



AACOG
Alamo Area Council
of Governments

State and Local Energy Incentives Workshop

February 20, 2025

Who We Are



In partnership with the State Energy Conservation Office (SECO), AACOG's Regional Energy Management Program provides resources to improve energy efficiency and management for local governments, educational institutions, and private entities. AACOG provides workshops and technical assistance on a variety of energy management, energy efficiency, and renewable energy topics.

Regional Energy Management Survey

The State Energy Conservation Office (SECO) requires we identify specific Regional Energy Management interests, needs, priorities for use in the development of 2025 program activities and workshops.

Tell us About

- **Energy Management Resources and Services Needed**
- **Barriers to Local Government Energy Reporting**
- **Priority Interests**

[Take Survey Here](#)



SECO Programs & Opportunities

Eddy Trevino, Director



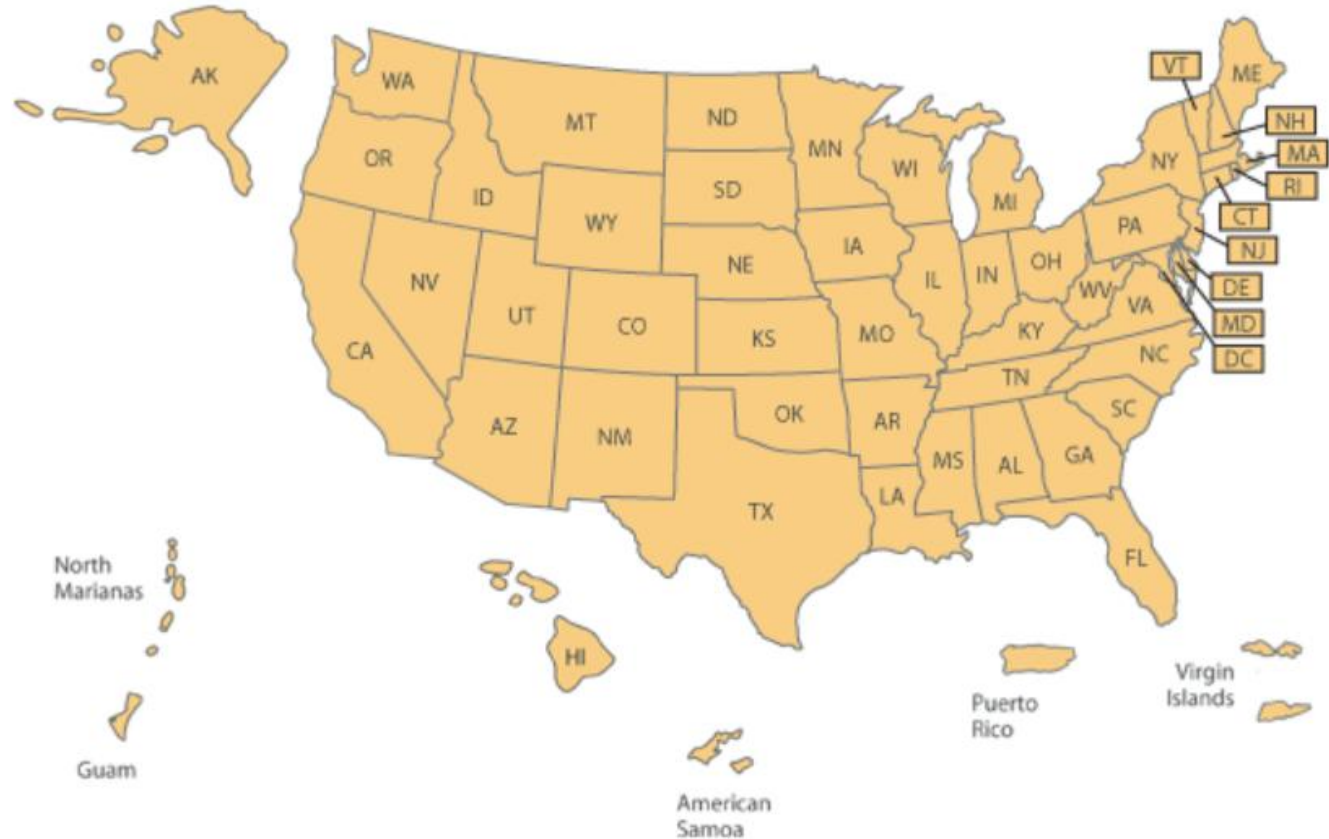
GLENN HEGAR, TEXAS COMPTROLLER OF PUBLIC ACCOUNTS

State Energy Offices

50 states, District of Columbia, five U.S. territories

Federal Funding

- Formula Awards
- Competitive Awards
- Reimbursable funding





Target Audiences

- Public higher education
- Local and county governments
- State agencies
- Public hospitals
- Quasi governmental entities



Preliminary Energy Assessments (PEAs)

- Details recommendations for cost-effective resource efficiency measures to reduce utility consumption/costs
- Includes:
 - Analysis of utility bills
 - Recommended maintenance procedures
 - Informal on-site training for maintenance staff
 - Follow-up visits to assist with implementation of recommendations
 - Development of an overall energy management policy
 - Facility benchmarking using ENERGY STAR Portfolio Manager

Preliminary Energy Assessment Service Request Form
Form# 50-852

PRINT FORM RESET FORM

SECO
State Energy Conservation Office

Public Entity Name _____ Telephone _____
Contact Person _____ Title _____
Email Address _____ Country _____
Street Address _____ City _____ State _____ ZIP Code _____
Mailing Address _____ City _____ State _____ ZIP Code _____

Preliminary Energy Assessment Service Eligibility
The State Energy Conservation Office (SECO) provides free preliminary energy assessments (PEAs) for existing public facilities and infrastructure. Eligible entities include municipal and county governments, public school districts, county hospitals, port authorities, major airports, public water authorities and municipally owned utilities. Leased or rented facilities and infrastructure are not eligible for this service.

Principles of Agreement
By submitting this request form, the entity listed above must agree to:

- select a contact person to work with SECO and its designated contractor to establish an energy policy and set realistic energy efficiency goals;
- allow SECO's designated contractor to provide walk-through assessments of selected facilities;
- schedule a time for SECO's designated contractor to make a presentation on the assessment findings to key decision-makers;
- consider implementing the PEA's energy savings recommendations; and
- allow SECO to post portions of this report on its website

Additional Questions

Has this organization used SECO's technical assistance or PEA services in the past? Yes No
Is the primary contact for this PEA familiar with SECO's LoanSTAR revolving loan program? Yes No
Has this organization used SECO's LoanSTAR revolving loan program in the past? Yes No

Signature
This agreement must be signed by your organization's chief executive officer or other signing authority.

Signature _____ Date _____
Print Name _____ Title _____

Technical Assistance for Local Governments (TA)

- Provided to political subdivisions in Texas
- Broad range of services provided by third-party engineering firms:
 - ENERGY STAR certification
 - Improve Maintenance and Operations
 - Lighting Upgrades
 - HVAC / Chiller / Boiler Upgrades
 - Building Control Update
 - And more!

Technical Assistance Service Request Form
Form# 50-855

PRINT FORM RESET FORM

SECO
State Energy Conservation Office

Public Entity Name _____ Telephone _____

Contact Person _____ Title _____

Email Address _____ County _____

Street Address _____ City _____ State _____ ZIP Code _____

Mailing Address _____ City _____ State _____ ZIP Code _____

Description of Technical Assistance Needs

Technical Assistance Eligibility

The State Energy Conservation Office (SECO) provides free technical assistance for existing public facilities and infrastructure. Eligible entities include municipal and county governments, public school districts, county hospitals, port authorities, major airports, public water authorities and municipally owned utilities. Leased or rented facilities and infrastructure are not eligible for this service.

Principles of Agreement

By submitting this request form, the entity listed above must agree to:

- select a contact person to work with SECO and its designated contractor to establish an energy policy and set realistic energy efficiency goals;
- allow SECO's designated contractor to provide walk-through assessments of selected facilities;
- schedule a time for SECO's designated contractor to make a presentation on the assessment findings to key decision-makers; and
- allow SECO to post portions of this report on its website.

Additional Questions

Has this organization used SECO's technical assistance or PEA services in the past? Yes No

Is the primary contact familiar with SECO's LoanSTAR revolving loan program? Yes No

Has this organization used SECO's LoanSTAR revolving loan program in the past? Yes No

Signature

This agreement must be signed by your organization's chief executive officer or other signing authority.

Signature _____ Date _____

Print Name _____ Title _____



LoanSTAR Revolving Loan Fund

- Low interest, reimbursement-based loans for public entities to complete energy efficiency projects
- Loans based on Utility Cost Reduction Measures (UCRMs)
- Dollars saved from UCRMs pay for the loan
- First-come, first-served
- Most common borrowers:
 - Local and County Governments
 - Public K-12 Schools
 - Public Universities
 - State Agencies



Loan Details

Interest Rate

Usually between 1.5% - 3% (Depending on fiscal year of program)

Simple Payback

15 years or less

Repayment Period

Following completion of construction activities

IRA Formula Funding

Texas

Inflation Reduction Act

50121 – Home Efficiency Rebates (HOMES) program - \$345 million

50122 – Home Electrification and Appliance Rebate (HEAR) program - \$344 million

50123 – Training for Residential Energy Contractors - \$11.6 million

Key Considerations

IRA

50121

Rebates for upgrades that are predicted to save at least 20% of the home's energy use

Income Verification (Categorical Eligibility)

At least 10% of funds allocated to low-income multi-family

At least 40% of funds allocated to Disadvantaged Communities (DACs)

50122

Pre-determined rebates provide single-family and multi-family households with discounts for efficiency upgrades

At least 40% of funds allocated to Disadvantaged Communities (DACs)

Community Blueprint Plan

Tax Credits

IRA Information

seco.cpa.texas.gov

Key DOE Milestones

- January 31, 2025 - Application deadline

Resources

- [Frequently Asked Questions](#) for the Texas HOMES and HEAR Rebate Programs
- U.S. Department of Energy's [Home Energy Rebate Programs Frequently Asked Questions](#)
- Internal Revenue Service's [Frequently Asked Questions About Energy Efficient Home Improvements and Residential Clean Energy Property Credits](#) (PDF)

Sign up to receive updates on IRA tax credits and incentives in Texas.

Programs

STATE ENERGY CONSERVATION OFFICE

SECO partners with Texas local governments, county governments, public K-12 schools, public institutions of higher education and state agencies to reduce utility costs and maximize efficiency. SECO also adopts energy codes for single-family residential, commercial and state-funded buildings.



News and Announcements close

- ▶ [SECO Begins Home Energy Rebates RFP Drafting](#)
- ▶ [SECO Opens Professional Engineering Services RFP](#)
- ▶ [Energy Rebate Program Fraud Alert](#)

[home](#) » [programs](#) » [seco](#) » [funding](#) » [ira](#)

Programs SECO

INFLATION REDUCTION ACT REBATES AND TAX CREDITS

NOTICE: Please note that the Home Energy Performance-Based, Whole House (HOMES) rebate program and the Home Electrification and Application Rebate (HEAR) program authorized by the Inflation Reduction Act have not yet been launched. As a result, there are currently **no approved contractors** for these programs. We strongly advise against entering into any agreements associated with the HOMES and HEAR rebate programs until they are formally launched and a list of approved contractors is made available.

June 2024

The Inflation Reduction Act (IRA) provides support for clean energy through these programs:

Thank you

Eddy Trevino, Director



Sign up for SECO updates!

www.seco.cpa.texas.gov



ENERGY EFFICIENCY REBATE PROGRAMS

PRESENTED BY:
Brooke Bland, Account Manager
Jason Bland, SEM Coach

2/20/2025

AGENDA

Introductions

CPS Energy Efficiency Commercial Programs Overview & Benefits

Strategic Energy Management (SEM)

Rebate Program Offerings

Customer Journey

Contact Information

Questions & Feedback



CLEARRESULT TEAM



Brooke Bland – Account Manager Schools and Institutions

Jason Bland – SEM Coach

Tim Stark – Associate Program Manager



- For many facilities, energy is one of the largest operating expense.
- The commercial program helps offset this cost by provide incentives for eligible high-efficiency upgrades.



If a business is becoming more energy efficient, we have a way to help.

- You could receive:
 - Incentives toward lighting, HVAC, variable frequency drives (VFDs), and other measures for retrofit AND new construction.
 - Technical assistance to help identify and evaluate the ideal energy-savings opportunities for your organization.
 - Communications support to publicize your energy efficiency accomplishments and leadership.



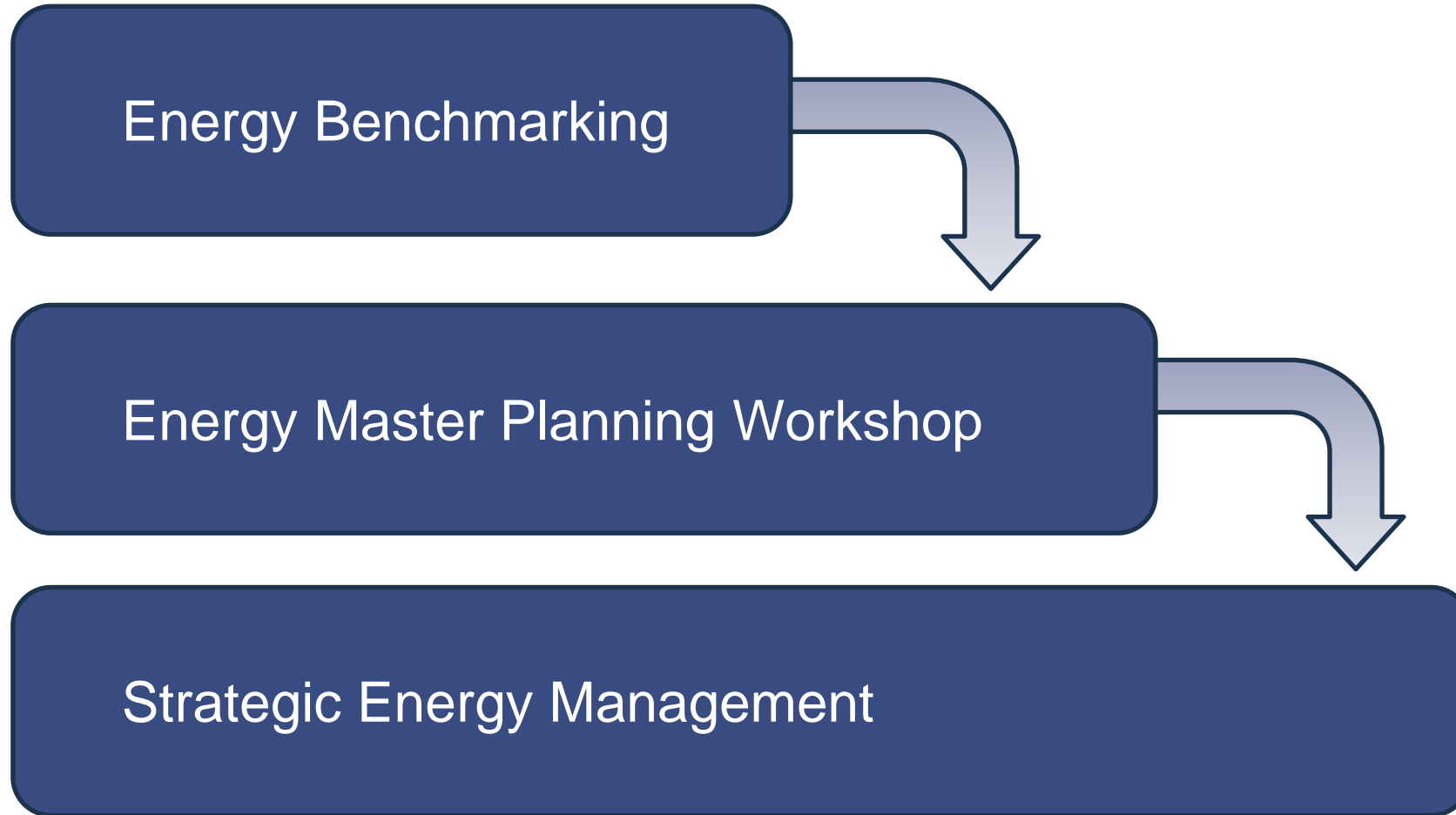
WHAT IS SEM?



- Strategic Energy Management is a long-term approach to energy efficiency that includes setting goals, tracking progress, and reporting results.
- A successful strategic energy management plan builds long-term relationships with energy users and targets persistent energy savings.

SEM focuses on Low/No Cost solutions to becoming more energy efficient.

PROGRESSION INTO SEM



SEM focuses on Low/No-Cost solutions for becoming more energy efficient!

BENCHMARKING

Energy performance benchmarking analysis

District-wide summary /



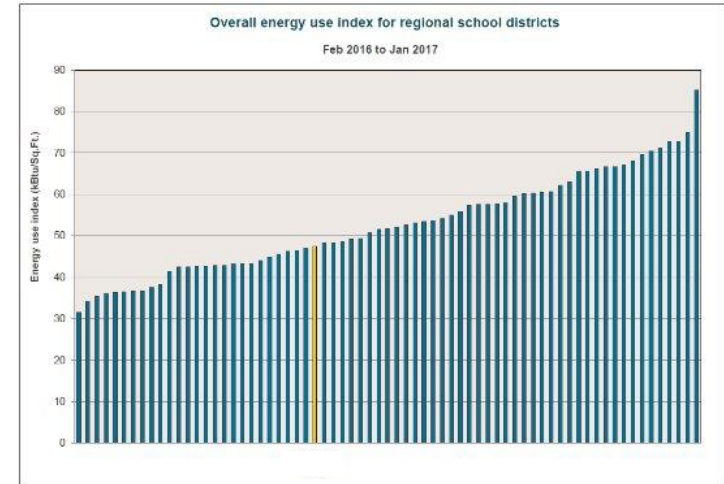
* Median for a similar profile of K-12 schools in the San Antonio climate region.

District characteristics	Monthly utility data						Annual energy use/cost summary		
	Month	kWh	kW	Cost	Therms	Cost			
Climate region	San Antonio	Feb-16	2,801,161	16,304	\$253,069	43,215	\$33,123	Usage- Electricity (kWh)	44,061,617
Type of school	All Schools	Mar-16	2,974,890	15,957	\$263,007	24,765	\$19,160	Usage- Gas (therms)	256,711
Type of heating system	N/A	Apr-16	3,169,601	16,735	\$276,230	22,946	\$19,783	Usage- Electricity (MMBtu)	150,338
Year built	N/A	May-16	3,747,238	16,626	\$322,654	14,158	\$10,068	Usage- Gas (MMBtu)	25,671
Floor area (sq. ft.)	3,704,618	Jun-16	3,988,479	17,509	\$377,712	12,865	\$13,507	Usage- Total energy (MMBtu)	176,009
Number of students	21,035	Jul-16	3,961,418	17,468	\$367,283	7,262	\$12,642	Usage- Electricity % of total	85%
Number of PCs	6,724	Aug-16	4,119,075	16,711	\$381,873	6,202	\$11,868	Cost- Electricity (\$)	\$3,916,494
On-site cooking?	N/A	Sep-16	5,574,340	19,315	\$485,196	8,939	\$11,101	Cost- Gas (\$)	\$244,586
Monthly energy use (MMBtu) profile		Oct-16	4,398,507	18,173	\$378,220	11,803	\$13,655	Cost- Total energy (\$)	\$4,161,080
		Nov-16	3,623,734	17,027	\$312,161	17,701	\$19,493	Cost- Electricity % of total	94%
		Dec-16	2,975,872	16,396	\$253,625	39,964	\$36,945	Electricity cost per kWh	\$0.09
		Jan-17	2,707,301	16,297	\$245,461	46,902	\$43,242	Gas cost per therm	\$0.95



COMPARISON WITH REGIONAL SCHOOL DISTRICTS

The bar graph below compares your school district's overall energy use (kBtu/sq.ft) to other districts in your regional area only. Your district's overall energy use index (EUI) is highlighted in yellow. Lower EUI bars indicate lower energy use / better performance.



Apr-2017

TARGETING SCHOOLS FOR FURTHER ASSESSMENT

The following conceptual chart shows the energy savings opportunity for each of your K-12 schools. The size of each box indicates the respective square footage of each school, and the color represents its energy performance compared to the median. For example, a large dark red box points to a large school that is consuming significantly more energy per square foot than the median, which would make it an ideal school to target for further assessment.

Targeting Schools for Further Assessment
Box size relative to square footage and bar color relative to energy performance



ENERGY MASTER PLANNING WORKSHOP

- Holistic, overall view of energy management:
 - Planning & Decision Making
 - Energy Awareness
 - Evaluation, Assessment & Monitoring
 - Facility Operations
 - Establishing goals and setting a plan in place.

- Educational Materials, Contests, etc.
- Marketing and promoting energy efficient activities.



Sample Organization Energy Master Plan

Sponsored by Enlery • Provided by CLEA/Houli • January 1, 2015

SAMPLE ORGANIZATION EFFICIENCY OPPORTUNITY:

5%

Energy reduction for facilities benchmarked through the SCORE® Program

\$ 76,900

In annual combined energy cost savings

119

Passenger vehicles taken off the road annually (environmental benefits equivalent)

Additional opportunities include:

- Utility-paid cash incentives for implementing energy efficiency projects
- Improved usability and comfort in offices, fire and police stations, and other organization buildings
- Positive public relations in the community, including press releases and incentive check presentations for any projects completed in the SCORE® Program



HOW DOES SEM WORK?

SEM is a continuous cycle of success featuring:



WHAT IS INCLUDED IN SEM?

Collaborative
Group Workshops

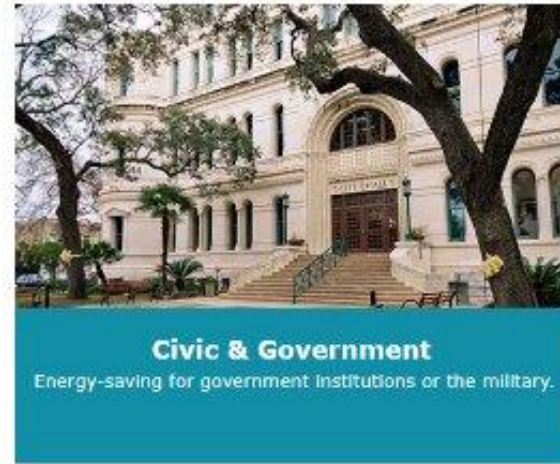
One-On-One
Coaching

Technical/
Engineering
Services





INCENTIVE PROGRAM OFFERINGS



WHO CAN PARTICIPATE?

- Small Business
- Civic & Government
- Education
- Commercial & Industrial



Earn Incentives & Rebates

Save on energy efficiency projects through incentives toward lighting, HVAC, refrigeration, and other energy efficiency measures.



Identify Opportunities

- During our walkthrough of the facility, we'll help you identify opportunities



Improve Work Environment

- By enhancing comfort and safety in the facility, energy-efficient equipment can lead to a more productive work environment



Reduce Maintenance

- Better, more efficient equipment means fewer breakdowns and repairs

QUALIFYING MEASURES

- Efficient Lighting Upgrades
 - Includes LED tube lights, bulbs and fixtures
- Refrigeration Measures
 - Door Gaskets
 - ECMs
- Air Infiltration Measures
 - Weatherstripping & door sweep
 - Strip curtains
- Hand Dryers*
- HVAC Upgrades
 - VFDs
 - DX Units, Chillers, Heat Pumps
 - AC Tune Ups
- Motors
 - Premium Efficiency Motors
- **And More!**

Commercial Solutions, SCORE® and CitySmart® Programs		
Lighting incentives: up to 60 percent of project costs		
Non-lighting incentives: up to 75 percent of project costs		
Lighting—LED interior	\$325/kW	\$0.05/kWh
Lighting—LED exterior	\$250/kW	\$0.05/kWh
Lighting—non-LED	\$200/kW	\$0.03/kWh
HVAC—chiller	\$525/kW	\$0.05/kWh
HVAC—DX or controls	\$350/kW	\$0.05/kWh
Building envelope—general	\$200/kW	\$0.03/kWh
Refrigeration—general	\$200/kW	\$0.03/kWh
Custom/other	\$200/kW	\$0.05/kWh

*w/ motion sensor and 5WH per use

Information

- Focuses on low-cost and no-cost improvements that won't require detailed engineering analysis
- Typical projects: scheduling programmable thermostats, adjusting ventilation, economizers, etc.
- Saves energy without a large capital investment
- Must use an enrolled and qualified Technical Service Provider

Incentive

- Incentive **can** cover 100% of project cost.
- The incentive amounts are \$200 per kW and \$0.05 per kWh saved, capping at the project cost.



SAVINGS EXAMPLES

CHILLER, LIGHTING, RCX LITE, VFDS

School District A Chiller

Replacements

15.85 kW

22,193.000 kWh

\$4,280.07 Incentive

School District B LED

Lighting Upgrades

28.0510 kW

86,554.00 kWh

\$13,444.30 Incentive

- School District C RCx Lite Savings

- 14.27 kW

- 41,189.00 kWh

- \$4,914.00 Incentive

- School District D VFDS

- 8.85 kW

- 18,560.00 kWh

- \$4,025.50 Incentive



NEW CONSTRUCTION REBATES

New Construction Incentives are available for LED lighting, HVAC equipment, and more!
Project must be a new construction or a major renovation of an existing space.

Major renovation would include change of business type, obtaining new building permits, teardown to studs, etc.



SAVINGS EXAMPLES

NEW CONSTRUCTION

School District A - LTG

59.80 kW

184,542.00 kWh

\$28,662.75 Incentive

School District B - LTG

58.43 kW

180,270.00kWh

\$28,003.90 Incentive

- School District C - Chillers

- 87.51 kW

- 146,783.00 kWh

- \$53,281.90 Incentive



LOW/NO COST OPTIONS



Discount Lighting

- Local Bulb Distributors
- Rebate at purchase
- Install your own bulbs
- No paperwork, just bring your commercial utility bill.
 - Distributor list available online



AC Tune Up Program

- Free Program (to customer)
- Contractor performs hi-tech tune-up
- You enjoy the savings and comfort of a maintained AC
- Higher comfort, lower bill, longer life, no cost!
 - Customers can participate every 5 years.

NO COST OPTIONS

HIGH-PERFORMANCE TUNE-UP

What is included?

Measure indoor airflow and correct if needed.

Inspect filter and change or clean if dirty. (Customer to provide)

Clean outdoor condenser coils.

Inspect indoor coil and clean if dirty.

Inspect indoor blower and clean if dirty.



1

Discover/Investigate

- Building walkthroughs, identify energy savings opportunities
- Discuss a project scope of work and identify eligible measures
- Complete project pre-inspection

2

Execute

- Complete installation of project
- Complete post-inspection
- Receive rebate for energy efficient measure

3

Celebrate

- Celebrate energy savings and rebate to employees
- Communicate with team on future eligible projects





QUESTIONS?



THANK YOU!

Contact Information: cpsenergycommercial@cleareresult.com

Brooke Bland: brooke.bland@cleareresult.com

Jason Bland: jason.bland@cleareresult.com

Tim Stark: tim.stark@cleareresult.com

Take Our Post Workshop Survey!



Give Us Feedback



Lyle Hufstetler

Natural Resources Program Administrator

Phone: 210-362-5225

Email: lhufstetler@aacog.gov

Mariah Sanchez

Natural Resources Outreach Specialist

Phone: 210-461-8770

Email: msanchez@aacog.gov

2700 NE Loop 410, Suite 101 San Antonio,
Texas 78217

