

**ATTACHMENT 5**

**UTILITY LOCAL PROGRAM DESCRIPTIONS**

## 2004 2005 UTILITY LOCAL PROGRAMS

### 1. Pacific Gas & Electric Company (PG&E) Energenius - 1132-04

|                                   |                                                                                                                                           |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PROGRAM IMPLEMENTER(S):</b>    | PG&E                                                                                                                                      |
| <b>PROPOSED SUBCONTRACTOR(S):</b> | Subcontractors to support curriculum development, new materials development and marketing will be selected through a request for proposal |
| <b>IOU SERVICE TERRITORY:</b>     | PG&E – 1132-04                                                                                                                            |
| <b>GEOGRAPHIC AREA:</b>           | PG&E Service Territory                                                                                                                    |
| <b>TARGET MARKET:</b>             | K-8 <sup>th</sup> grade teachers / HTR focus in rural areas                                                                               |
| <b>APPROVED BUDGET</b>            | \$1,093,488                                                                                                                               |

#### **PROGRAM DESCRIPTION:**

The Energenius program educates students, teachers, energy management staff, custodial staff, and parents on energy efficiency and electric and gas safety that helps shape their energy use behavior at home, at school and at work. The 2004-2005 program includes kindergarten through eighth grade curricula and builds on the current Energenius structure consisting of five Educational Series of complete curricula on energy efficiency and gas and electric safety. Two changes to the program for 2004-05 incorporate recommendations from teachers, including the addition of a high school lighting audit and training component and piloting a give-away program of compact fluorescent lamps to participating students who are doing a take-home survey with their parents.

#### **PROGRAM MODIFICATIONS:**

None.

#### **PROGRAM BUDGETS AND TARGETS:**

2004-2005 targets include: (1) Distribute 60,000 student packets to teachers; (2) 20,000 participating students will be from geographically HTR areas; (3) Distribute six teacher newsletters; (4) Visit 20 County Offices of Education / Environmental Center (5) Implement a pilot CFL project to 4,000 students

The budget has been reduced by \$95,856

## 2. Pacific Gas & Electric Company (PG&E) School Resources Program (SRP) – 1129-04

|                                   |                                                    |
|-----------------------------------|----------------------------------------------------|
| <b>PROGRAM IMPLEMENTER(S):</b>    | PG&E                                               |
| <b>PROPOSED SUBCONTRACTOR(S):</b> |                                                    |
| <b>IOU SERVICE TERRITORY:</b>     | PG&E                                               |
| <b>GEOGRAPHIC AREA:</b>           | Central Valley and Coastal areas (North & Central) |
| <b>TARGET MARKET:</b>             | K-12                                               |
| <b>APPROVED BUDGET</b>            | \$2,152,168                                        |

### PROGRAM DESCRIPTION:

This is an enhanced version of 2003 SRP information program. It has three components: (1) Resource Conservation and Management that provides direct assistance to school districts in energy use analysis, development of an implementation plan, design reviews of new school facilities, retrofit recommendations for existing school buildings, and energy information management activities; (2) Information and Education Workshops for school district business officers, facility managers, custodial and food service staff, teachers and students; (3) Relocatable Classroom Retrofit Pilot that designs and implements a demonstration and direct installation pilot program to retrofit both portable and tilt-up relocatable classrooms with higher efficiency lighting, HVAC systems, daylighting systems, controls and envelope improvements to significantly reduce electricity and gas consumption and utility bills.

### PROGRAM MODIFICATION:

As part of the program implementation plan, submit a revised 2004-05 table that reflects only goals funded by PGC; do not include goals funded by CEC Bright Schools. The budget is adjusted closer to last year's budget and to reflect the available budget in PG&E service territory. Various expenses may need to be adjusted but we expect PG&E to make adjustments in administrative rather than direct implementation costs.

### PROGRAM TARGETS:

#### Student Resources Program (SRP) Goals for 2004-05

| Activity               | Goal |
|------------------------|------|
| School District Served | 100  |

|                                              |     |
|----------------------------------------------|-----|
| Workshops Conducted                          | 42  |
| District-Wide Benchmarking Studies           | 24  |
| District-Wide Energy Audits                  | 20* |
| RCM Technical & Mgt. Assistance to Districts | 30  |
| Relocatable Classroom Retrofits              | 166 |

\*Includes audits funded by CEC Bright Schools. Minimum expectations, pending finalization of implementation plan.

### 3. Pacific Gas & Electric Company (PG&E) Pacific Energy Center – 1130-04

|                                   |                     |
|-----------------------------------|---------------------|
| <b>PROGRAM IMPLEMENTER(S):</b>    | PG&E                |
| <b>PROPOSED SUBCONTRACTOR(S):</b> |                     |
| <b>IOU SERVICE TERRITORY:</b>     | PG&E – 1130-04      |
| <b>GEOGRAPHIC AREA:</b>           | Northern California |
| <b>TARGET MARKET:</b>             | Crosscutting        |
| <b>APPROVED BUDGET</b>            | <b>\$ 7,301,723</b> |

#### PROGRAM DESCRIPTION:

The Pacific Energy Center (PEC), located in San Francisco, provides a forum for training and education for energy efficiency and other energy related matters. The PEC also provides demonstrations of various energy efficiency measures and tools. The PEC hosts training and education for contractors, architects, energy consumers, and any interested members of the public.

#### PROGRAM BUDGETS AND TARGETS:

|                 | <b>Program Budget</b> | <b>Energy Reduction Targets (kWh)</b> | <b>Demand Reduction Targets (kW)</b> | <b>Energy Reduction Targets (Therms)</b> | <b>Hard-to-Reach Targets</b> |
|-----------------|-----------------------|---------------------------------------|--------------------------------------|------------------------------------------|------------------------------|
| <b>PG&amp;E</b> | \$ 7,301,723          | NA                                    | NA                                   | NA                                       |                              |

### 4. Pacific Gas & Electric Company (PG&E) Local Crosscutting Food Service Technology Center – 1131-04

|                                   |                                                                                         |
|-----------------------------------|-----------------------------------------------------------------------------------------|
| <b>PROGRAM IMPLEMENTER(S):</b>    | Pacific Gas and Electric Company                                                        |
| <b>PROPOSED SUBCONTRACTOR(S):</b> | Fisher Nickel, Inc.<br>Architectural Energy Corporation                                 |
| <b>IOU SERVICE TERRITORY:</b>     | PG&E – 1131-04                                                                          |
| <b>GEOGRAPHIC AREA:</b>           | PG&E service territory with special targeting efforts in transmission constrained area. |
| <b>TARGET MARKET:</b>             | Nonresidential food service operators                                                   |
| <b>APPROVED BUDGET</b>            | <b>\$ 3,268,266</b>                                                                     |

**PROGRAM DESCRIPTION:**

The Food Services Technology Center (Center) serves nonresidential customers with food service operations, including small, individually owned hard-to-reach restaurants, large chain restaurants, grocery stores that perform substantial cooking and food preparation, the hospitality industry, and institutional food service operations. It provides the commercial food service sector with impartial, reliable, and useful information that stimulates the energy-efficient design and operation of commercial food service facilities. The program actively engages and influences manufacturers, distributors, code officials, and professional associations, all in order to fulfill its primary mission of serving end-use customers.

**PROGRAM MODIFICATIONS:**

Since 1987, the Center is recognized as the leading source of unbiased, objective information on energy use in nonresidential food service operations in California. Fisher-Nickel Inc. operated the Center in PY 2002 and 2003 as a non-utility third party program. PG&E is continuing the program for PY 2004–2005 as an information-only local utility program, consistent with Center operations for the first sixteen years of the program (from 1987–2002). However, PG&E plans to operate the Center under contract to Fisher-Nickel, Inc.

**PROGRAM BUDGETS AND TARGETS:**

|  | <b>Program Budget</b> | <b>Energy Reduction Targets* (kWh)</b> | <b>Demand Reduction Targets* (kW)</b> | <b>Energy Reduction Targets* (Therms)</b> | <b>Other Targets</b> |
|--|-----------------------|----------------------------------------|---------------------------------------|-------------------------------------------|----------------------|
|  | <b>\$ 3,268,266</b>   | <b>NA</b>                              | <b>NA</b>                             | <b>NA</b>                                 | <b>See plan</b>      |

\*Minimum expectations based upon reduced budget, and pending program implementation plan finalization.

**5. PG&E Long-Term Procurement Plan - 1353-04**

|                                   |                                                                                                                                                  |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PROGRAM IMPLEMENTER(S):</b>    | PG&E                                                                                                                                             |
| <b>PROPOSED SUBCONTRACTOR(S):</b> | Subcontractors for the procurement programs are the same as for the individual program elements (see below)                                      |
| <b>IOU SERVICE TERRITORY:</b>     | <b>Procurement</b><br>PG&E – 1353-04                                                                                                             |
| <b>GEOGRAPHIC AREA:</b>           | PG&E Service Territory                                                                                                                           |
| <b>TARGET MARKET:</b>             | Residential and Nonresidential customers with a technology measures and programs that reduce peak demand e.g., AC programs, HVAC, Lighting, etc. |
| <b>APPROVED BUDGET</b>            | <b>Procurement</b><br><b>\$ 75,000,000</b>                                                                                                       |

**PROGRAM DESCRIPTION:**

This plan is in direct response to the Commission’s directive in R.01-08-024 to include energy efficiency in PG&E’s procurement plans. The plan is aligned to meeting specific PG&E customer loads given the utility’s current assessment of resources committed or available to serve that load. PG&E analyzed the pattern of its resource needs leading it to focus its procurement-related energy efficiency plan on activities and technologies that would reduce commercial customers’ air conditioning and lighting loads, and residential customers air conditioning loads (Critical Loads). Therefore, while the proposal contains other activities, the main thrust of PG&E’s procurement-related energy efficiency plan are those end-use categories, or end-use categories with similar load shapes aimed at meeting what PG&E describes as it Critical load.

Nonresidential procurement cited in the plan call for programmatic efforts in the following nonresidential programs: Express Efficiency; the Standard Performance

Contract (SPC) program; Savings By Design (SBD); and a comprehensive energy audit program. Residential programs include elements of both PG&E’s single and multifamily retrofit program and some upstream efforts

**PROGRAM MODIFICATIONS:**

None

**PROGRAM BUDGETS AND TARGETS:**

|  | <b>Program Budget</b> | <b>Energy Reduction Targets (kWh)</b> | <b>Demand Reduction Targets (kW)</b> |
|--|-----------------------|---------------------------------------|--------------------------------------|
|  |                       |                                       |                                      |

|                 |              |             |         |
|-----------------|--------------|-------------|---------|
| <b>PG&amp;E</b> | \$75,000,000 | 466,883,000 | 142,400 |
|-----------------|--------------|-------------|---------|

## 6. Southern California Edison (SCE) Local Small Nonresidential Hard to Reach Program – 1313-04 (PGC) & 1453 (Procurement)

|                                   |                                                       |
|-----------------------------------|-------------------------------------------------------|
| <b>PROGRAM IMPLEMENTER(S):</b>    | Southern California Edison                            |
| <b>PROPOSED SUBCONTRACTOR(S):</b> |                                                       |
| <b>IOU SERVICE TERRITORY:</b>     | SCE – 1313-04 (PGC)<br>SCE – 1453-04 (Procurement)    |
| <b>GEOGRAPHIC AREA:</b>           | SCE Service Territory                                 |
| <b>TARGET MARKET:</b>             | Very small and small nonresidential, particularly HTR |
| <b>APPROVED BUDGET</b>            |                                                       |
| <b>PGC</b>                        | \$ 6,801,439                                          |
| <b>PROCUREMENT</b>                | \$5,119,455                                           |

### PROGRAM DESCRIPTION:

The hardware/incentive program provides no-cost energy-efficient lighting retrofits to very small business customers (with demand under 20 kW) in hard-to-reach rural areas of SCE's territory. Lighting installation contractors audit customer lighting systems and explain the energy savings that could result from a retrofit. They provide general energy efficiency information. This program will also provide training and jobs for individuals in economically disadvantaged areas so that local constituents will deliver program services.

### PROGRAM MODIFICATIONS: (PCG)

We support SCE's efforts in PY 2004-2005 to coordinate with community business organizations and faith-based organizations that understands the needs of their community and on reaching them. SCE should target at least 50% of all program participants be hard-to-reach very small nonresidential customers. SCE's budget is reduced to \$6,801,439 to reflect a budget closer to 2003 level and since additional procurement funds are being used for this program.

### PROGRAM BUDGETS AND TARGETS:

|                          | <b>Program Budget</b> | <b>Energy Reduction Targets* (kWh)</b> | <b>Demand Reduction Targets* (kW)</b> | <b>Energy Reduction Targets* (Therms)</b> | <b>Other Targets</b> |
|--------------------------|-----------------------|----------------------------------------|---------------------------------------|-------------------------------------------|----------------------|
| <b>PGC TOTAL</b>         | \$6,801,439           | 16,724,124                             | 3,246                                 | 0                                         | 50% HTR              |
| <b>PROCUREMENT TOTAL</b> | \$5,119,4552          | 13,386,197                             | 2,6326                                | 0                                         | 50% HTR              |

\*Minimum expectations based upon reduced budget, and pending program implementation plan finalization

## **7. Southern California Edison (SCE) – Pump Test and Hydraulic Services – 1317-04**

|                                   |                                                                     |
|-----------------------------------|---------------------------------------------------------------------|
| <b>PROGRAM IMPLEMENTER(S):</b>    | SCE                                                                 |
| <b>PROPOSED SUBCONTRACTOR(S):</b> | Wadler Data<br>EMC2 Company<br>Premiere Temporary Services          |
| <b>IOU SERVICE TERRITORY:</b>     | SCE – 1317-04                                                       |
| <b>GEOGRAPHIC AREA:</b>           | SCE service territory                                               |
| <b>TARGET MARKET:</b>             | Large-Small Nonresidential (agricultural and local water districts) |
| <b>APPROVED BUDGET</b>            | <b>\$ 3,200,000</b>                                                 |

### **PROGRAM DESCRIPTION:**

This program provides information and management services to customers with pumping accounts. It promotes awareness of energy efficiency and its benefits to agricultural businesses, water districts and other high volume users of water. It offers a review of system operations, and provides information on rebate programs offered by the utilities and private and state agencies. Under the program, SCE technicians perform pump tests performed using standards set forth by the American Water Works Association.

### **PROGRAM MODIFICATIONS:**

There are no program changes proposed or adopted for 2004 and 2005.

### **PROGRAM BUDGETS AND TARGETS:**

|              | <b>Program Budget</b> | <b>Energy Reduction Targets* (kWh)</b> | <b>Demand Reduction Targets* (kW)</b> | <b>Energy Reduction Targets* (Therms)</b> | <b>Other Targets</b>    |
|--------------|-----------------------|----------------------------------------|---------------------------------------|-------------------------------------------|-------------------------|
| <b>2004</b>  |                       | NA                                     | NA                                    | NA                                        | 3,600 Pump Tests        |
| <b>2005</b>  |                       | NA                                     | NA                                    | NA                                        | 3,600 Pump Tests        |
| <b>TOTAL</b> | <b>\$3,200,000</b>    |                                        |                                       |                                           | <b>7,200 Pump Tests</b> |

### **8. Southern California Edison (SCE) – Local Government Initiative Program – 1318-04**

|                                   |                            |
|-----------------------------------|----------------------------|
| <b>PROGRAM IMPLEMENTER(S):</b>    | Southern California Edison |
| <b>PROPOSED SUBCONTRACTOR(S):</b> | BII                        |
| <b>IOU SERVICE TERRITORY:</b>     | SCE – 1318-04              |
| <b>GEOGRAPHIC AREA:</b>           | SCE service territory      |
| <b>TARGET MARKET:</b>             | Crosscutting               |
| <b>APPROVED BUDGET</b>            | \$ 1,800,000               |

#### **PROGRAM DESCRIPTION:**

Through a partnering with local governments and cities (collectively referred to as Jurisdictions), this program offers energy efficiency information and education, hardware upgrades, and subsidized energy efficiency improvements to small to medium-business owners, lower-to-moderate income residential customers, single and multifamily existing residential consumers, and residential and small commercial builders. The core of this program approach is to work with the Jurisdictions as a delivery channel for SCE's broad portfolio of energy efficiency information, services and incentives, thereby deepening the reach of our program offerings. Using the concept of “neighborhood sweeps,” which involves same-day residential and small to medium-business audits / surveys and hardware replacement, the Jurisdictions will realize immediate energy and utility cost savings. On the longer term, the program will offer a variety of residential and nonresidential new construction intervention strategies such as Building Commissioning, training of building departments on energy efficiency standards (Title 24), as well as incentive programs for residential and small commercial builders.

**PROGRAM MODIFICATIONS:**

There are no program changes proposed or adopted for 2004 and 2005.

**PROGRAM BUDGETS AND TARGETS:**

The primary goal of this program is to secure continued participation, as well as expansion, of the existing jurisdictions. One matrix for measuring participation will be through the execution of the 2004 LGI Enrollment Form. Additionally, SCE will seek to expand participation in the program to new Jurisdictions with a large HTR element.

| <b>Activity</b>                                                                         | <b>Target</b> |
|-----------------------------------------------------------------------------------------|---------------|
| Completed 2004 Enrollment Forms                                                         | 32            |
| Expand to New Jurisdictions Identified as HTR                                           | 10            |
| Conduct Building Department Training or Information Updates on 2005 Title Code Revision | 12            |
| Coordinate Activities Promoting Residential and MF Retrofit Programs                    | 10            |
| Coordinate Activities Promoting Nonresidential Programs                                 | 10            |

**9. Southern California Edison (SCE) Innovative Designs for Energy Efficiency Activities (IDEEA) – (Procurement Funded) 1185-04**

|                                   |                                  |
|-----------------------------------|----------------------------------|
| <b>PROGRAM IMPLEMENTER(S):</b>    | Southern California Edison       |
| <b>PROPOSED SUBCONTRACTOR(S):</b> | TBD                              |
| <b>IOU SERVICE TERRITORY:</b>     | SCE – 1185-04                    |
| <b>GEOGRAPHIC AREA:</b>           | Service Territory of SCE         |
| <b>TARGET MARKET:</b>             | TBD                              |
| <b>APPROVED BUDGET</b>            | SCE – Procurement: \$ 12,528,690 |

**PROGRAM DESCRIPTION:**

SCE's Innovative Designs for Energy Efficiency Activities (IDEEA) program will be an annual competitive bidding solicitation of innovative and cost-effective energy efficiency program proposals across all market and customer segments, funded by up to \$6,000,000 annually (not including evaluation and measurement costs) of energy procurement funds. The focus will be on different marketing or

delivery methods, different market segments, and / or different technologies than those offered in the SCE portfolio. Winning proposals will fill possible gaps in the overall portfolio of programs offered in SCE's service territory or offer best practices not incorporated in similar programs in the portfolio.

#### **PROGRAM MODIFICATIONS:**

This program is approved as proposed. However, Edison shall consult assigned Energy Division staff throughout the process. Edison shall provide a draft of the solicitations to assigned ED staff for their comments and approval at least two weeks before issuing them. Edison shall also consult with and seek approval from assigned ED staff prior to selecting the winning bidders, once Edison has completed its internal review process. Edison shall only select programs that are certain to be cost effective.

#### **PROGRAM BUDGETS AND TARGETS:**

The following table is a summary of some of the key objectives of this program. The proposal should be consulted for a complete description of the program design and objectives.

|            | <b>Program Budget</b> | <b>Energy Reduction Targets* (kWh)</b> | <b>Demand Reduction Targets* (kW)</b> | <b>Energy Reduction Targets* (Therms)</b> | <b>Hard-to-Reach Targets</b> |
|------------|-----------------------|----------------------------------------|---------------------------------------|-------------------------------------------|------------------------------|
| <b>SCE</b> | \$ 12,528,690         | TBD                                    | TBD                                   | NA                                        | TBD                          |

### **10. San Diego Gas & Electric Company (SDG&E)- Local Residential Hard-to-Reach Lighting Turn In & Education Program– 1356-04**

|                                   |                                                      |
|-----------------------------------|------------------------------------------------------|
| <b>PROGRAM IMPLEMENTER(S):</b>    | San Diego Gas & Electric Company                     |
| <b>PROPOSED SUBCONTRACTOR(S):</b> | Saber Tradeshow Services, Inc.<br>Associated Storage |
| <b>IOU SERVICE TERRITORY:</b>     | SDG&E – 1356-04                                      |
| <b>GEOGRAPHIC AREA:</b>           | SDG&E service territory                              |
| <b>TARGET MARKET:</b>             | Hard-to-Reach Residential                            |
| <b>APPROVED BUDGET</b>            | <b>\$1,000,000</b>                                   |

#### **PROGRAM DESCRIPTION:**

This program provides incentives to hard-to-reach residential customers by participation in events at hospitals, churches, senior centers, and other community events. Consumers receive a free energy efficient compact florescent

lighting and torchiere lamps in exchange for an inefficient bulb or torchiere fixture. Through the partnerships with local communities, this program also offers education and information to the hard-to-reach consumers on other energy efficiency program offerings, which are targeted specifically to them.

**PROGRAM MODIFICATIONS:**

Target may need to be modified to reflect approved budget.

**PROGRAM BUDGETS AND TARGETS:**

|              | Program Budget | Energy Reduction Targets* (kWh) | Demand Reduction Targets* (kW) | Energy Reduction Targets* (Therms) | Other Targets |
|--------------|----------------|---------------------------------|--------------------------------|------------------------------------|---------------|
| <b>TOTAL</b> | \$1,000,000    | 5,599,486                       | 881                            | 0                                  | See Plan      |

\*Minimum expectations based upon reduced budget, and pending program implementation plan finalization.

**11. San Diego Gas & Electric Company (SDG&E) Local Nonresidential Small Business Energy Efficiency – 1340-04**

|                                   |                                                                                                                                                                |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PROGRAM IMPLEMENTER(S):</b>    | San Diego Gas & Electric Company                                                                                                                               |
| <b>PROPOSED SUBCONTRACTOR(S):</b> | Three Contractors To Be Determined Who Will<br>1) Establish Customer Eligibility<br>2) Conduct Audits<br>3) Schedule and Install Recommended Lighting Measures |
| <b>IOU SERVICE TERRITORY:</b>     | SDG&E – 1340-04                                                                                                                                                |
| <b>GEOGRAPHIC AREA:</b>           | SDG&E Service Territory – Targeting Hard-to-Reach Areas                                                                                                        |
| <b>TARGET MARKET:</b>             | Nonresidential – Very Small Business                                                                                                                           |
| <b>APPROVED BUDGET</b>            | \$ 3,278,000                                                                                                                                                   |

**PROGRAM DESCRIPTION:**

This program is designed to increase the adoption of energy-efficient lighting measures by San Diego Gas & Electric's (SDG&E) very small, hard-to-reach nonresidential customers. Under this program, selected energy-efficient lighting is installed at no cost to eligible customers. The program was funded during

2002 – 2003 as two separate programs: Small Business Energy Assessment & EZ Turnkey. Designated contractor(s) will procure, store and install approved equipment according to program guidelines. These include compact fluorescent lights (CFLs), exit signs (LED/EL), T-8 lamps with electronic ballasts, and lighting sensors. Fixed incentives will be paid directly to contractor(s) for audit and installation of measures. Following verification of the installed measures, SDG&E issues the rebate check to the participating contractor(s).

#### **PROGRAM MODIFICATIONS:**

A revised proposal shall be submitted that provides information on how the rebate levels / installation amounts were developed. Also, information should be provided on the requirements for which measures are eligible for replacement.

Staff is concerned that this program will miss many promising opportunities to reach small business because of its exclusive emphasis on lighting measures. The proposal states that small businesses tend not to participate in EE programs because of the lack of information and high first cost. However, simply going in and installing lighting at no cost does little to address the problems surrounding that, apart from the cost issue. Not providing information or coordinating with other activities or requiring that additional steps are taken beyond lighting, will result in many lost opportunities for achieving higher degrees of energy savings in other end-use areas. A revised proposal should be submitted that includes a plan for making this program more comprehensive and using this program to connect participants with to other non-IOU and IOU programs.

#### **PROGRAM BUDGETS AND TARGETS:**

The following table is a summary of some of the key objectives of this program. The proposal should be consulted for a complete description of the program design and objectives.

|                  | <b>Program Budget</b> | <b>Energy Reduction Targets* (kWh)</b> | <b>Demand Reduction Targets* (kW)</b> | <b>Energy Reduction Targets* (Therms)</b> | <b>Hard-to-Reach Targets</b> |
|------------------|-----------------------|----------------------------------------|---------------------------------------|-------------------------------------------|------------------------------|
| <b>SDG&amp;E</b> | \$ 3,278,000          | 9,025,076                              | 1660                                  | NA                                        | 100%                         |

### **12. San Diego Gas & Electric Company (SDG&E) Local Nonresidential Energy Saver (Procurement) – 1315-04**

|                                   |       |
|-----------------------------------|-------|
| <b>PROGRAM IMPLEMENTER(S):</b>    | SDG&E |
| <b>PROPOSED SUBCONTRACTOR(S):</b> |       |

|                                        |                               |
|----------------------------------------|-------------------------------|
| <b>IOU SERVICE TERRITORY:</b>          | SDG&E – 1315-04 (Procurement) |
| <b>GEOGRAPHIC AREA:</b>                | SDG&E Territory               |
| <b>TARGET MARKET:</b>                  | Non-residential               |
| <b>APPROVED BUDGET<br/>PROCUREMENT</b> | \$ 980,000                    |

**PROGRAM DESCRIPTION:**

The Local Energy Savers program provides financial incentives for energy efficient refrigerators, software plug load sensors, and torchieres. The program is targeted at schools, non-profit organizations, and tax-exempt entities. The measures eligible for rebates under this program do not have eligible rebates under PGC funded programs.

**PROGRAM BUDGETS AND TARGETS:**

|                          | <b>Program Budget</b> | <b>Energy Reduction Targets (kWh)</b> | <b>Demand Reduction Targets (kW)</b> | <b>Energy Reduction Targets (Therms)</b> | <b>Hard-to-Reach Targets</b> |
|--------------------------|-----------------------|---------------------------------------|--------------------------------------|------------------------------------------|------------------------------|
| <b>Procurement Total</b> | <b>\$ 980,000</b>     | <b>6,218,316</b>                      | <b>129</b>                           | <b>0</b>                                 |                              |

### 13. San Diego Gas & Electric Company (SDG&E) Local Customer Energy Savings Bid (Procurement)

|                                         |                               |
|-----------------------------------------|-------------------------------|
| <b>PROGRAM IMPLEMENTER(S):</b>          | SDG&E                         |
| <b>PROPOSED SUBCONTRACTOR(S):</b>       |                               |
| <b>IOU SERVICE TERRITORY:</b>           | SDG&E – 1320-04 (Procurement) |
| <b>GEOGRAPHIC AREA:</b>                 | SDG&E Territory               |
| <b>TARGET MARKET:</b>                   | Non-residential               |
| <b>APPROVED BUDGET:<br/>PROCUREMENT</b> | <b>\$ 20,412,118</b>          |

**PROGRAM DESCRIPTION:**

The Customer Energy Bid Program allows non-residential customers to propose energy savings projects to their facilities. SDG&E will post an RFP for cost

effective energy efficiency retrofits. The financial incentives from the program are structured in a similar fashion to SPC rebates. Customers who respond to the RFP and whose projects are approved will be given financial incentives based upon verified energy savings and demand reductions. Customers targeted by this program are ones who have difficulty participating in other PGC funded non-residential rebate programs. These include government facilities, large, or aggregated non-residential facilities.

#### **PROGRAM MODIFICATIONS:**

This program will need to coordinate with the SDREP Local Government and Local Government Technical Analysis Programs to ensure there is no overlap with the local government facilities they are each serving. The programs can also coordinate by leveraging the SDREP Local Government Technical Analysis programs auditing function to aid potential respondents to the RFP released as part of this program.

#### **PROGRAM BUDGETS AND TARGETS:**

|                          | <b>Program Budget</b> | <b>Energy Reduction Targets (kWh)</b> | <b>Demand Reduction Targets (kW)</b> | <b>Energy Reduction Targets (Therms)</b> | <b>Hard-to-Reach Targets</b> |
|--------------------------|-----------------------|---------------------------------------|--------------------------------------|------------------------------------------|------------------------------|
| <b>Procurement Total</b> | <b>\$ 20,412,118</b>  | <b>108,800,000</b>                    | <b>17,600</b>                        | <b>320,000</b>                           |                              |

#### **14. San Diego Gas and Electric (SDG&E) Sustainable Communities (Procurement Funded) – 1316-04**

|                                    |                                                                                                                                                              |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PROGRAM IMPLEMENTER(S):</b>     | San Diego Gas and Electric                                                                                                                                   |
| <b>PROPOSED SUBCONTRACTOR(S):</b>  | WorldBuild Technologies Inc.<br>CTG Energetics<br>These contractors will develop the Program and provide green building and engineering analysis assistance. |
| <b>IOU SERVICE TERRITORY:</b>      | SDG&E – 1316-04                                                                                                                                              |
| <b>GEOGRAPHIC AREA:</b>            | Service Territory of SDG&E                                                                                                                                   |
| <b>TARGET MARKET:</b>              | Crosscutting – New Construction                                                                                                                              |
| <b>APPROVED BUDGET PROCUREMENT</b> | \$1,300,000                                                                                                                                                  |

**PROGRAM DESCRIPTION:**

This procurement funded program is designed to work cooperatively with the cities and counties in its service territory to promote sustainable development, showcase energy-efficient design and building practices, and encourage local developers to incorporate clean on-site energy generation systems in their projects. This program will use elements from two of its Statewide new construction programs - Savings By Design and the California Energy Star New Homes Programs. The goal of this program is to create sustainable energy and demand savings by creating a network of demonstration projects in SDG&E's service territory that incorporate high performance energy efficiency and demand reduction technologies, along with clean on-site generation, water conservation, transportation efficiencies and waste reduction strategies. Its longer-term goal is to help popularize new energy efficient technologies and sustainable design practices by documenting the benefits and lifecycle cost savings achieved by these demonstration projects, thereby paving the way for future code upgrades and implementation of a Statewide Sustainable Communities Program. All projects selected for this program will be required to exceed Title 24 requirements by a minimum of 30%, and will be strongly encouraged to pursue Leadership in Energy and Environmental Design (LEED) certification. Although it is not a requirement, SDG&E will also actively encourage and support incorporation of clean on-site generation.

**PROGRAM MODIFICATIONS:**

This program is approved as proposed.

**PROGRAM BUDGETS AND TARGETS:**

The following table is a summary of some of the key objectives of this program. The proposal should be consulted for a complete description of the program design and objectives.

|                              | <b>Program Budget</b> | <b>Energy Reduction Targets* (kWh)</b> | <b>Demand Reduction Targets* (kW)</b> | <b>Energy Reduction Targets* (Therms)</b> | <b>Number of Projects</b>                                   |
|------------------------------|-----------------------|----------------------------------------|---------------------------------------|-------------------------------------------|-------------------------------------------------------------|
| <b>SDG&amp;E Procurement</b> | \$ 1,300,000          | 1,684,773                              | 390                                   | 31,773                                    | Commercial:<br>4 to 5 Projects<br>Multifamily:<br>150 Units |

**15. San Diego Gas & Electric Company (SDG&E) Local Limited Income Refrigerator Replacement & Lighting Program (Procurement).– 1376-04**

|                                   |                                                                                            |
|-----------------------------------|--------------------------------------------------------------------------------------------|
| <b>PROGRAM IMPLEMENTER(S):</b>    | SDG&E                                                                                      |
| <b>PROPOSED SUBCONTRACTOR(S):</b> |                                                                                            |
| <b>IOU SERVICE TERRITORY:</b>     | SDG&E                                                                                      |
| <b>GEOGRAPHIC AREA:</b>           | Areas identified in Census 2000 as containing high percentage of limited income households |
| <b>TARGET MARKET:</b>             | Hard-to-Reach, Limited Income Households not eligible for the CARE or LIEE programs        |
| <b>APPROVED BUDGET</b>            | <b>\$6,000,000</b>                                                                         |

**PROGRAM DESCRIPTION:**

This is an incentive program designed to fill the gap between the Low Income Energy Efficiency (LIEE) program and the Residential Appliance Rebate Program. The program will be paired with the LIEE program and marketing will be an expansion of the existing LIEE program.

**PROGRAM MODIFICATIONS:**

The program, should include a requirement that the program participants demonstrate that they have an inefficient refrigerator at least 20 years old to qualify for replacement. In addition, there should be a size cut-off at 20 cubic feet and above. With regards to landlords, consider a rebate or some type of split incentive instead of full replacement. The overhead costs should be adjusted and reallocated to lighting measures.

**PROGRAM BUDGETS AND TARGETS:**

|                  | <b>Program Budget</b> | <b>Energy Reduction Targets* (kWh)</b> | <b>Demand Reduction Targets* (kW)</b> | <b>Energy Reduction Targets* (Therms)</b> |
|------------------|-----------------------|----------------------------------------|---------------------------------------|-------------------------------------------|
| <b>SDG&amp;E</b> | \$6,000,000           | 11,704,598                             | 1,471                                 | 0                                         |

\*Minimum expectations based upon reduced budget, pending program implementation plan finalization

## **16. Southern California Gas Company (SoCalGas) – Nonresidential Financial Incentives – 1260-04**

|                                   |                                 |
|-----------------------------------|---------------------------------|
| <b>PROGRAM IMPLEMENTER(S):</b>    | Southern California Gas Company |
| <b>PROPOSED SUBCONTRACTOR(S):</b> | Panatec<br>Gravitas             |
| <b>IOU SERVICE TERRITORY:</b>     | SoCalGas – 1260-04              |

|                         |                                                |
|-------------------------|------------------------------------------------|
| <b>GEOGRAPHIC AREA:</b> | Southern California excluding San Diego County |
| <b>TARGET MARKET:</b>   | Small to medium nonresidential                 |
| <b>APPROVED BUDGET</b>  | <b>\$ 4,755,206</b>                            |

**PROGRAM DESCRIPTION:**

This local program focuses on small to medium nonresidential (commercial and industrial) gas customers using less than 250,000 therms annually. The program incorporates technical support, education, training, outreach, contractor referral, bulk procurement, prescriptive rebates and equitable financial incentives through three program elements:

- “Purchase-Apply-Receive Rebate” (PARR)- Rebates are provided to customers who install identified energy efficient product(s).
- “Nonresidential Equipment Replacement “ (NRER)- Customers receive rebates for “kind-for-kind” replacement of old, inefficient commercial or industrial end-use gas-fired technology with higher efficiency alternatives.
- “Nonresidential Energy Conservation” (NREC)- Qualified customers receive incentives to implement comprehensive energy saving commercial building envelope or industrial process modernizations.

**PROGRAM MODIFICATIONS:**

SoCalGas proposed several changes for the 2004/2005 program that will help capitalize on the program’s already demonstrated success and help to achieve the identified goals by boosting program participation through the addition of several measures to the program.

(1) PARR Energy Efficient Measure Additions

SoCalGas will add commercial foodservice equipment control devices and Energy Star® programmable thermostats as eligible equipment for rebates under the PARR element of the local NRFIP Program. Another measure under consideration is a unique foodservice equipment ventilation control device, which reduces or shuts off the ventilation hood fan when the foodservice equipment is not in use. These types of equipment were not included in the eligible equipment list under the 2002 NRFIP program.

(2) NREC Energy Efficient Measure Modifications

SoCalGas will expand its gas engine energy efficiency measures offering to include controls and waste heat recovery systems and expand its energy efficiency measures offerings for high temperature applications to include the latest, state-of-the-art, programmable, digital combustion / temperature / moisture controls.

**PROGRAM BUDGETS AND TARGETS:**

|  | <b>Program<br/>Budget</b> | <b>Energy<br/>Reduction<br/>Targets* (kWh)</b> | <b>Demand<br/>Reduction<br/>Targets* (kW)</b> | <b>Energy<br/>Reduction<br/>Targets*<br/>(Therms)</b> | <b>Other<br/>Targets</b> |
|--|---------------------------|------------------------------------------------|-----------------------------------------------|-------------------------------------------------------|--------------------------|
|  | \$ 4,755,206              | NA                                             | NA                                            | 2,907,277                                             | See plan                 |

\*Minimum expectations based upon budget, and pending program implementation plan finalization