direct Implementation Costs | \$352,404 | 100% |
| Total | \$352,404 | 100% |

PROGRAM COMPONENT

San Diego Regional Energy Partnership

CA-LTEESP SUPPORT

The San Diego Regional Energy Partnership component will support the following CA Long-Term Energy Efficiency Strategic Plan goals:

1. Local governments lead adoption and implementation of “reach” codes stronger than Title 24, on both mandatory basis and voluntary bases.
3. Local governments lead by example with their own facilities.
4. Local governments lead their communities with innovative programs for energy efficiency, sustainability, and climate change.
5. Local government energy efficiency expertise becomes widespread and typical.

DESCRIPTION

Local Governments in San Diego County have been successfully collaborating with each other and with SDG&E on joint energy efficiency initiatives over the last 6 years as part of the Local Government Partnership programs and as part of federal stimulus-funded activities related to energy efficiency. These agencies are now formalizing this “network” through creation of the San Diego Regional Energy Partnership (SDREP). The SDREP will be led by a “Local Government Steering Committee” with representatives from the City of Chula Vista, City of San Diego, County of San Diego, Port of San Diego, and San Diego Association of Governments (representing smaller jurisdictions), in close collaboration with San Diego Gas & Electric and other regional partners.

GOALS, OBJECTIVES, & DELIVERABLE

1. Further develop and support regional Energy Upgrade California (EUC) implementation and the broader existing home retrofit market to facilitate “deep energy retrofits” (both in terms of high energy savings and untapped markets in existing residential buildings).

- a. Objective – SDREP will conduct **outreach and coordination with the local real estate community** to pursue adoption of a “Green” MLS to help capture market value for home energy performance.
- b. Objective – SDREP will expand current **regional energy mapping efforts** to include the creation of break-out maps and an updated residential map to help inform local governments’ home energy retrofit efforts.
- c. Objective – SDREP will support **energy efficiency outreach and education** across the San Diego region through community workshops/events and employee-based “home energy coaching.”

**Specific deliverables & performance metrics will be captured in consultant contracts.*

2. Further assist local governments and communities in the San Diego region with understanding and implementing climate action strategies, especially related to energy efficiency.

- a. Objective – SDREP will continue to support the **Climate Collaborative website and network** to expand jurisdictional participation and highlight climate strategies that produce direct and indirect energy savings.
- b. Objective – SDREP will recruit new community partners and businesses into the **Regional Green Business Program** to facilitate and recognize their energy efficiency efforts.
- c. Objective – SDREP will develop case studies and host webinars on local government best practices, as identified in the Zero Net Energy (ZNE) Roadmap, to support ongoing **progress towards ZNE building goals**.

**Specific deliverables & performance metrics will be captured in consultant contracts.*

TARGET AUDIENCE

To include: Municipal facility, energy management, planning, and support staff across the region.

SCHEDULE

The SDREP encompasses various programs and projects implemented in coordination with regional partners. Therefore, each of the specific SDREP programs and projects would be guided by their own individual timeline.

BUDGET

| Program Name: Regional Collaboration | | |
|---|-----------------------|-------------|
| Item | Program Budget | |
| | (\$) | (%) |
| Administrative Costs | \$10,000 | 10% |
| Marketing/Outreach Costs | - | - |
| Direct Implementation Costs | \$90,000 | 90% |
| Total | \$100,000 | 100% |

PROGRAM COMPONENT

Partnership Management & Administration

DESCRIPTION

The program is coordinated and administered by two central City staff members (Manager & Administrative Assistant) to improve efficiency, effectiveness, and communication between all parties. The staff member also serves as a direct contact for SDG&E program managers.

GOALS, OBJECTIVES, & DELIVERABLE

1. **Support successful implementation of the Chula Vista Local Government Partnership to remain within the proposed timeline and budget.**
 - a. Objective – The Partnership Administration team will ensure that all parties are coordinating closely and frequently.
 - i. Deliverable – Organize quarterly coordination meetings to provide updates on implementation progress and next steps.
 - ii. Deliverable – Complete quarterly invoices and reports in addition annual reports and Strategic Plan updates.

TARGET AUDIENCE

To include: City and SDG&E staff involved in the Chula Vista Local Government Partnership.

SCHEDULE

- Jan – Dec '15 Organize quarterly coordination meetings
 Complete quarterly invoices & reports

BUDGET

| Program Name: Partnership Management & Administration | | |
|---|------------------|-------------|
| Item | Program Budget | |
| | (\$) | (%) |
| Administrative Costs | \$146,358 | 100% |
| Marketing/Outreach Costs | - | - |
| Direct Implementation Costs | - | - |
| Total | \$146,358 | 100% |

