

OG&E Arkansas Schools and Government Efficiency (SAGE) Program Manual

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TABLE OF CONTENTS

PROGRAM OVERVIEW	2
Program Description.....	2
Program Objectives.....	2
PROGRAM MANAGEMENT & CONTACT	3
PROGRAM ROLES & RESPONSIBILITIES	3
PROGRAM ELIGIBILITY	4
Participant Eligibility	4
Contractor Participation and Eligibility	4
PROGRAM INCENTIVES AND MEASURES	5
Incentives by Measure	5
Measure Descriptions.....	5
Incentive Basis	7
NON-CASH BENEFITS OF THE PROGRAM	8
PARTICIPATION PROCESS	9
Project Application Process.....	9
Incentive Reservation/Application Process.....	9
Incentive Payment Process	10
Limits on Participation	10
Program Process	11
QUALITY MANAGEMENT PROCESS (QAQC)	12
Quality Assurance (QA).....	12
Quality Control (QC).....	12
ADDITIONAL NOTICES AND DISCLAIMERS	13
DEFINITIONS	14
FREQUENTLY ASKED QUESTIONS (FAQs)	15
PROJECT COMPLETION PROCESS	17

PROGRAM OVERVIEW

Program Description

The Schools and Government Efficiency (SAGE) Program is offered to governments, government-owned institutions and public/private education entities that are customers of Oklahoma Gas & Electric Co. in the Arkansas service territory (OG&E). Designed to help facility supervisors who want to operate facilities more efficiently, the SAGE Program outlines the technical and financial benefits of investing in energy efficiency and developing a plan to make energy efficiency improvements to your facilities. All customers enrolling in the Program, are referred to as a Program Participant (Participant) and receive technical and energy-related assistance to help make decisions about cost-effective investments in facility energy efficiency.

Under this Program, Participants are eligible for financial incentives connected to a variety of energy efficient measures. Additional benefits that may be available include, but are not limited to energy benchmarking, energy master planning, technical assistance, and communications support. In general, the Program does not prescribe technologies or end-uses to Participants, but instead provides a framework through which they can receive incentives for implementing and installing a wide range of measures.

Program Objectives

The Program is designed to drive cost-effective energy efficiency in the marketplace while minimizing the impact of market barriers to implementation of energy efficiency. Some objectives are inherent to transforming the energy efficiency market, while others are benefits that are offered to facilities and facility management. The SAGE Program is designed to:

- Overcome barriers that hinder the implementation of energy efficiency projects
- Provide energy efficiency information, enhance awareness of energy and non-energy benefits
- Ease budget constraints that typically rule out energy efficient technologies and associated higher "first costs"
- Improve understanding about potential payback for installed energy efficiency projects
- Enhance awareness of and technical assistance for energy-efficient technologies
- Provide assistance to help customers address energy efficiency at all major end-uses
- Address needs to avoid any lost opportunities within a facility
- Promote cost-effective energy efficiency projects that maximize the net benefit to both customers and OG&E
- Provide adequate evaluation, measurement, and verification (EM&V) resources to support the implementation of energy efficiency projects
- Transform the market through training, education, and the implementation of the Program to make energy efficiency a primary consideration for customers
- Identify and support the implementation of cost-effective and comprehensive energy savings projects for OG&E customers to meet annual energy savings goals
- Leverage cash incentives to assist you in implementing cost-effective projects under the Program
- Develop a strategic plan for the implementation of multiple phased projects

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PROGRAM ROLES & RESPONSIBILITIES

Program Sponsor: OG&E

- Provides all funding for the energy efficiency Program and the Program incentives
- Manages the energy efficiency Programs and oversees implementation

Program Evaluator: ADM & Associates, Inc.

- Provides oversight of program implementation to verify that savings claimed in the program is correct, valid, and adequately documented
- May perform post-retrofit on-site inspections, measurements, or phone conversations to collect data for program savings verification
- Provides updates to program calculation methodologies through annual TRM updates
- Surveys program participants to determine if program implementation is meeting their needs and expectations
- Surveys customers to determine if program outreach is adequately informing the market of the energy efficiency program opportunities

Program Implementer: CLEARResult, Inc.

- Performs outreach and education about the energy efficiency program
- Provides energy efficiency assistance to program participants (at no cost). For example, benchmarking and energy master planning services
- Assists program participants and trade allies with program documentation
- Performs all required on-site inspections and documentation
- Provides calculations on energy savings potential for identified projects
- Assists in evaluation of financial metrics for energy efficiency projects (payback, ROI, etc.)
- Processes and delivers incentive checks for successful projects

Program Participant: OG&E Customer

To participate in the Program, Participants must:

- Execute the Participation Agreement
- Contact the Program Implementer to schedule a facility assessment or engage in benchmarking and energy master planning services
- Submit a Project Application to reserve incentives for qualifying energy efficiency projects
- Exert best efforts to approve, fund, install and report projects by end of Program year
- Contact the Program Implementer when projects are completed and allow staff to perform a post-inspection
- Provide access to Program Implementer staff (as well as QA/QC Evaluator staff) to facilities both before and after project completion for inspection of the baseline and post-retrofit condition as required.

Contractors

To participate in the Program a Contractor must:

- Adhere to Program guidelines set out in this Program Manual
- Work with Program implementation staff to take advantage of technical assistance
- When developing a possible energy efficiency project, work with Program implementation staff to verify customer eligibility and assist in the development of project scope for the identified energy efficiency measures for which the Contractor may be responsible
- Share with Program staff adequate project information on proposed projects to allow the calculation of energy savings and incentives for the Program Participant
- Review the pre-inspection data and confirm that Program Implementer has included the proposed project scope correctly in that communication
- Install eligible energy efficiency measures and submit appropriate documentation as requested by Program Implementer
- Perform all work to the required standards of the Program

PROGRAM ELIGIBILITY

Participant Eligibility

Any local public or private entity customer (Example: K - 12 schools, higher education, and municipalities) that receives retail electric service from OG&E may be eligible for the SAGE Program. Organizations with multiple locations are considered a single customer, regardless of how many OG&E account numbers they may have. However, projects will be separated by utility account number for reporting purposes to OG&E.

Contractor Participation and Eligibility

Contractors are members of various trades that meet all Program qualifications and standards (listed below). Contractors may continue to participate in the Program if they remain in compliance with all Program requirements.

Technical Requirements for the Contractor

- Understanding of basic building science principles
- Experience in installing measures they offer the Participant

Tools Required for Contractor

- Own, use and maintain all tools used so that all materials may be installed to manufacturer specifications.

Quality Performance Requirements for Contractor

The Contractor, upon request from the Program Implementer and at no additional cost to you, shall make reasonable repairs or corrections to work that the Contractor has performed to bring such work up to Program standards. Repairs or corrections are to be completed within the timeframe specified by the Program Implementer. The Contractor also agrees to take steps to ensure that future work will comply with the Program standards.

Contractor Documentation Confidentiality

Contractors should note that the Program is in place to drive energy efficiency in the OG&E service territory. Any Program documentation collected for a proposed project within the OG&E programs will

be secured and will not be shared with anyone except the Participant for whom it was developed. All information submitted is considered the property of the Program Participant. The information may be shared with that customer upon request unless that documentation is clearly labeled as CONFIDENTIAL on each page of the documentation. All information labeled as confidential will be verified with the provider prior to sharing with the Program Participant.

PROGRAM INCENTIVES AND MEASURES

Incentives by Measure

A measure, for the purposes of calculating incentives, is a single proposed energy efficiency improvement at either a single facility or multiple facilities. A project is a planned set of measures for a single Participant (at either a single facility or multiple facilities) as listed on the Project Application.

Both new construction and retrofit projects are eligible for incentives under this Program.

All measures within a project must be confirmed at pre-installation inspection and must meet the following requirements:

- Must result in a measurable and verifiable reduction in energy usage (kWh)
- Must produce energy savings through an increase in energy efficiency
- Must be cost effective as defined by OG&E and CLEAResult
- New equipment must exceed minimum equipment efficiency standards
- Must not develop any savings as a result of fuel switching

The incentive rates for the Program have been designed to encourage Participants to implement comprehensive energy efficiency upgrades. There are multiple incentive rates available depending on the type of measure to be installed. Below is a quick and easy reference guide for incentive rates and associated measures:

Deemed Savings Measures	Performance Based (\$/kWh)	Total Project Cost Cap*
PC Power Management	\$0.10	Up to 90%
**Direct Install Measures	Full costs are covered by Program	Up to 100%
All other measures	\$0.13	Up to 90%

*If energy savings allow, incentives may be capped by the total project cost.

**Direct Install measures may include, but not be limited to low-flow aerators (when supplied by electric water heaters only), low-flow pre-rinse spray valves (when supplied by electric water heaters only), low-flow showerheads (when supplied by electric water heaters only), weather stripping and door sweeps.

Measure Descriptions

Measure Type	Measure Description
Lighting Retrofit	Lighting retrofit projects replace existing lighting systems with more efficient lighting systems. A variety of high efficiency fixtures, ballasts and lamps produce equivalent light levels as previous technologies while consuming less energy.
	A variety of lamp and ballast combinations exist may be eligible for this Program depending on the technology installed at a facility.

Measure Type	Measure Description
Lighting Controls	<p>Automatic lighting controls save energy by turning off or dimming lights at times when they are not in active use. Many varieties of sensors are available including passive infrared (PIR), dual- technology, integral occupancy sensors, photocells, which can be coupled with a variety of control strategies including day lighting controls and occupancy controls timer controls.</p> <p>For certain conditions, light reduction and automatic controls are mandatory for new construction and retrofit projects.</p>
Exterior Lighting	<p>Energy saving opportunities applies to both improved lighting performance and enhanced control strategies. For example: retrofitting less efficient HID technologies with LED lighting and occupancy-based technology are good candidates for exterior applications.</p>
HVAC Replacement	<p>Eligible units for replacement include small split systems and single package air conditioners and heat pumps.</p>
Chiller Replacement	<p>Chillers are commonly used to provide cooling for a variety of building types and process loads. The most common applications are for larger cooling loads (Example: 50 to 100 tons and greater).</p> <p>This measure applies to the replacement of air-cooled and water-cooled chillers with more energy efficient chillers.</p>
HVAC Controls	<p>HVAC controls are eligible in OG&E programs when no other controls previously exist or where existing controls can be modified or improved to provide measurable energy savings. Controls can be installed on building HVAC systems or central plant equipment to help control common operating parameters such as: temperature, humidity, chilled water temperature, etc. for more effective use of the HVAC system.</p>
VFD Motor Drives	<p>A Variable Frequency Drive (VFD) controls the rotational speed of an electric motor by controlling the frequency of the electrical power supplied to the motor. VFD's allow for soft starts and can be optimized to better match system loads, reducing stress, and improving the motor life. VFDs work well when used with systems that have motors that can operate at lower speeds. The installation of VFD's that show measurable energy savings are eligible under the Program</p>
Improved Building Design (New Construction Only)	<p>Incentives are provided for facility systems and components built above and beyond required energy codes. These measures will be incentivized as a part of the individual measure type (lighting, HVAC, etc.) as listed below for the purposes of qualifying for tiered incentives and are not separate measures from retrofits of similar technology.</p> <p>Example: if a Participant is installing a lighting retrofit at one facility and is building a new facility with a qualifying lighting project, all the lighting measures are considered one lighting measure for the purposes of calculating tiered incentives.</p>
Refrigeration	<p>Several refrigeration measures may be eligible for upgrades or replacement in OG&E SAGE include, but are not limited to:</p> <ul style="list-style-type: none"> • Evaporator fan upgrade to EC Motor. • Evaporator fan controls. • Anti-sweat heater controls. • Refrigerated door gaskets and strip curtains. • Night covers.
Direct Install	<p>Several measures may be eligible for upgrades or replacement at no cost including, but not limited to:</p> <ul style="list-style-type: none"> • Low flow pre-rinse spray valves. • Low flow faucet aerators. • Low flow shower heads. • Door Sweeps. • Weather Stripping
Personal Computer Power Management (PCPM)	<p>PCMP utilizes computer software to turn off the power or switch of the computer and monitors systems to a low-power state when inactive. This method of energy efficiency is highly attractive to both cities and schools where a significant number of computers exist.</p>

Incentive Basis

Financial incentives received by a Participant through the Program will be based on a project's total annual kWh reduction as determined pursuant to this Program Manual or custom calculation, when applicable. Savings are calculated using one of several savings approaches. Participants must select a Contractor or other service provider to install the measure(s) within the project. The Program Implementer will select and implement an appropriate savings measurement and verification plan (including installing field monitoring equipment when applicable).

Participants may submit suggested measures, along with a suggested Evaluation, Measurement & Verification (EM&V) approach to the Program Implementer. Any suggested approach must include adequate calculations or monitoring to justify savings as determined by the Program Implementer in order for the measures to be considered for incentives under the Program.

- **Deemed or Stipulated Savings:** deemed savings are standardized savings values or formulas for a range of measures in representative building types. This approach is suitable for a variety of projects where energy savings may be estimated to a reasonable degree of accuracy without additional EM&V. Variables such as operating hours and energy consumption of existing equipment are assumed in these cases according to previously gathered field data or acceptable values may be governed by the Arkansas TRM as approved by the APSC. For example, lighting installed by the Program qualifies for a deemed savings approach, meaning that estimated energy consumption savings are determined without additional testing. Engineered savings calculations may be acceptable on a case-by-case basis subject to Program approval.
- **EM&V Option A ("Retrofit Isolation: Key Parameter Measurement"):** the primary aspect that affects energy use is measured, usually with data logging equipment. Example: pump VFD installation.
- **EM&V Option B ("Retrofit Isolation: All Parameter Measurement"):** all aspects that affect energy use are measured. Typically, the actual energy use of the system is logged. All parameters that affect energy use, such as temperature of an HVAC system or occupancy, must be measured. For example, a project where installed equipment will have substantial interactive effects may require the use of this EM&V option.
- **EM&V Option C ("Whole Facility: Bill Analysis"):** when savings are expected to be more than 10 percent of the whole building's energy use, Option C may be used. This option involves collecting at least a year's worth of utility bills or sub-meter data for a facility. Example: Retro-commissioning of a facility, involving numerous operational and control changes that have complex interactions.
- **EM&V Option D ("Whole Facility: Calibrated Simulation"):** Option D is typically utilized for new construction buildings or major retrofits. Instead of measuring energy use, the facility is modeled with building modeling software like eQUEST. Example: new construction project involving numerous efficiency improvements that have complex interactions.

The methodologies for savings measurement and verification described above differ in terms of detail and rigor. Some are utilized based upon the predictability of equipment operation, availability of evaluation data from previous Programs and benefits of the chosen measurement and verification approach relative to its cost. Ultimately, the Program Implementer has the discretion to choose or confirm the EM&V option that shall be utilized for your project(s).

NON-CASH BENEFITS OF THE PROGRAM

Several non-cash benefits may be available including, but not limited to:

During an energy assessment, the participating trade ally and/or CLEAResult will identify opportunities to install energy saving devices with customer permission. These devices provide customers with instant energy savings and are installed at NO COST. Please note that some of these measures are only available for installation at sites where customers have electric water heaters. These direct install measures include pre-rinse spray valves, faucet aerators, LEDs, vending misers, and weather stripping.

Energy Performance Benchmarking - CLEAResult will provide each participant with training and guidance for developing their own Energy Master Plan (EMP). EMPs are designed to overcome entrenched institutional problems by preempting them before they occur and replacing them with better procedures that help eliminate practices that may be viewed as counterproductive to energy efficiency (such as installing low- first-cost systems).

Energy Performance Benchmarking – CLEAResult benchmarks any current energy usage using the U.S. EPA's ENERGY STAR® Portfolio Manager® tool. This tool provides a rating for the performance of buildings on a scale of one to 100 relative to similar buildings. Other benchmarking metrics include cost per occupant, cost per square foot, etc.

Energy Master Planning – CLEAResult will provide each participant with training and guidance for developing their own Energy Master Plan (EMP). EMPs are designed to overcome entrenched institutional problems by preempting them before they occur and replacing them with better procedures that help eliminate practices that may be viewed as counterproductive to energy efficiency (such as installing low- first-cost systems).

Continuous Energy Improvement – Utilize CLEAResult's national support services to implement a behavioral management service, which can drastically reduce a districts energy consumption through no-cost measures.

Technical Support – CLEAResult will provide technical support to help assess and evaluate various energy efficiency upgrades to determine which projects are estimated to be optimal in terms of lifecycle costs. Once potential projects are identified, a project application must be completed and submitted to indicate an intention to complete a project and reserve an incentive. CLEAResult will provide the application form as well as assistance in completing the form.

Education – If participants choose to fund their upgrades with traditional funding sources, the SAGE Program also offers resources that could educate senior decision makers on how to leverage outside sources of funds through performance contracts, lease-purchase agreements, and third-party financing.

Recognition – CLEAResult may provide news releases and other communications support to whom it may concern, which are designed to inform each community about the steps being taken to improve the energy performance of facilities, reduce operating costs, and using budget dollars more efficiently.

PARTICIPATION PROCESS

The program is designed to encourage trade allies to recruit participants from OG&E key accounts, past program participants and trade ally references. After a project has been identified, a thorough scope of work should be submitted. CLEAResult will schedule a pre-installation inspection of relevant facilities, as needed, for purposes of confirming the information that is submitted in this scope of work. Upon a satisfactory pre-inspection, CLEAResult will create incentive calculations and provide an incentive report for review. After passing a preliminary engineer review, CLEAResult will deliver a project application encompassing the scope of work and anticipated incentive amount to the participant.

Once the participant has selected the project(s) to implement and funding has been secured, the program will help fill out the technical sections of the project application to reserve incentive funding. After completing the project, CLEAResult will schedule necessary post-installation inspections and request incentives for the participant.

Program metrics are subject to annual review based on regulatory requirements, independent evaluation and verification, and other circumstances outside the control of the program. CLEAResult and OG&E reporting requirements and other documentation could change based upon this review. After completing the project and receiving incentives, one may be contacted by an independent evaluator to verify information gathered by the program and/or to review on-site equipment installation. Participants/contractors may be contacted by this independent third-party evaluator in the year immediately following the year of participation for the purposes of project verification and evaluation.

Project Application Process

For purposes of this program, a project is defined by a set of proposed energy savings measures included in a single project application. Comprehensive projects that include a range of measure types are encouraged. Note that the participant agreement must be executed to initiate the process. Ultimately, a project application will be completed by the program for review and approval to move forward with the project(s). The project application is completed and sent to CLEAResult for final approval and reservation of incentive funding.

All Projects must pass a cost-effectiveness test in order to be eligible for incentives. In order to evaluate this, all project costs must be submitted to CLEAResult before incentive funding can be applied for and reserved. This includes the cost of the equipment and its installation.

Incentive Reservation/Application Process

1. Upon receipt of a signed and dated *Project Application*, the Program Implementer will review it for completeness, accuracy, and eligibility.
2. If the project is approved, the Program Implementer will notify the Participant that incentive funding has been reserved for the project(s).
3. If the project is rejected, the Program implementer will contact the Participant and request corrected data or provide a reason for rejection.
4. The Program Implementer will schedule a pre-installation inspection of your facilities for approved projects to validate information submitted in the *Project Application*.
5. The anticipated project completion date must be communicated to the Program Implementer. This will aid in planning for final project verification and post-installation inspection prior to receiving the incentive payment. The completion date of a project should not extend beyond November 15th of the current Program year unless otherwise approved in writing by the Program Implementer.

6. If oversubscription to the Program should arise, unpaid Participant projects that have been completed and closed by the Program Implementer will be placed on a waiting list for incentive payment the following Program year.

Participants projects on the waiting list may receive incentive funding within the current Program year if other projects for which funding was reserved becomes available. The project must be completed in the year in which the funds are reserved.

Incentive Payment Process

Deemed savings projects: Participants may receive an incentive payment up to 100 percent of the final calculated incentive amount set forth in the approved *Project Application* after the project(s) are installed, documented, and verified. Participants are encouraged to contact the Program Implementer prior to installation of additional measures not identified in pre-installation inspections to determine whether additional funds may be available. Incentive funds more than the estimated amount may be paid based on final calculated savings only if the Program is not fully subscribed at the time of project completion.

EM&V projects: Participants may receive 40 percent of the total estimated incentive amount set forth in the approved *Project Application* after the project(s) are installed, documented, and verified. The remaining incentive may be calculated based on the final EM&V report and may be paid once the EM&V results are reported. Additional measures installed that were not identified in the *Project Application* and confirmed by the pre-installation inspection may be eligible for additional incentive funds when incentive funds are available. Participants are encouraged to contact the Program Implementer prior to installation of additional measures to determine whether additional funds may be available. Incentive funds more than the estimated amount may be paid based on final calculated savings and only if the Program is not fully subscribed at the time of project completion.

Incentives are paid by check directly to participant or contractor as explained above. Payee is determined on the Participation Agreement (must be either participant or contractor).

Limits on Participation

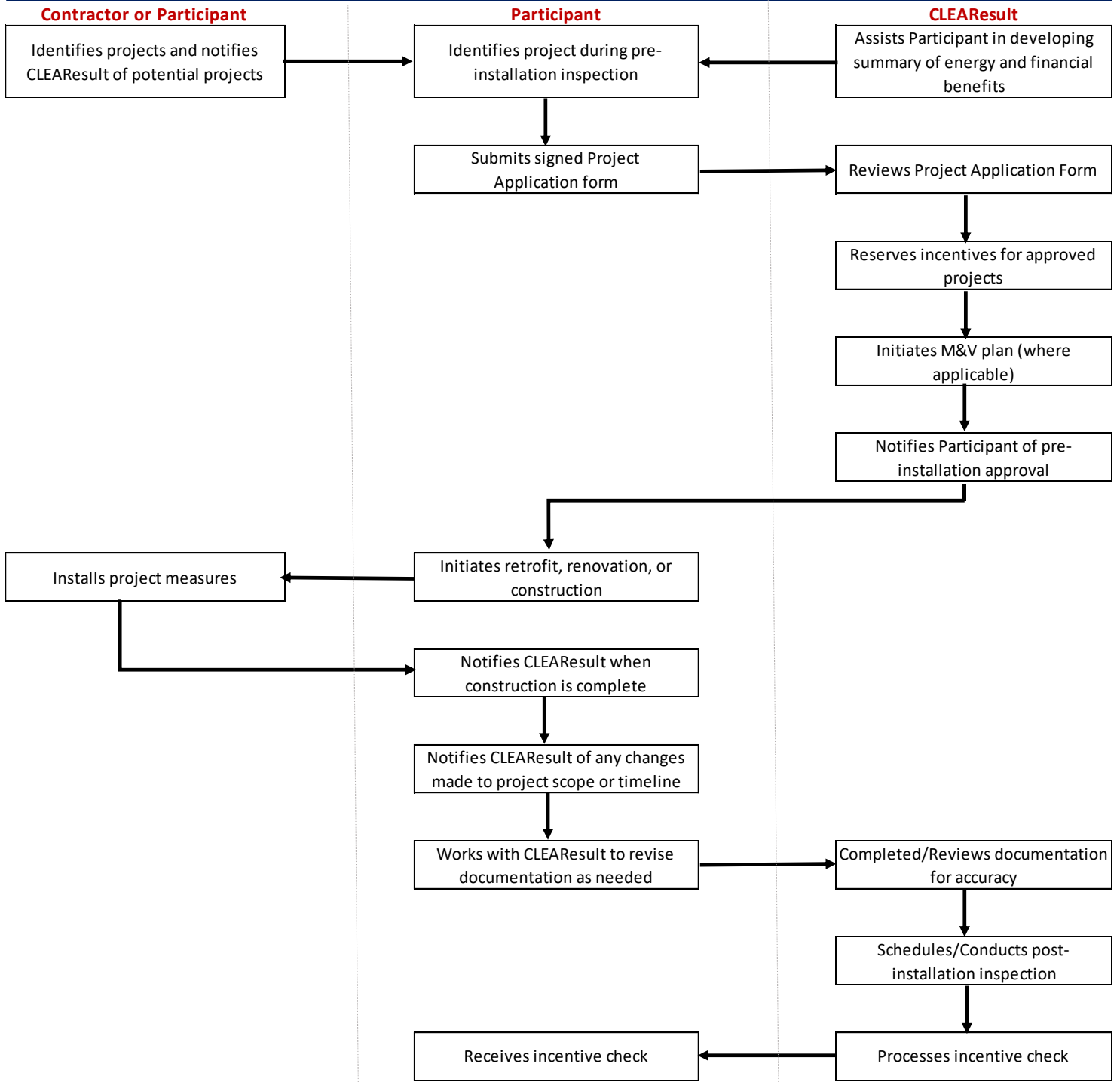
To ensure incentives are available for multiple projects, Participants may not receive more than 25 percent of the OG&E CEEP Program budget in any program year.

If incentive funds are still available after June 1st of the current Program year, the Program Implementer may waive the 25 percent cap to ensure the Program is fully subscribed.

See the figure below for more details on the Program process, which does not include the third-party Evaluation Measurement & Verification discussed herein. The Program process flow chart below illustrates contact points and responsibilities of each party involved in the process.

Program Process

SCHOOLS AND GOVERNMENT Program Process



QUALITY MANAGEMENT PROCESS (QAQC)

Quality Assurance (QA)

<p>Program Process (QA)</p>	<p>Contractors will work with the Program Implementer to ensure that all steps are taken to receive an incentive.</p>
<p>Application Review (QA)</p>	<p>Incomplete <i>Project Applications</i> may be rejected and sent back to the Participant for correction. A project may not receive a reservation of incentive funding until the Project Application is completed appropriately and approved by the Program Implementer.</p>

Quality Control (QC)

<p>Post-Installation Inspections (QC)</p>	<p>Completed projects will be subject to a pre- and post- installation inspection. If the project fails pre-inspection, additional inspections may be conducted to determine whether there is reasonable assurance that the project has been documented and that the actual savings can be verified. Adjustments to the Project Application may be required. Depending on the discrepancies found, the incentive amount may increase or decrease.</p>
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ADDITIONAL NOTICES AND DISCLAIMERS

OG&E or CLEAResult

The selection of a Contractor to perform work is the sole decision of the property owner, customer, or authorized lessee/occupant. Work performed by participating Contractors is not guaranteed or subject to any representation or warranty either expressed or implied or otherwise by either OG&E or CLEAResult. Neither OG&E nor CLEAResult makes any guarantee or any other representation or warranty, expressed or implied or otherwise, as to the quality, cost, or effectiveness of any product(s) provided or work(s) performed by any participating Contractor by any such participating Contractor's employees, subcontractors, or suppliers.

Energy efficiency gains are subject to several variable conditions and circumstances. While it is the intent of the Program to achieve energy efficiencies at your facilities neither OG&E nor CLEAResult guarantees or warrants that any specific energy efficiency gains will be achieved for a customer under the Program.

Participating Contractors

Each Participating Contractor shall, to the fullest extent allowed by applicable law, indemnify, protect and hold harmless CLEAResult, OG&E, their affiliates, their contractors and each of their officers, directors, control persons, employees, agents and representatives (all of the foregoing being herein referred to, individually and collectively, as the "Indemnities") from and against any and all losses, damages, claims, liabilities, costs and expenses (including attorney's fees) that may be imposed on, incurred by, or asserted against the Indemnities or any of them by any party or parties (including, without limitation, a governmental entity), caused by, arising from, relating to or in connection with, in whole or in part, directly or indirectly: (a) such participating Contractor's act or omission that results directly or indirectly in any property damage, personal injury or death in connection with the performance of any work by such participating Contractor, (b) any violation of law by such participating Contractor or (c) the treatment, storage, disposal, handling, transportation, release, spillage or leakage by such participating Contractor of any hazardous substance in any form. **THIS INDEMNITY SHALL APPLY EVEN IN THE EVENT OF THE CONCURRENT NEGLIGENCE, ACTIVE OR PASSIVE, OF ANY OR ALL INDEMNITEES.** Indemnities, respectively, at their option exercisable by written notice to such participating Contractor, may require such participating Contractor to defend any or all suits or claims concerning the foregoing.

DEFINITIONS

Custom Measure: An energy efficiency measure that does not have a prescriptive calculation methodology. This type of measure requires measurement and verification to accurately quantify demand and energy savings.

EE: Energy Efficiency

Energy Master Planning: The process of reviewing Energy Performance Benchmarking reports and establishing a strategic approach to the effective use of energy, which may include the implementation of energy efficiency measures.

Energy Performance Benchmarking: A comprehensive analysis of facility energy use, which provides a rating for the performance of buildings (typically on a scale of 1 to 100) relative to a peer group of facilities using regional data. This evaluation may be used to identify energy efficiency measures or can be used as a tool for Energy Master Planning.

Facility Assessment: A preliminary facility walkthrough performed by the Program Implementer or a Contractor to determine energy savings opportunities. An assessment does not necessarily provide adequate inspection documentation and additional on-site verification may be required for identified energy efficiency projects.

Feasibility Study: A comprehensive energy savings evaluation and life cycle cost analysis (prepared by a licensed engineer or other professional) that evaluates the Participant's opportunities for energy savings at their facility using established calculation methodologies and computer simulated energy models

Incentive: A one-time payment to the Participant (or a designated assignee) for energy efficiency projects completed through the Program.

Incentive Rate: A defined value of incentive dollars on a per unit basis to calculate total incentive.

kW: The abbreviation for kilowatt (equal to 1,000 watts), which is the unit of measurement for electrical demand or power.

kWh: The abbreviation for kilowatt-hour, which is the unit of measurement for electrical energy use. One kWh is the amount of energy consumed using one kW for one hour.

Measure: A single proposed energy efficiency improvement at either a single facility or multiple facilities.

Measurement and Verification: The process of observation and measurement that establishes the energy use of a proposed energy efficiency measure for both pre-retrofit and post-retrofit conditions that allows the calculation of energy savings. This process may also require gathering data on correlating factors for a specific system or facility such as: production, occupancy, operating hours, or similar metrics.

Participant: Any local public or private entity customer (Example: K - 12 schools, higher education, and municipalities) that receives retail electric service from OG&E within the Arkansas service territory.

Participation Agreement: A document that enrolls a Participant the Program

Pre-Installation Inspection: A facility walk-through inspection performed by the Program Implementer prior to installation of energy efficiency projects to verify and document proposed or identified energy efficiency upgrades within a Participant's facility.

Prescriptive Measure: An energy efficiency measure that has a prescriptive calculation methodology, given in the Arkansas TRM. This type of measure does not require measurement and verification.

Post-Installation Inspection: A facility walk-through inspection performed by the Program Implementer or Program Evaluators after implementation of energy efficiency projects to verify and document proposed or identified energy efficiency upgrades within a Participant's facility.

Program Evaluator: An independent party that reviews the documentation and calculations completed by the Program Implementer and provides technical guidance on the Program.

Program Implementer: Technical and administrative consultants hired by the Program Sponsor to operate the energy efficiency program.

Program Sponsor: The electric utility funding and operating the SAGE Program.

Project: A planned set of energy efficiency measures for a single Participant (at either a single facility or multiple facilities) as proposed by the Program Implementer or a Contractor.

Project Application: A document provided by the Program Implementer and executed by the Participant that outlines proposed energy efficiency measures, estimated savings, and project incentive. Acknowledged receipt by the Program Implementer will reserve an incentive for the Participant.

Tier: A unique measure (or combination of measures) that when evaluated for an energy efficiency project may provide enhanced incentive rates for comprehensive projects.

TRM: Technical Reference Manual

FREQUENTLY ASKED QUESTIONS (FAQs)

What is the SAGE Program?

The SAGE Program is designed for local public entities that receive retail electric service in the OG&E Arkansas service territory. The Program helps senior managers and facility managers to make decisions to operate buildings more efficiently. Understanding the technical and financial benefits of investing in energy efficiency helps you develop a plan to make energy efficiency improvements.

Who is Eligible for the SAGE Program?

Any local public entity customer receiving retail electric service from OG&E in the Arkansas service territory may be eligible. A customer is defined by a single Tax ID number. Multiple locations of an organization are considered a single customer, regardless of how many OG&E account numbers they may have. In general, cities having more facility square footage and higher energy usage receive greater Program benefits.

How Does a Customer Enroll to Participate in the Program?

To participate in the SAGE program, the participating local public entity signs a Participation Agreement with OG&E. The Participation Agreement describes Program commitments, which includes agreement to the conditions and processes set forth in the Program Manual. The Program Implementer will contact Participants who submit the Participation Agreement and provide details on Program participation, benefits, and requirements.

What are the Next Steps after I have Enrolled in the Program?

After the SAGE Participant has joined the Program by submitting a properly executed Participation Agreement, you can complete energy benchmarking, master planning (if applicable) and identify energy efficiency upgrade projects you wish to undertake.

Who Decides what Energy Efficiency Technologies to Install or Who will Install Them?

The Participant is the sole determinant of which energy efficiency measures recommended are implemented. The Program does not provide installation of energy efficiency measures and is neutral on whether the work is performed in-house or by a Contractor.

What is Energy Benchmarking?

Benchmarking the energy performance of the Participant buildings or facilities is completed with the use of US EPA's Portfolio Manager Tool. Information is entered with the estimated energy use of the facility, where the facilities are located geographically, number of occupants typically in the building and information about certain types of equipment. Once this information is collected and submitted to the tool, the output is a numerical score from 1 to 100. Higher benchmark scores result in better energy performance; conversely, lower scores result in poorer energy performance. After the scores are estimated, Participants in the Program can work with the Program Implementer to determine the energy efficiency opportunities in their facilities and to prioritize their efforts.

What is the Energy Master Plan?

The Energy Master Plan is a document developed by focusing on short-term and long-term strategies to manage and reduce energy usage. The document is developed after a workshop in which best practices in the industry are reviewed.

How are Energy Efficiency Opportunities Determined?

The Program helps identify energy efficiency opportunities within a Participant's facilities. Once the opportunities are identified, the Program works to find resources to assist you.

How Much Time should I Expect to Invest in the Program?

We expect one to spend 30-50 hours on program functions over the course of a year. Typically, the amount of time participants are engaged in the program is directly related to the benefit participants realize. The amount of time invested ultimately will influence the extent of results received.

What are the Incentives?

Non-cash benefits, such as energy measure identification, benchmarking, calculations support and assistance, public relations, and EM&V of completed projects are available to you. Cash incentives for eligible energy efficiency measures are based on (kWh) energy reductions and are listed in this document.

PROJECT COMPLETION PROCESS

1. Pre-Installation Inspection

A CLEAResult representative conducts a pre-inspection to verify existing conditions and equipment.

2. Project Application

The Customer submits a Project Application that outlines the final project specifications, estimated savings, and incentive reservation amount. A CLEAResult representative verifies the final project is eligible for incentives and determines the EM&V requirements.

3. Installation

The customer selects a contractor and installs the eligible measures.

4. Post-installation Inspection

A CLEAResult representative conducts the necessary post-inspections to verify the upgrades.

5. Measurement & Verification (M&V)

A CLEAResult representative oversees/conducts any necessary EM&V. If using the Deemed Savings method, the representative will calculate the final savings based on the post-installation inspection.

6. Project Close Out

A CLEAResult representative submits the final project documentation to OG&E AR for initiation of the incentive payment process. Customer received the incentive payment within 2-4 weeks.

Note: A CLEAResult representative is available to complete a no-cost Walk-through Assessment to aid the Customer in identifying viable energy saving projects.

Please send the completed application and a signed current IRS W-9 Form to:

CLEAResult
3600 Old Greenwood Road, Suite 1
Fort Smith, AR 72903

Contact: CLEAResult
Phone: 844.413.3065
Email: commercial.ar@CLEAResult.com