

**2013-2015 Energy Efficiency Programs
Local Government Partnership Program
Program Implementation Plan**

1. **Program Name:** North Orange County Cities
Program ID: SCG 3801
Program Type: Local Government Partnership

2. **Program Element Description and Implementation Plan**

a) **List of program elements:**

The three core program elements are similar to those identified in the Master Program Implementation Plan (PIP):

- Element A - Core Program - Government Facilities,
- Element B - Strategic Plan Activities, and;
- Element C - Core Program Coordination.

b) **Overview:**

The North Orange County Cities (NOCC) of Brea, Buena Park, Fullerton, La Habra, Orange, Placentia and La Palma propose to form an Energy Efficiency (EE) Partnership with Southern California Gas Company (SoCalGas) and Southern California Edison (SCE). This cluster of cities represents a population of nearly half a million residents. These communities share similar environmental challenges, economic challenges and opportunities, and diverse cultures.

The three core program elements are consistent with other state-wide Local Government Partnerships: Government Facilities, Strategic Plan Activities, and Core Program Coordination. The Partnership will focus on achieving EE through SoCalGas core programs and behavioral change in the residential, non-residential and municipal sectors. Through this framework, the partnership program supports local governments that are willing to commit to and sustain the appropriate level of participation and resources to effectively initiate programs that address the main issue areas for local government action that are identified in the California Long-Term Energy Efficiency Strategic Plan (CLEESP).

Core Program Element A - Government Facilities

A.1. Retrofit of county and municipal facilities

The Partnership will identify comprehensive EE deep retrofits in municipal facilities which will be funneled to SoCalGas rebate and incentive programs. Potential opportunities for energy savings through deep retrofits include but are not limited to projects which combine two of the following: HVAC, Controls, Retro Commissioning, hot water heating, lighting, vending machines, and computer networks. The partnership will work toward a savings target of 10,000 therms in municipal facilities which will be captured in the SoCalGas core programs.

A.2. Retro-commissioning (of buildings and clusters of buildings)

The cities are including this means of achieving significant energy savings in their

**2013-2015 Energy Efficiency Programs
Local Government Partnership Program
Program Implementation Plan**

plans. See A.1. above.

A.3. Integrating Demand Response into the audits

SoCalGas will coordinate with SCE to help promote participation in demand response programs. Integrated EE/DR audits will be conducted in eligible facilities as needed.

A.4. Technical Assistance for project management, training, audits, etc.

Each partnership has a specific budget for each of these activities.

A.5. On-Bill Financing (OBF)

Cities in the partnership will be encouraged to maximize the use of OBF to the extent that funding is available by the utility.

Core Program Element B - Strategic Plan Support

B.1. Code Compliance Support

The Partnership will support the individual partner cities as they examine ways of increasing compliance with existing codes. Increased enforcement can result in substantial energy savings and greenhouse gas (GHG) emissions. The Partnership will provide training, technical assistance, and additional support from SoCalGas' Codes and Standards (C&S) Program to build local government capacity to address code compliance issues in coordination with SCE.

B.2. Reach Code

The partnership will explore establishing meaningful CEC-approved Reach codes as part of its effort to add value to EE in alignment with the strategies stated in the Master PIP. This activity will follow the proposed path described in the Codes & Standards PIP.

B.3. Guiding Document(s) Support

The North Orange County Cities Partnership will develop a Strategic Energy Plan that includes long- and short-term energy and sustainability objectives in line with the adopted Strategic Plan and the Strategic Menu. The Partnership will make available any documents it develops that support the execution of its partnership activities and will participate in Peer-to-Peer sharing.

B.4. Financing for the community

The city will not be in a position to offer such financing. However, it is aware of the opportunities for financing provided by AB 811 and will explore the possibilities it represents to the partnership.

B.5. Peer to Peer Support

The Partnership will participate in SoCalGas and SCE sponsored Peer-to-Peer events.

**2013-2015 Energy Efficiency Programs
Local Government Partnership Program
Program Implementation Plan**

Core Program Element C - Core Program Coordination

C.1. Outreach and Education

The partnership has specifically allocated a portion of its budget to outreach and education. Some cities already have a monthly newsletter which goes out to every resident which cities will use to integrate EE messaging to influence residents to become more energy-wise and to participate in EE programs. The Partners will integrate EE messaging into their web sites and outreach tools.

C.2. Residential and Small Business Direct Install

There are no activities planned for direct install in homes and businesses at through the partnership this time by SCG . However, outreach will be done in the community to create awareness of energy services and programs as mentioned in C.1.

C.3. Third-party Program Coordination

The Partnership will execute community events appropriate for a third party contractors to execute program offerings.

C.4. Retrofits for just-above ESA-qualified customers.

The Partnership will coordinate with the income qualified programs to address the needs of the communities.

C.5. Technical assistance for program management, training, audits

The partnership will provide training and information to the city and its community and will coordinate technical assistance, from other programs as described in the Master PIP.

c) Non-incentive services

The partnership will build Marketing, Education & Outreach (ME&O) portfolio of activities to increase community enrollment in energy core programs. The portfolio will include other SoCalGas services, resources, and assets brought to support the ME&O Plan, including:

- SoCalGas' Account Manager/Executive support;
- SoCalGas' Energy Resource Center (ERC) training;
- Providing limited giveaways (*for example*, opportunity drawings and energy kits); and
- Providing marketing, design, and printing of brochures and other collateral materials

d) Target audience

- City facilities, city and county staff and management, and policymakers (elected officials);

**2013-2015 Energy Efficiency Programs
Local Government Partnership Program
Program Implementation Plan**

- Other regional governmental agencies that are not direct participants in the partnership; and
- Residential and business customers.

3. Program Element Rationale and Expected Outcome

a) Quantitative Baseline and Market Transformation Information

	Baseline Metric		
	Metric A	Metric B	Metric C
Program/Element	N/A	N/A	N/A

Refer to the overarching PIP section

b) Market Transformation Information

	Market Transformation Planning Estimates
Program/Element	2015
Metric A	N/A
Metric B	N/A
Metric B	N/A
Etc.	N/A

Refer to the overarching PIP section

c) Program Design to Overcome Barriers

In this Partnership, the barriers and strategies to overcome them are the traditional resource barriers of expertise and funding as outlined in the Master PIP.

d) Statement of Compliance with Deep Retrofits Mandate for New and Expanded Partnerships

The newly proposed SoCalGas and SCE partnership will have a special emphasis on Deep Retrofit targets, which will have the partnership demonstrate the installation of one or more measures from the following menu A project may also be defined across IOU's (e.g., joint SoCalGas and SCE project):

HVAC solutions	Refrigeration solutions*
Targeted Advanced-technology Lighting solutions (i.e., LED)*	Water-Energy nexus solutions
Water Heating	Retro Commissioning
Combined electricity and gas measures	
Process Solutions	

**2013-2015 Energy Efficiency Programs
Local Government Partnership Program
Program Implementation Plan**

*Identifies electric measures which are applicable to SCE only and SoCalGas will not provide incentives for these measures.

4. Other Program Element Attributes

a) **Best Practices**

Same as outlined in the Master PIP.

b) **Innovation**

The partnership will collaborate with its municipal participants, including school districts and special districts, to develop renewable energy strategies for reducing energy costs and improving energy efficiency. The partnership plan calls for a heavy emphasis on community events in order to:

- Exhibit EE programs and practices;
- Conduct energy code training;
- Promote whole-building performance to get better space conditioning;
- Coordinate emerging “green” or sustainability standards; and
- Encourage the community to take full advantage of SoCalGas’ core programs.

c) **Interagency Coordination**

An objective for 2015 and beyond is to leverage the strength of SoCalGas and SCE’s relationships with the other partnership cities. The Partnership will also coordinate extensively with local Water District(s) and Waste Management to provide integrated education programs.

d) **Integrated/coordinated Demand-Side Management**

The Partnership will pursue necessary and cost-effective DSM opportunities as identified in the Master PIP.

e) **Integration across resource types (energy, water, air quality, etc.)**

The Partnership promotes comprehensive sustainability, including water conservation and solid waste management as it relates to utility energy elements.

f) **EM&V**

The utilities are proposing to work with the Energy Division to develop and submit a comprehensive EM&V Plan for 2013 - 2014 after the program implementation plans are filed. This will include process evaluations and other program-specific studies within the context of broader utility and Energy Division (ED) studies. More detailed plans for process evaluation and other program-specific evaluation efforts cannot be developed until after the final program design is approved by the CPUC and in many cases after program implementation has begun, since plans need to be based on identified program design and implementation issues.

5. Partnership Program Advancement of Strategic Plan Goals and Objectives

**2013-2015 Energy Efficiency Programs
Local Government Partnership Program
Program Implementation Plan**

Strategic Plan Strategy	Program Approach to Achieving Strategic Plan Goal
1-1: Develop, adopt and implement model building energy codes (and/or other green codes) more stringent than Title 24's requirements, on both a mandatory and voluntary basis; adopt one or two additional tiers of increasing stringency.	Need to coordinate menu items with SCE
1-2: Establish expedited permitting and entitlement approval processes, fee structures and other incentives for green buildings and other above-code developments.	
1-3: Develop, adopt and implement model point-of-sale and other point-of transactions relying on building ratings.	
1-4: Create assessment districts or other mechanisms so property owners can fund EE through city bonds and pay off on property taxes; develop other EE financing tools.	
1-5: Develop broad education program and peer-to-peer support to local govt's to adopt and implement model reach codes	
1-6: Link emission reductions from "reach" codes and programs to ARB's AB 32 program	Need to coordinate with SCE
2-2: Dramatically improve compliance with and enforcement of Title 24 building code, and of HVAC permitting and inspection requirements (including focus on peak load reductions in inland areas).	
2-3: Local inspectors and contractors hired by local governments shall meet the requirements of the energy component of their professional licensing (as such energy components are adopted).	
3-1: Adopt specific goals for efficiency of local government buildings, including:	
3-2: Require commissioning for new buildings, and re-commissioning and retro-commissioning of existing buildings.	

**2013-2015 Energy Efficiency Programs
Local Government Partnership Program
Program Implementation Plan**

Strategic Plan Strategy	Program Approach to Achieving Strategic Plan Goal
3-4: Explore creation of line item in local government budgets or other options that allow EE cost savings to be returned to the department and/or projects that provided the savings to fund additional efficiency.	
3-5: Develop innovation Incubator that competitively selects initiatives for inclusion in LG pilot projects.	
4-1: Local governments commit to clean energy/climate change leadership.	
4-2: Use local governments' general plan energy and other elements to promote energy efficiency, sustainability and climate change.	
4-4: Develop local projects that integrate EE/DSM/water/wastewater end use	
4-5: Develop EE-related "carrots" and "sticks" using local zoning and development authority	