

**2013-2014 Energy Efficiency Programs  
Statewide Integrated Demand-Side Management  
Program Implementation Plan**

1. **Program Name:** Program for Resource Efficiency in Private Schools (PREPS)  
**Program ID:** SCG3758  
**Program Type:** Third-Party Program

2. **Projected Program Budget Table**

**Table 1: Total Projected Program Budget by Category**

Program #	Main/Sub Program Name	Administrative Amount	Marketing Amount	Direct Implementation Amount	Incentive Amount	Total Program Budget Amount
	<b>SoCalGas Third Party Programs</b>					
3758	3P-PREPS	\$0	\$0	\$1,189,913	\$510,087	\$1,700,000
3758u	3P-PREPS (Utility)	\$24,919	\$7,761	\$47,688	\$0	\$80,368
	<b>TOTAL:</b>	<b>\$24,919</b>	<b>\$7,761</b>	<b>\$1,237,601</b>	<b>\$510,087</b>	<b>\$1,780,368</b>

Note: SCG continues to negotiate the final contract with the third party vendor. As a result of final contract negotiations, the budget allocation into the budget subcategories may vary.

3. **Projected Program Gross Impacts Table**

**Table 2: Total Projected Program Savings by Subprogram**

Program #	Main/Sub Program Name	2013-2014 Gross kW Savings	2013-2014 Gross kWh Savings	2013-2014 Gross Therm Savings
3758	3P-PREPS	0	0	703,788
		<b>0</b>	<b>0</b>	<b>703,788</b>

Note: The therm savings are estimated based on contract negotiations with the third party vendor. The projected savings may change as a result of final contract negotiations.

4. **Program Description**

a) **Describe program**

The Program for Resource Efficiency in Private Schools (PREPS) is a renewed program to be administered in the 2013 - 2014 program cycle. It is targeted to qualifying schools and colleges in Southern California Gas ( SoCalGas)’s service area. Its goal is to reduce gas energy costs, reduce greenhouse gas emissions, and improve the learning environment.

Administered by Resource Solutions Group (RSG), PREPS, herein “Program”, is targeted to pre-K, K-12 schools, colleges, universities, technical/trade schools, public K-12 and other private institutions of learning included in NAICS 61, to encourage the installation of cost-effective energy efficiency measures (EEMs). All PREPS engineering and technical services are provided at no out-of-pocket cost to Program participants. The Program is available in SoCalGas’s service territory and is provided on a first-come, first-served basis. Customers that enroll in the Program (“Participants”) will receive a variety of Program services that could include project analysis support, facility evaluations, comprehensive energy audits, energy efficiency recommendations, technical support, cash incentives and implementation assistance to support the identification and implementation of energy efficiency upgrades. The audit reports provide specific EEM

**2013-2014 Energy Efficiency Programs  
Statewide Integrated Demand-Side Management  
Program Implementation Plan**

recommendations and include a lifecycle energy and cost analysis for each individual EEM and for all EEMs on a total-project basis.

PREPS Participants receive a range of services to facilitate the development and implementation of energy efficiency upgrades within their facilities. Participants may not have the time, technical resources, project management expertise, or manpower to implement comprehensive upgrades that reduce energy use and operating costs. The 2013-2014 PREPS will continue to encourage and reward Participants who implement any or all of the recommended EEMs outlined in the energy audit report or on an individual project basis. Participants who agree to implement the recommendations can receive incentives in three different forms:

- Cash Rebates
- Cash Bonuses
- Installation Support Services (IS Services), examples of which include the development of bid specifications, bid package development and project management services

Participants can receive Cash Incentives only or receive incentives in the form of IS Services as a portion of their total project incentive. Cash Bonus incentives are available regardless of whether the Participant chooses to receive Cash Incentives, IS Services or a combination of the two. Rebates offered are equivalent to rates currently offered by SoCalGas's core energy efficiency programs for the same measures.

Cash rebates and bonus incentives are provided to encourage and support Participants in installing EEMs. Incentives are available through the Program for both deemed<sup>1</sup> and calculated EEMs. RSG will work with the Participant and SoCalGas to develop the energy savings estimates for calculated EEMs and ensure that they comply with California Public Utility Commission (CPUC) requirements. Participants receive unbiased, technically sound and practical solutions to improve facilities and can, if they choose, receive assistance through the installation phase of the project. By reducing energy consumption and improving building operations, Participants can redirect funds previously used on operating expenses toward other school facility priorities.

The PREPS approach is to include not just the typical upgrade applications, but to collaborate when applicable with SoCalGas's Emerging Technologies program. Also, RSG can work with the CEC to incorporate innovative technologies and building improvement strategies into its marketing, education and outreach, audit reports and project implementation strategies. The result of this coordination will be wider acceptance of technologies and the development of specific case studies that can serve as examples of successful and innovative projects for others to pursue.

**b) List of measures**

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<sup>1</sup> Deemed savings and deemed incentives refer to EEMs for which there is a standardized amount of savings and a standardized incentive paid according to building type and climate zone. These "deemed" measures are distinct from calculated measures. For calculated measures multiple variables are used to calculate savings unique to the specific site and mix of measures installed, and the incentives for calculated measures vary according to the savings achieved.

**2013-2014 Energy Efficiency Programs  
Statewide Integrated Demand-Side Management  
Program Implementation Plan**

Through individual project analysis, comprehensive energy reports and audits and Installation Support Services, PREPS will seek to implement:

- Pool Heaters
- Pool Covers
- Storage and Instantaneous Water Heaters
- Pipe and Tank insulation
- Steam Traps
- Space Heating and Commercial Boilers
- Natural Gas Food Service Equipment
- Other customized measures as identified in field audits including emerging technologies and retro-commissioning opportunities where savings can be documented appropriately (Ie. Solar thermal hot water heating, heat recovery systems, etc.)

The base incentive levels will match those provided through SoCalGas’s core rebate programs. The program will also offer targeted outreach campaigns to accelerate activities in high potential schools segments to encourage commitment and expedite completion of projects.

**c) List non-incentive customer services**

PREPS provides financial incentives to encourage project implementation and identifies the installation of additional cost effective building upgrades. At all levels of program participation - from evaluating specific technologies to implementing and supporting the customer throughout the project implementation phase – PREPS provides quality customer service to assist the customers. Non-incentive customer services included in the program, but not limited too, will be:

- Provide information on existing building performance and potential improvements in operating and maintenance practices,
- Inform the customer on other local or third-party programs for which they may qualify,
- Provide information on low interest financing options to encourage project implementation and,
- Educate the customer on new energy efficiency technologies.

**5. Program Rationale and Expected Outcome**

**a) Quantitative Baseline and Market Transformation Information**

	Baseline Metric		
	Metric A	Metric B	Metric C
Overall Program	20% of customers contacted through M&O agree to participate (tracked by signed Program Participation Agreements (PPA))	40% of customers that sign a PPA agree to install at least some of the recommended measures (tracked by the number of signed Program Implementation Agreements (PIA))	20% of customers that sign a PIA actually install measures (tracked through paid incentives)
Sub Program #1	NA	NA	NA
Sub Program #2	NA	NA	NA

**2013-2014 Energy Efficiency Programs  
Statewide Integrated Demand-Side Management  
Program Implementation Plan**

Sub Program #3	NA	NA
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Market Transformation has not been a major focus of the California energy efficiency programs since the energy crisis. Consequently, relatively little attention has been given in recent years to identifying and gathering data on indicators of change towards market transformation. For some programs or sub-programs that promote a single end use or measure, there may be some data available for this purpose, probably from industry sources, that we have not yet identified. For many of the programs, however, this kind of long-term, consistent, and expensive data collection has not been done in California.

The utility program planners have worked closely with their respective EM&V staffs and with each other to identify available information and propose potential metrics. Each utility and each program has some data available, but attempts to distill the limited available information into a common set of agreed-upon metrics have proved far more difficult to accomplish. Offering metrics in which there is not strong confidence would not be productive. Therefore, the utilities respectfully exclude "draft" metrics at this time and instead suggest a means of developing meaningful indicators.

The utilities will develop meaningful baseline and market transformation concepts and metrics for programs that do not currently have them, and then propose to design and administer studies to gather and track consistent, reliable and valid baseline and market effects data. RSG proposes to use the program logic models and The California Evaluation Framework (2004) as guides, and to begin this work after approval of the Application using funding provided for Evaluation, Measurement & Verification.

RSG expects that the baseline studies (1) adequately describe the operation of markets that are targeted by a program, (2) confirm its tentative identification of measurable parameters that would indicate changes towards greater efficiency in the market(s) and that are likely to be affected by the program, and (3) gather the current values of those parameters, to serve as baselines against which future market movement can be tracked.

**b) Market Transformation Information**

	<b>Internal Market Transformation Planning Estimates</b>	
Market Sector and Segment	2013	2014
Metric A	Increase to 20%	Increase to 25%
Metric B	Increase to 40%	Increase to 45%
Metric C	Increase to 20%	Increase to 25%
Metric D	NA	NA

As explained immediately above, the utilities propose to provide these draft metrics when available.

**c) Program Design to Overcome Barriers**

<b>Barrier</b>	<b>Solution</b>
Schools lack information about energy efficiency	Through RSG's experience in this market sector,

**2013-2014 Energy Efficiency Programs  
Statewide Integrated Demand-Side Management  
Program Implementation Plan**

<b>Barrier</b>	<b>Solution</b>
benefits	PREPS uses a proactive approach to reduce school maintenance, operation, and energy costs, help improve building operations and performance, and develop a strategic and phased approach to project implementation.
Schools have historically suffered from lack of financing for energy efficiency improvements	PREPS helps schools find funding that can be used for energy efficiency upgrades and can help qualify schools for low interest loans for energy efficiency projects.
Schools lack internal staffing resources to support energy efficiency improvements.	Specific program activities and services will be provided to achieve program goals including customer screening, comprehensive energy analyses and/or audit reports, rebates, bonuses, and Installation Support Services. The rebates, bonuses and Installation Support Services components of the Program address the “lack of support” and “lack of resources” barriers by 1) providing post-audit services to assist the customer in further developing the specific scope of the project and securing installation contractors to perform the work, and 2) providing cash incentives to offset the costs to implement the project.

Historically, schools have been a difficult sector to penetrate due to a limited and narrow focus placed on this sector and the need for schools to minimize risk and manage tighter and tighter budgets. For the most part, most schools that participate in energy efficiency do so in a limited fashion and over an extended period of time, again due to risk adversity, competing priorities, lack of a defined strategy and lack of service provider support and expertise. Private schools face challenges similar to publicly funded schools in understanding how best to evaluate and implement cost-effective energy efficiency improvements. Also like public schools, private schools are under pressure to manage rising energy costs as they face constrained budgets and increased operational costs such as teacher salaries, which must stay competitive to attract high-quality staff. The greatest priority barriers to implementing energy efficiency projects in this hard-to-reach sector include lack of information, lack of support and lack of internal resources, particularly with regard to projects that have longer paybacks to recover initial investment. Most schools need additional support beyond rebate or standard performance incentive programs to influence decision-makers on the value of the energy efficiency project and to carry out the installation of high efficiency equipment.

In addition to limited resources and limited knowledge about energy efficiency, there are limited windows of opportunity to install measures within the framework of the academic calendar. School schedules and activities are driven by events such as summer vacation, holidays, and other school priorities that may create further difficulties in improving the efficiency of the school. These challenges are compounded by the fact that personnel within a given school have wide-ranging responsibilities with limited staff and overlapping lines of department authority. The most challenging tasks in achieving energy savings are to work with and educate decision-makers to make energy efficiency a greater priority and take necessary steps in completing a large number of energy savings projects within a reasonable time frame during the Program period.

## **2013-2014 Energy Efficiency Programs Statewide Integrated Demand-Side Management Program Implementation Plan**

To overcome these challenges, PREPS presents an opportunity for qualifying schools to take advantage of Contractor's experience in this market sector and take a proactive approach to reducing school costs, improving building operations and performance, and develop a strategic and phased approach to project implementation. Through a focused, targeted and coordinated program, market penetration and participation levels will increase beyond those currently achieved by the utility or by the schools acting on their own, with services offered beyond the standard baseline services provided to this segment through the utility's core programs.

PREPS will offer a staged yet comprehensive approach to implementing cost-effective efficiency measures tailored to the needs and requirements of the specific targeted school interested in the program. Not all schools require the same level of effort to achieve program goals, and it is not cost effective for utility ratepayers to provide standard and equitable program services indiscriminately across all schools when some schools may only offer limited opportunities for savings. By targeting program services to schools that show the highest level of intent, interest and opportunity to upgrade or replace inefficient equipment, PREPS will provide energy savings more immediately and more cost effectively, while still providing tailored Program services to schools that are interested in PREPS but may only seek a fewer number of limited projects to pursue. Market actors will be more responsive to a program that provides a well-defined and strategic level of services that better align with the needs of the individual schools within this sector. Matching program resources and activities more closely to sector opportunities will lead to a more efficient and streamlined delivery mechanism, in addition to increasing installed energy savings.

Specific program activities and services will be provided to achieve program goals including customer screening, comprehensive energy audit reports, project technical analysis support, rebates, bonuses, and Installation Support Services. The comprehensive energy audit report and/or general facility and project evaluation support addresses the "lack of information" barrier by providing clear information on cost-effective energy efficiency measures to pursue, with detailed analysis on the lifecycle costs and benefits of each individual efficiency measure. The rebates, bonuses and Installation Support Services components of the Program address the "lack of support" and "lack of resources" barriers by 1) providing post-audit services to assist the customer in further developing the specific scope of the project and securing installation contractors to perform the work, and 2) providing cash incentives to offset the costs to implement the project.

### *Lost Opportunities*

PREPS will capture potential lost opportunities through a number of mechanisms. First, the comprehensive audits will address all cost-effective measures rather than focusing on just a few opportunities or the "low-hanging fruit." The ranking of all potential measures based on the lifecycle costs and benefits of each measure can allow a customer to pursue a small number of low-cost, high return measures and move on to higher investment measures, eliminating lost opportunities. Second, close coordination with SoCalGas and other Program implementers will ensure that the team is aware of additional complementary program offerings that can improve the cost effectiveness of other

**2013-2014 Energy Efficiency Programs  
Statewide Integrated Demand-Side Management  
Program Implementation Plan**

program measures. Also, by incorporating a comprehensive approach to the development of an energy management strategy, PREPS will have the ability to provide complimentary technical and support services more immediately with an individual school for retrofit opportunities and streamline the delivery of energy efficiency services.

**d) Quantitative Program Targets**

- Targeted market penetration levels will be achieved through a combination of effective marketing combined with a program that creates a financial benefit to the customer. Specific elements include: Increased customer awareness about existing energy use and practices;
- Increased understanding of technical options and financial impacts related to energy efficiency building improvement strategies;
- Increased prioritization of energy efficiency investments by key decision makers;
- Increased comprehensiveness of projects implemented due to the unbiased and vendor-neutral information on the best operating practices and equipment upgrades; and
- Increased participation due to the Installation Support Services that allow Contractor to serve as an extension of the district’s staff to ensure projects are pursued and installed in a timely manner and according project expectations.

**Table 3**

Program Name	Program Target by 2013	Program Target by 2014
Target #1	Total Number of Projects Installed equal to or greater than 2	Total Number of Projects Installed equal to or greater than 35
Target #2	Total Incentives Paid equal to or greater than \$ 14,400	Total Incentives Paid equal to or greater than \$388,080
Target #3	Total installed savings equal to or greater than 18,367 gross therms	Total installed savings equal to or greater than 377,064 gross therms

*Note: Values provided represent yearly targets.*

**e) Advancing Strategic Plan goals and objectives**

PREPS addresses the Strategic Plan in the following ways:

**California Long Term Energy Efficiency Strategic Plan Goals and Strategies**

Description	Strategic Plan Sector	Strategic Plan Goal	Strategic Plan Strategy
The Program identifies for and assists customers in applying for low-interest loans to implement measures.	Commercial	50 percent of existing buildings will be retrofit to zero net energy by 2030 through achievement of deep levels of energy efficiency and with the addition of clean distributed generation.	2-6: Develop effective financial tools for EE improvements to existing buildings.
PREPS integrates water	DSM Coordination	Deliver integrated DSM	1-3: Develop integrated

**2013-2014 Energy Efficiency Programs  
Statewide Integrated Demand-Side Management  
Program Implementation Plan**

Description	Strategic Plan Sector	Strategic Plan Goal	Strategic Plan Strategy
resource savings into services provided to customers.	and Integration	options that include efficiency, demand response, energy management and self generation measures, through coordinated marketing and regulatory integration.	DSM programs across resources, including energy, water, and transportation.
Program will provide students opportunities to participate in energy audits and develop energy audit reports.	Workforce Education and Training	Establish energy efficiency education and training at all levels of California's educational system.	1-4: Create or expand college and university programs with energy efficiency focus and foster green campus efforts to apply this knowledge in clear view of students and faculty.
Implements activities that create favorable conditions for EE technology investments.	Research and Technology	Create demand pull and set the research agenda to pursue both incremental and game changing energy efficiency technology innovations.	1-2: Leverage private industry and Federally funded technology research and investment

California's Energy Efficiency Strategic Plan addresses six cross-cutting areas—Heating, Ventilation and Air Conditioning (HVAC); Workforce Education and Training; Marketing, Education & Outreach; Research and Technology; Codes and Standards; and Demand-Side Management Coordination and Integration. A major strategy of the Plan - to provide consumers with tools and information to help them understand the importance of efficiency as well as the many opportunities for implementing measures and behavioral change through innovative financing, incentives, benchmarks, new technology and other means - ties directly to the goals and strategies of PREPS. Through the variety of program services offered, PREPS will increase customer awareness on the benefits of energy efficiency and provide a means to achieve savings that are sustainable over time.

Another strategy of the Plan is to greatly accelerate the development and commercialization of new and emerging technologies to enable market transformation. By presenting a comprehensive strategy beyond just the short-term, low hanging fruit opportunities, PREPS will encourage schools to evaluate technologies they may not have otherwise considered and will help transform the marketplace by implementing more advanced gas efficiency technologies.

Finally, PREPS addresses the Plan's goal to train the next generation of the efficiency-related workforce and improve the knowledge and skills of the current generation by incorporating student learning opportunities where applicable. The Program will provide opportunities for students to participate in the energy audits and in the development of energy audit reports to gain a greater understanding of the industry, its technologies and common practices.

**6. Program Implementation**

**2013-2014 Energy Efficiency Programs  
Statewide Integrated Demand-Side Management  
Program Implementation Plan**

**a) Statewide IOU Coordination**

- i.** Program name
- ii.** Program delivery mechanisms
- iii.** Incentive levels
- iv.** Marketing materials
- v.** IOU program interactions with CEC, ARB, Air Quality Management Districts, local government programs, other government programs as applicable
- vi.** Similar IOU and POU programs

PREPS outreach activities will be coordinated closely with the utility and the utility Account Executives (AE) to ensure customers receive clear information on the full breadth of service offerings and incentives available to them. The Program will seek opportunities to co-host customer workshops and other third party program providers such as the schools program offered by Southern California Edison (SCE). The Program will incorporate efforts to coordinate with community agencies and their events, in an order to promote PREPS and enlist as many qualified and viable candidates for program participation. Continued effort will be made to work with the utility to develop co-marketing materials as necessary and coordinate presenting the information to customers via one-on-one meetings and/or at larger customer community venues.

The Program's base rebate levels will match those of SoCalGas's core programs.

**b) Program delivery and coordination**

- i.** Emerging Technologies program  
The Statewide Emerging Technologies Program seeks to accelerate the commercial introduction of novel energy-efficient technologies, applications, and analytical tools that are not widely adopted in California. During initial marketing efforts, products accepted by "innovators" may fail to gain wider acceptance with more risk-adverse customers, such as private schools. The PREPS approach is to include not just the typical upgrade applications typically found in the marketplace, but to work closely with the utility Emerging Technologies program to incorporate innovative technologies and building improvement strategies into its marketing education and outreach, audit reports and project implementation strategies. The result of this coordination will be wider acceptance of technologies that may not have been considered mainstream, and the development of specific case studies that can serve as examples of successful and innovative projects that other schools may wish to pursue.
- ii.** Codes and Standards program  
Not applicable to this program.
- iii.** WE&T efforts  
RSG will seek opportunities to present marketing education and outreach materials to school personnel and maintenance staff. Education will also be provided through presentation of audits and assistance in vendor selection and

**2013-2014 Energy Efficiency Programs  
Statewide Integrated Demand-Side Management  
Program Implementation Plan**

inspection through installation support services agreements. As with its current schools program in Northern California, RSG will also work with the utility to develop co-marketing materials as necessary and coordinate together as needed when presenting Program information one-on-one with specific customers or at larger venues.

**iv. Program-specific marketing and outreach efforts**

PREPS will rely on effective marketing methods listed below to reach targeted customers who provide the best opportunity for maximum efficiency gain. RSG will work closely with SoCalGas AEs assigned to the private schools segment to conduct research on the utility's various private school market sectors and identify customers for PREPS participation. Target segments (NAICS code 61), and individual customers will be evaluated and prioritized to inform RSG's initial marketing and outreach activities. Through a focused, coordinated outreach effort targeted to key private school segments, and during one-on-one customer meetings, the goal will be to capitalize on the greatest opportunities early in the program cycle and move high return projects into implementation.

*Customer Recruitment*

In 2013 - 2014 PREPS will be marketed through various channels such as, but not limited to vendors, utilities, and other industry channels to encourage a high level of program awareness and participation. In addition, the existing relationships with the schools network, industry trade associations and organizations, such as the National Association of Independent Colleges and Universities (NAICU) and the California Association of Private School Organizations (CAPSO) are available for contact. Within these forums, efforts to seek opportunities to attend venues to display information and educate potential participants about the Program and the benefits will be coordinated. Other efforts will include working with SoCalGas to develop and distribute program information and marketing materials synergistically with other utilities, third-party programs, and services available to the schools sector.

A customer-screening checklist that results with data that demonstrates a high level of interest and opportunity to upgrade/ replace inefficient equipment to evaluate each customer for the Program will provide information to adequately plan resources and project support and achieve the desired outcome to efficiently reach Program goals.

Presenting marketing and outreach materials early in program cycle to school personnel, maintenance staff, and vendors will be a primary effort. Such effort will include educating personnel on the costs and benefits of energy efficiency, the services available to complete projects and the process. Materials will also include co-marketing materials as necessary with the utility. Non-energy activities of program

Non-energy activities will include incorporating student-learning opportunities where applicable. RSG will coordinate with student organizations interested in

**2013-2014 Energy Efficiency Programs  
Statewide Integrated Demand-Side Management  
Program Implementation Plan**

learning more about energy efficiency, sustainability, energy use analysis, and project management as part of its service delivery activities. In addition, the program will work to co-host customer workshops and other third party program providers to inform potential participants of the Program and its benefits. The workshops will provide site specific energy efficiency information/training to district facility managers and decision-makers to develop an energy management strategy and implement cost-effective building improvements. Such plans will include potential reduction in operating costs and improve building operations.

**v. Non-IOU Programs**

The Program's close coordination with SoCalGas and other implementers will ensure that the team is aware of additional complementary program offerings that can improve the cost effectiveness of other program measures. In addition, by incorporating a comprehensive approach to the development of an energy management strategy, the program will provide complementary technical support services with an individual school, for retrofit opportunities, and streamline the delivery of energy efficiency services

**vi. CEC work on codes and standards**

Not applicable to this program.

**vii. Non-utility market initiatives**

Not applicable to this program.

**c) Best Practices**

PREPS incorporates a variety of approaches - from participation to project implementation – that are consistent with best practices employed in the industry today. The PREPS design is to target and pursue hard-to-reach customers and target program services accordingly. In addition, keeping the participation process simple and following a consistent recruitment and implementation strategy will lead to the completion of efficiency projects in a timely and efficient manner and minimize programmatic challenges.

Through the existing schools program in northern California, experience has demonstrated that it is necessary to inform utility representatives, industry service providers and customers early on in the program cycle. Such timing will take place during the launch phase so that there is a clear and consistent message of the program process, and the benefits to all participants. During the program design and implementation phase, opportunities to coordinate closely with both utility representatives and other providers will be made to ensure each is clear on the program model and identify opportunities to coordinate service delivery activities. A clear and well-defined message and a coordinated delivery approach will minimize customer confusion and lead to program participation and energy savings earlier in the cycle.

Another “lesson learned” is the need to identify early on in the process the potential opportunity from the customer and any potential resources required to complete the projects and the customers’ expectations and needs. Focus will be at the front end of the customer sign up and qualification process to better ascertain the true opportunities that

**2013-2014 Energy Efficiency Programs  
Statewide Integrated Demand-Side Management  
Program Implementation Plan**

exist with the customer and thoroughly evaluate the participant's level of interest and potential project opportunities. This effort will be more proactive in developing a customer strategy that justifies the level of effort based on the desired outcome instead of cutting a wide swath and conducting multiple audits that may not lead to project implementation and actual energy savings.

**d) Innovation**

PREPS provides an innovative, integrated approach in the following ways:

- Offers services that are customized to the needs and opportunities of each prospective customer and will seek the most comprehensive yet cost-effective approach to maximize the energy savings potential with each customer.
- Allows for identification of emerging technologies that can be included as a customized measure for existing buildings or in the design of new school facilities.
- Provides comprehensive audits that will address all cost-effective gas measures, and reports will rank investment opportunities based on a lifecycle cost analysis.
- Integrates information on other resource opportunities in the audit report when applicable.
- Offers Installation Support Services to help customers overcome a range of barriers, from the inability to convince decision-makers to invest in energy efficiency to the technical know-how required to manage the installation of measures.
- Speeds the process of the first-time efficiency upgrades for customers through the comprehensive audits and/or project-specific technical analysis and Installation Support Services which increases their confidence in the Program and validity of energy savings potential, demonstrating cost-effective savings to senior management, and securing the opportunity to conduct additional upgrades within the Program period.
- Ongoing customer interactions provide continued reminders of additional upgrade opportunities, and in many cases, lead to follow-up on projects and additional audits in facilities and locations going beyond the initial customer site.
- The incentive structure rewards customers for moving quickly to sign agreements and install measures.

**e) Integrated/coordinated Demand Side Management**

Although this is not an Integrated Demand Side Management program, the Program provides a comprehensive evaluation of gas saving opportunities, and when appropriate could also include electric and water saving opportunities. In addition, energy analyses will provide PREPS Participants with information about other SoCalGas Programs including demand response and onsite generation, when appropriate.

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

The Program will integrate water saving opportunities into energy audit reports when practical. Pool covers are a PREPS measure that will reduce both energy use as well as water use, and RSG will seek opportunities to promote both energy and water saving opportunities when applicable.

**2013-2014 Energy Efficiency Programs  
Statewide Integrated Demand-Side Management  
Program Implementation Plan**

**g) Pilots**

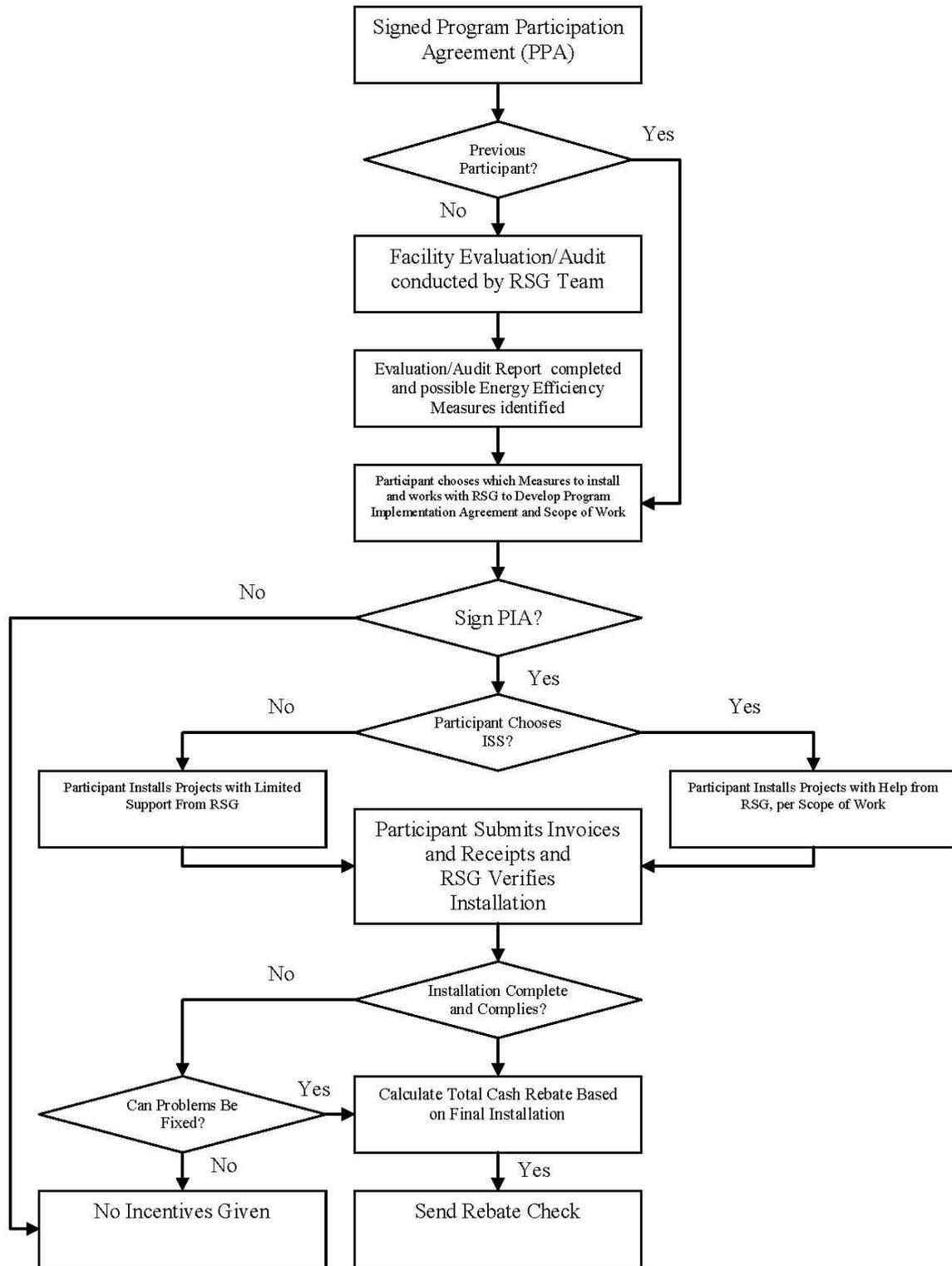
The Program has no pilots planned during 2013 - 2014.

**h) 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 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. PREPS will further provide full coordination and cooperation with all post program EM&V and utility post-installation inspection programs. Full documentation of individual project audits, installation support, calculated savings, and on-site verification will be available to utility personnel and third party EM&V staff upon request.

**2013-2014 Energy Efficiency Programs  
Statewide Integrated Demand-Side Management  
Program Implementation Plan**

**7. Diagram of Program**



**2013-2014 Energy Efficiency Programs  
Statewide Integrated Demand-Side Management  
Program Implementation Plan**

**8. Program Logic Model**

