



AUGUST 21-23, 2018 • CLEVELAND, OHIO

We're Engaged! Building Relationships that Lower Energy Intensity

Thursday, August 23rd, 4:00 – 5:30 PM

Room 19



Panelists

Paul Miller



Director
Baton Rouge Clean Air Coalition

Nicole Stika



Vice president, Energy Services
Greater Cleveland Partnership | COSE

Matthew Gray



Chief of Sustainability
City of Cleveland

Coleen Wisniewski



Senior Conservation Specialist
City of Chula Vista

Adam Guzzo, U.S. Department of Energy, EERE (Moderator)

Matthew Gray, City of Cleveland

Cleveland's Approach to Engagement on Energy

Better Buildings Summit, August 23, 2018



SUSTAINABLE
CLEVELAND 2019

Sustainable Cleveland 2019

Leadership Structure

- Founded by Mayor Jackson
- Guided by the Steering Committee
- Administered by Mayor's Office of Sust.
- Powered by Citizens

Get Involved...

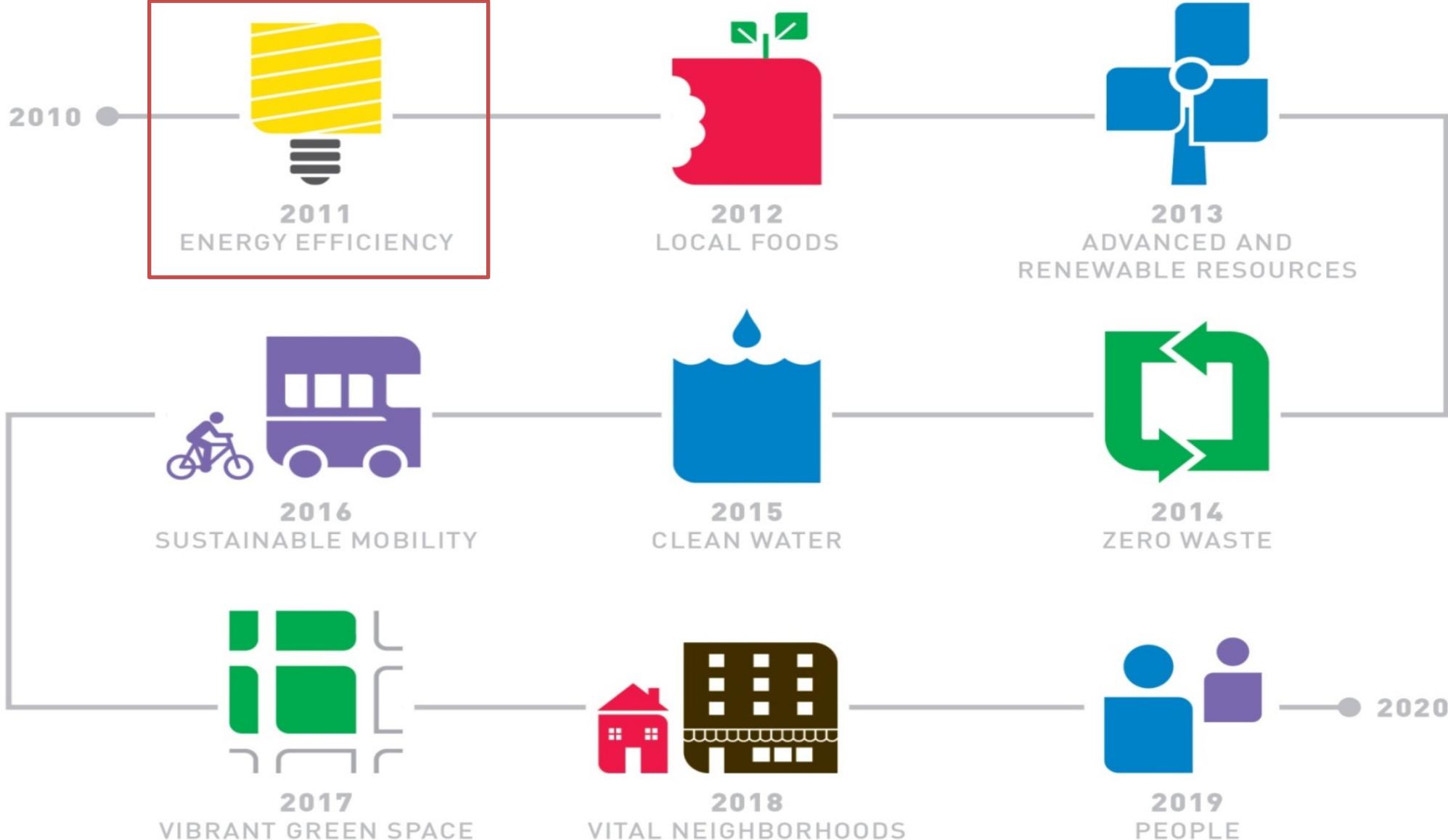
1. at Home,
2. at Work, and
3. in your Community



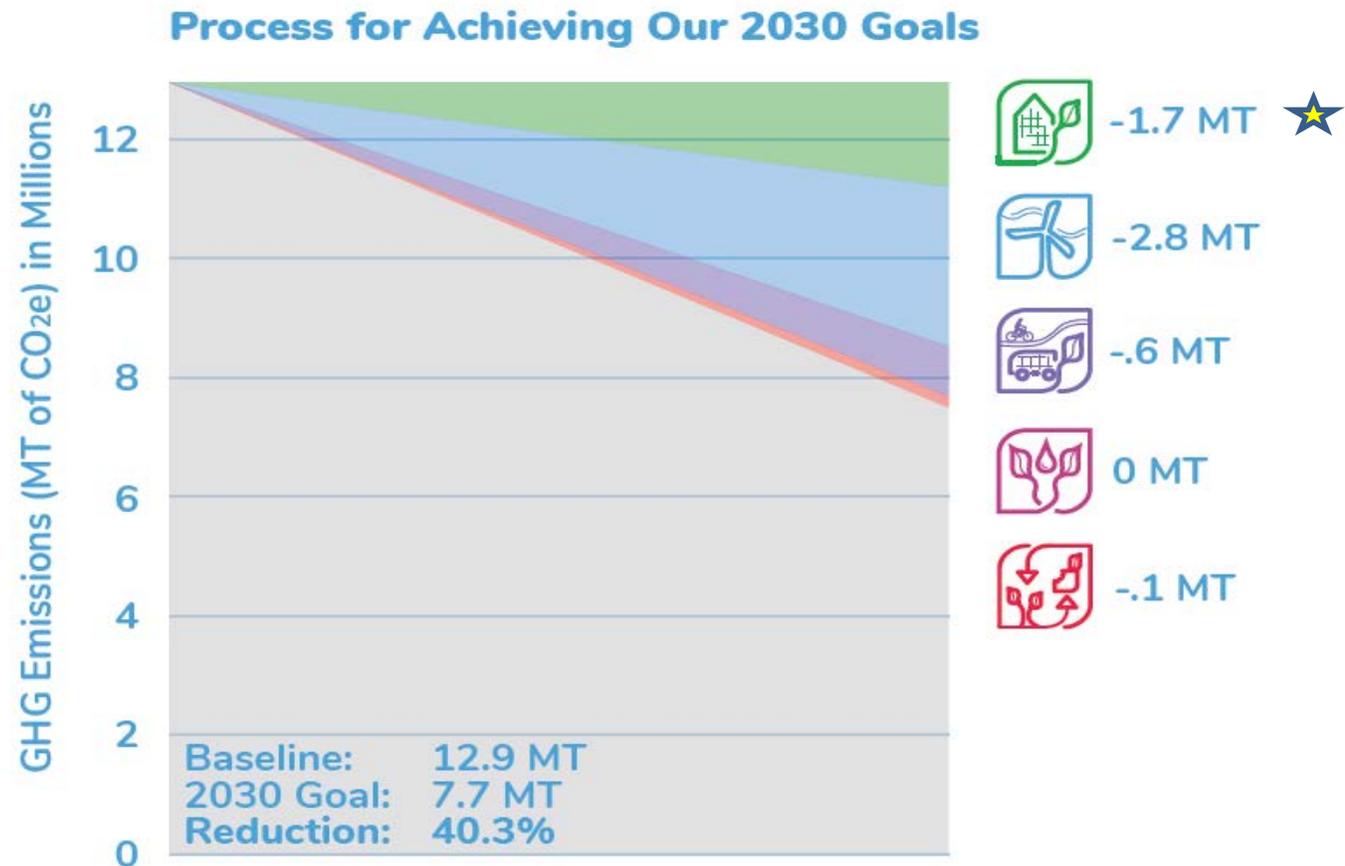
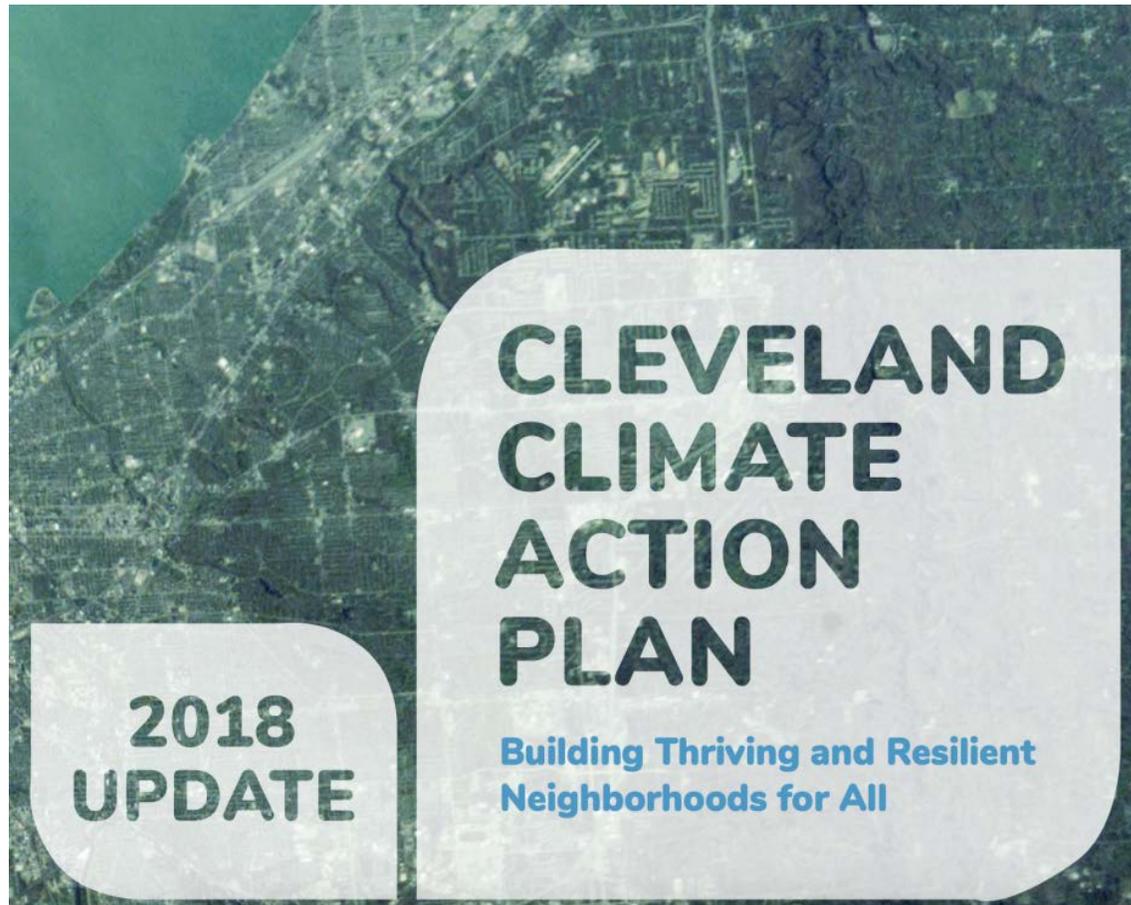
2009 Summit



Sustainable Cleveland Celebration Years



2018 Cleveland Climate Action Plan Update





Energy Efficiency & Green Building



GOALS

- By 2030, reduce residential and commercial energy use 50% and industrial use by 30% saving \$170 million annually
- All large commercial and industrial buildings are tracking and managing their energy use by 2023

OBJECTIVES

1. Make more homes affordable, comfortable, healthy, and energy efficient
2. Prioritize energy efficiency in small and mid-size businesses
3. Support community hubs to be more efficient and resilient
4. Promote new construction and major renovations that meet high green building standards

25 Engage residents to advance equity in climate action



26 Advance green jobs through workforce development



27 Support and recognize local businesses taking climate action



28 Improve resilience to climate change and other impacts



RESIDENTIAL



Cleveland Green Building Standard Handbook

Cleveland Department of Community Development
Published February 7, 2009; Revised October 5, 2009; Revised January 28, 2010; Revised June 1, 2016; Revised December 5, 2017



Apply Now for Home Weatherization and More!



COMMERCIAL



C L E V E L A N D

D I S T R I C T

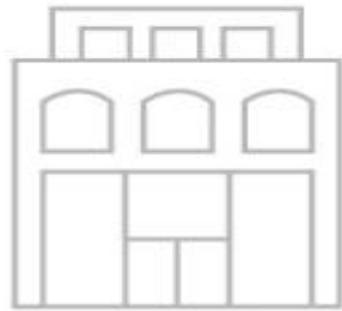
Cleveland 2030 District

- Formed from a working group of the Sustainable Cleveland Summit
- Cleveland was the 2nd city to establish a 2030 District following the inaugural Seattle 2030 District
- City of Cleveland was 1st participating property through a Resolution passed by City Council on May 7, 2012



2030 Districts

A Successful 2030 District is a PRIVATE-PUBLIC PARTNERSHIP,
comprised of:



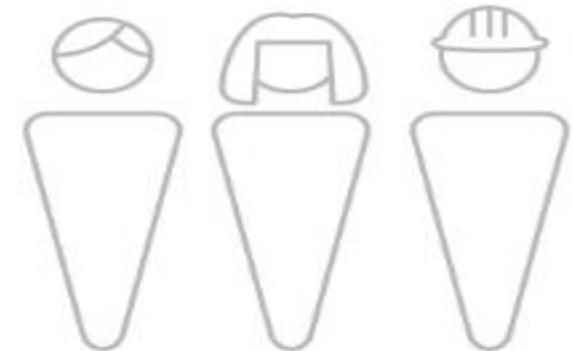
PROPERTY OWNERS AND MANAGERS

that own, manage, and/or develop real estate within a District boundary.



PROFESSIONAL STAKEHOLDERS

providing related services within a District boundary.

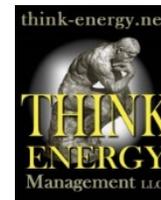


COMMUNITY STAKEHOLDERS

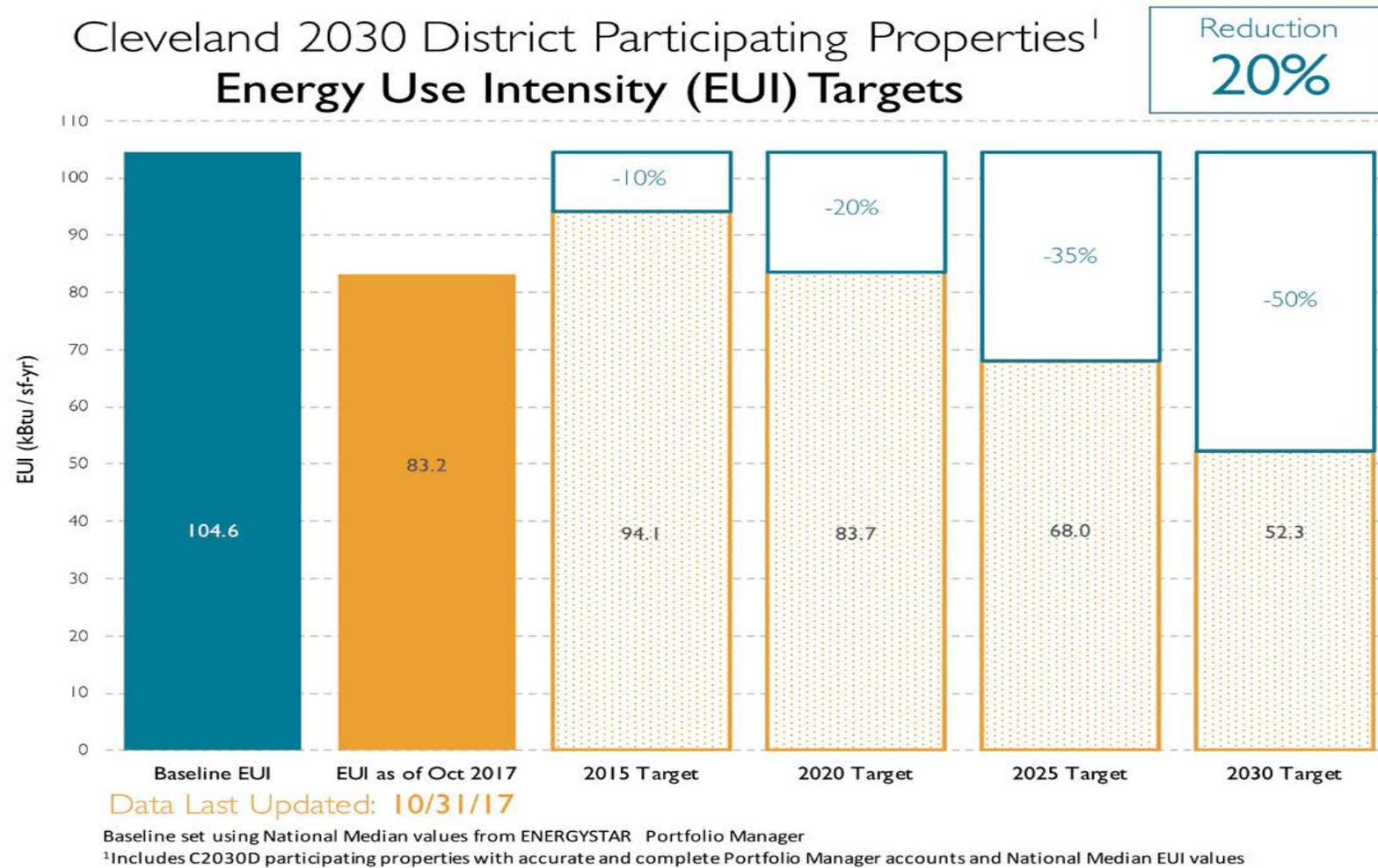
representing either non-profit organizations and/or local government.



Cleveland 2030 District Professional Partners



Cleveland 2030 District Quick Stats



Collectively, participating buildings (no odd space types) are performing at 20% below baseline.

Next Step: Green Business Recognition

- Goal for at least 150 NEO businesses on Aim2Flourish
- Increase 3rd party sustainability certifications, CSR reporting, goals
- Bid discounts for City contracts
- Establish business engagement platform in 2019 and beyond



Innovation and Opportunity Create Sustainable Restaurant in Cleveland, Ohio

Date published: 18 Dec 2017

Innovation Location: Cleveland, OH, United States

Spice Hospitality started as a catering company operating out of a backyard garden in 2007. Since then it has grown into a catering operation (Spice Catering Co.), full service restaurant

Thank You!

Matt Gray, Chief of Sustainability
City of Cleveland

mgray@city.cleveland.oh.us



Join us at :

www.SustainableCleveland.org

Nicole Stika, Greater Cleveland Partnership - COSE

We're Engaged!

*Building Relationships
that Lower Energy
Intensity*

Better Buildings
Summit

August 23, 2018



Energy Solutions
for Your Business



Helping Businesses Understand Energy and Opportunities

WHAT CAN YOU DO WITH THE EXTRA CASH YOU SAVE ON OPERATING COSTS?



Keep prices down for customers?



Hire more employees?



Stock more inventory?

GREATER CLEVELAND PARTNERSHIP **COSE** **FirstEnergy**
council of smaller enterprises Ohio Edison • The Illuminating Company • Toledo Edison

Do you know how your building uses energy?

The Greater Cleveland Partnership and the Council of Smaller Enterprises have teamed up with FirstEnergy's Ohio Utilities to provide member businesses with an exclusive energy savings opportunity. This first step is a comprehensive assessment of how your facility uses energy, including gas, electric and even steam.

 (216) 592-2205  energy@gcpartnership.com  cose.org/audits

YOU'RE INVITED

1,500+ nonresidential audits conducted
22% energy savings potential identified



Energy Contractor Network

Not sure where to turn or who to trust with maintenance and upgrades? Let COSE connect you with its local contractor network to get the job done at a reasonable cost. Projects include:

- Build-outs
- HVAC
- Insulation
- Lighting
- Renovations
- Solar installations

Find a local energy contractor today at cose.org/energynetwork or call (216) 592-2205



Generating Cash Flow and Continued Investment



My Energy Checklist

MARK THE FOLLOWING BOXES:

- SCHEDULE:** Schedule energy assessment
- PROVIDE:** Provide building walk through and utility bills for the assessment
- REVIEW:** Review report and savings opportunities – Is there an opportunity? Yes No
- PRIORITIZE:** Prioritize projects (per capital requirements, savings opportunities, business/ facility needs/ plans)
- COORDINATE:** COSE Energy Advisor to coordinate contractor quotes for complete installation cost
- IDENTIFY:** Identify ways to maximize ROI (i.e. rebates financing, tax credits, green leasing)
- INSTALL:** Project(s) installation
- ARRANGE:** Arrange for preventative maintenance for long-term energy savings

Next Steps: 1 2 3

We'll reconnect on:

Other Notes:



Don't go at this alone. We're here to help!
(216) 592-2205 | energy@cose.org



FirstEnergy Mercantile Rebate Program

Capture the rebates for projects you have already completed!

ELIGIBILITY

- Must be a "mercantile customer" who is a commercial or industrial customer who uses more than 700,000 kilowatt hours (kWh) per year, or who is part of a national account that includes multiple facilities in one or more states. (O.R.C. Sec 4928.01).
- Completion of energy efficiency projects within the last 3 years. These projects must be fully implemented and functioning at the time of reporting.

Project examples include (not limited to):

- ✓ Lighting retrofits
- ✓ High efficiency HVAC
- ✓ Occupancy sensors
- ✓ Energy efficient motors
- ✓ Heat recovery from refrigeration systems

WHAT ARE YOUR OPTIONS?

- **Cash Rebate:** Rebates based on a per KWH basis, valued at 75% of the current FirstEnergy prescriptive rebate amount. These rates vary so discuss current rates with the COSE/GCP energy team.
- **Exemption from the DSE2 rider:** The rider on your electric bill is assessed on every KWH used. Your project(s) can provide an exemption from this rider for a time based on the percentage of savings achieved by the project, potentially through 2027. This option is particularly valuable for very large users of electricity.

COSE AND THE GCP CAN HELP

COSE was named an administrator for FirstEnergy in 2009. This designation has allowed us to provide assistance and guidance to customers in Northeast Ohio to submit for these rebate opportunities at no cost.



In 2008, Senate Bill 221 was passed into law setting strong new standards for energy efficiency and calling for a 22% reduction in energy usage in the FirstEnergy service territory by 2025. As a result, FirstEnergy initiated an Energy Efficiency surcharge called the Demand Side Management and Energy Efficiency Rider (DSE2) on every customer's bill that became effective May 2011.

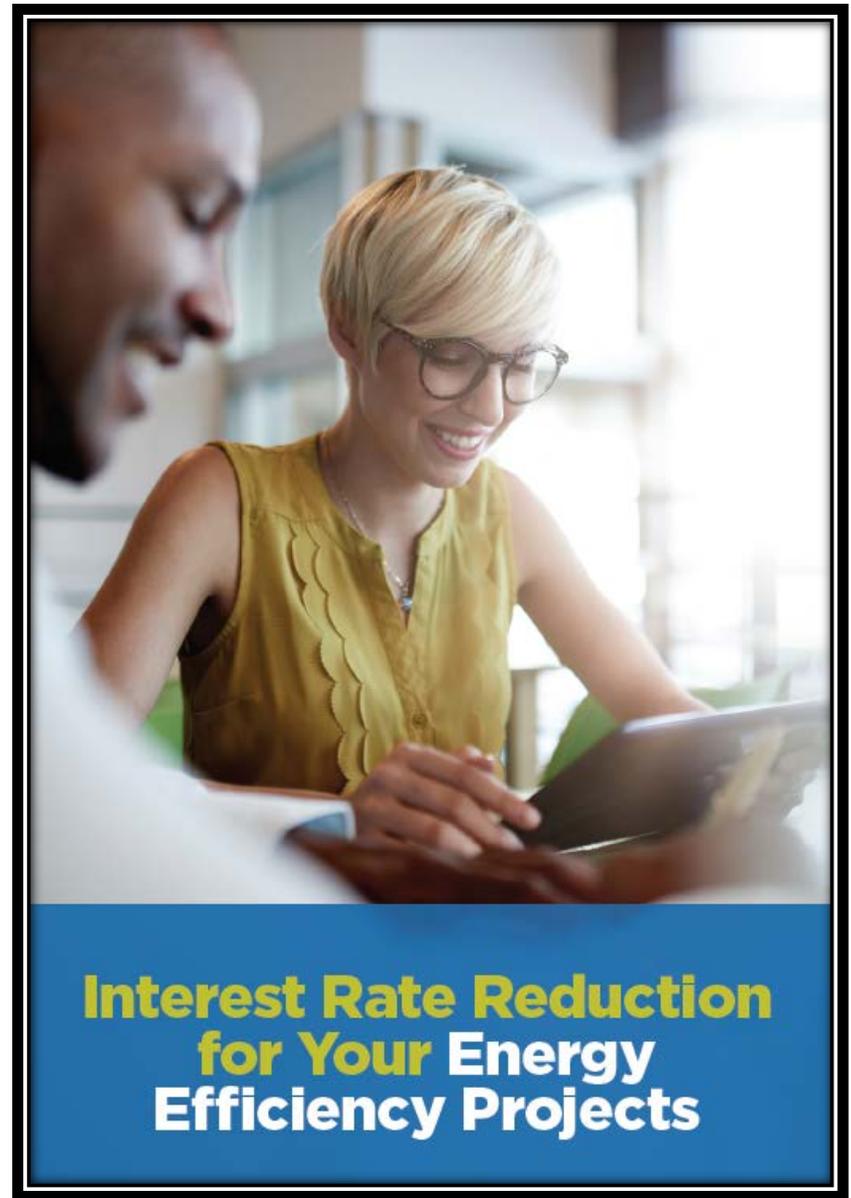
If you think your organization may be eligible to participate, contact the GCP/COSE Energy Team at energy@cose.org or (216) 592-2338 for more information and next steps.

	2017	2018 YTD
Applications	200	48
Cash Rebates to Customers	\$2,978,124	\$614,000



It Pays to Be Efficient

1. FirstEnergy Customer
2. GCP/COSE Member
3. Max 4.25% interest rate reduction; based on energy savings, projects, contractors, & green leasing
4. Min. \$15k, Max \$250k per project
5. Key4Green



Transforming the NEO CPACE Market



IMMEDIATE CASH FLOW

- ✓ 100% financing
- ✓ Long payback period, fixed rate
- ✓ Covers all hard and soft costs



FLEXIBLE AND SECURE FOR OWNERS

- ✓ No personal or corporate guarantee
- ✓ No reserve requirement
- ✓ No bond issuance required
- ✓ Transfers on sale
- ✓ Can be passed through to tenants
- ✓ Preserves borrowing capacity



MOST PROJECTS & BUILDINGS QUALIFY

- ✓ Qualify based on property value & location
- ✓ Funds most energy projects
- ✓ Standard commercial property types
- ✓ Fast and standard underwriting

Green Leasing Initiative

Collaborative partnership with Institute for Market Transformation/Cleveland 2030 District/City of Cleveland supported by Dept of Energy

Goals:

- Remove the split incentive
- Engage landlord & tenant
- Mutually benefit from energy efficiency improvements



MAKING EFFICIENCY WORK FOR YOU



Leading By Example



2030
DISTRICTS[®]

- Property Adopter
- Community Partner
- Professional Partner

Questions?
Thank You

- Nicole Stika, Vice President, Energy Services
- nstika@gcpartnership.com | (216) 592-2338
- www.COSE.org/energy
- @COSEenergy



Paul Miller, Baton Rouge Clean Air Coalition



Public Private Partnerships Transportation and Air Quality 2018 Better Buildings Summit



Paul D. Miller, PE
Director, Baton Rouge Clean Air Coalition



Baton Rouge
CLEAN AIR COALITION

We are a coalition of local governments, businesses, state environmental agencies, industries, academic institutions, and civic and environmental organizations committed to improving air quality in the Greater Baton Rouge area through voluntary actions.

Our goals are:

- (1) to improve air quality through voluntary actions
- (2) create public awareness and promote individual responsibility through education
- (3) Provide credible measures of air quality improvement efforts

Key Clean Air Act Provisions

- **National Ambient Air Quality Standards (NAAQS)** (Ozone has been Baton Rouge's challenge)
- National Emission Standards for Hazardous Air Pollutants
- New Source Performance Standards
- Acid Rain Program
- Title V Permit Program

National Ambient Air Quality Standards (NAAQS)

Air Quality Standards have been established for 7 Criteria Pollutants

When an Area fails to meet the Standard a SIP is Required

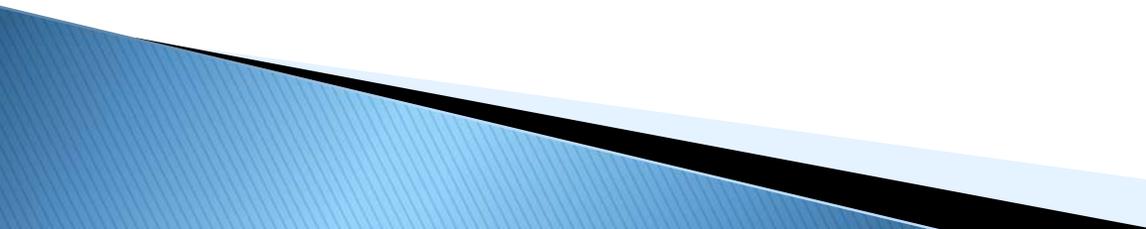
- State Implementation Plan

Who, What, When, & How Standard will be met

- Non-attainment New Source Review
- Emission Offsets

Energy Efficiency/Alternative Fuel Use can be a part of the Plan & Actions Required for Attainment

Energy Efficiency Programs

- ▶ Can be Win Win Win Propositions
 - ▶ **Individuals** get lower energy costs and better quality of life
 - ▶ **Community** gets better air quality
 - ▶ **Environmental Agencies** get assistance in meeting environmental objectives and commitments
- 

Energy Efficiency Programs



- 1998: DNR established new energy efficiency programs
- Initially focused on individual homes
 - **Home Energy Rebate Option (HERO)**
- Expanded to include low interest Revolving Loan Program focused on schools (>\$30 Million to date)
- Expanded under ARRA in 2009
 - State Buildings (Lead By Example)
 - Energy Star® Appliance Rebate Program
 - Energy Efficiency and Conservation Block Grant Program (EECBG)
 - Renewable Energy Program

The HERO Program Example of Environmental Benefits of the Energy Program

Number Rebates Issued = 21,651

Amount of Rebate Money Awarded = \$34,500,145.09

Average Annual Energy Savings per **Existing Home** Participant:

43.3 MMbtu

33.6 pounds SO_x

7.2 Tons CO₂

21.6 Pounds NO_x

Average Annual Energy Savings per **New Home** Participant:

21.9 MMbtu

17 pounds SO_x

3.9 Tons CO₂

10.9 Pounds NO_x

Average Annual Energy Savings per **Small Retrofit Commercial** Participant:

111.2 MMbtu

86.2 pounds SO_x

19.6 Tons CO₂

55.4 Pounds NO_x

Environmental Benefit

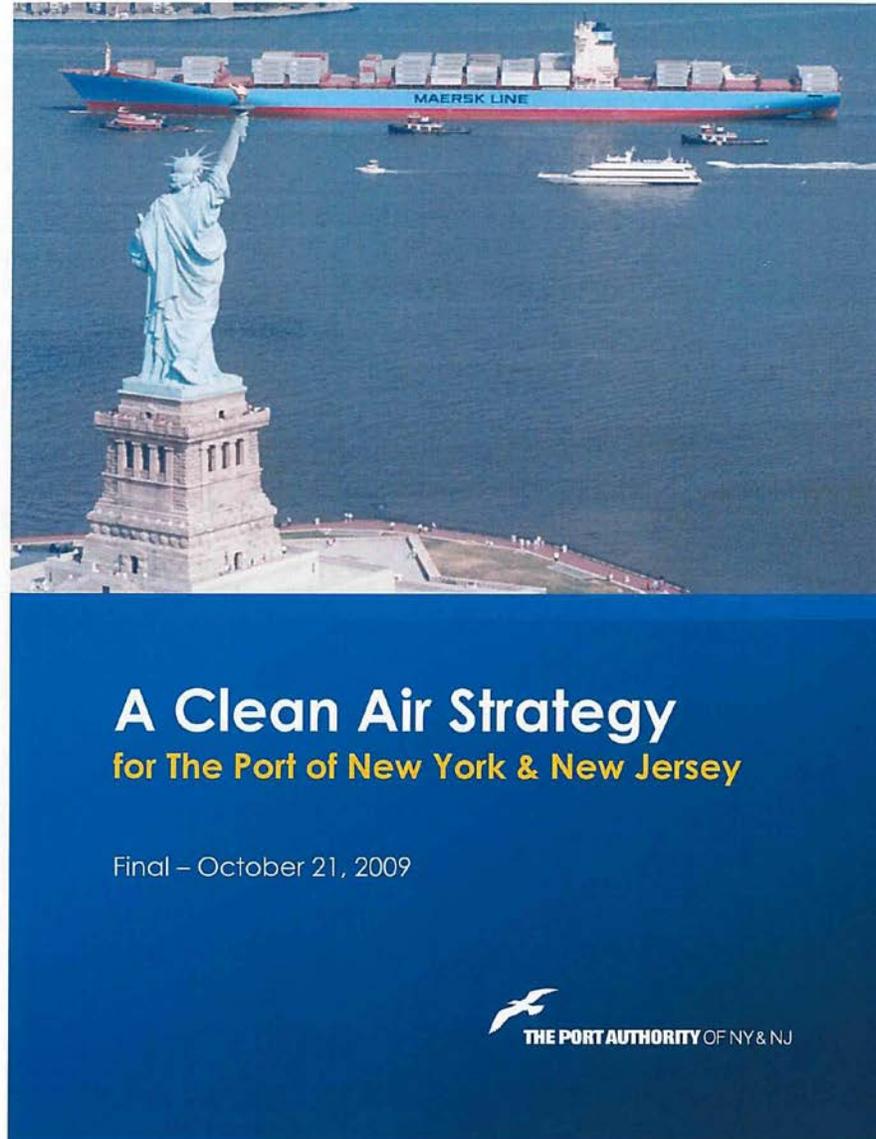
Emissions Avoided Annually

Tons CO2 117,000 Tons

Tons SO2 266 Tons

Tons NOx 171 Tons

Example of Using Mobile Source Reductions for meeting CAA Requirements

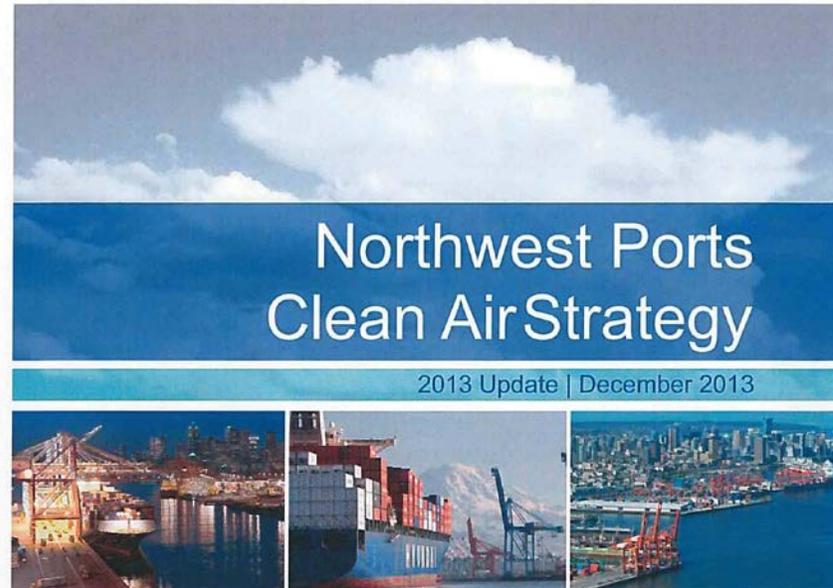


A Clean Air Strategy for The Port of New York & New Jersey

Final – October 21, 2009

 THE PORT AUTHORITY OF NY & NJ

Northwest Ports Clean Air Strategy



Examples of Port Emission Reduction Activities

- ▶ Electrification of Cargo Handling Equipment
- ▶ Use of **Alternative Fuels** (Ships, Trucks, Equipment)
 - Compressed Natural Gas
 - Ultra-low Sulfur Diesel
 - Propane
 - **Electricity**
- ▶ Use of Add-on Emission Controls
 - Diesel Particulate Filter
 - Diesel Oxidation Catalyst
 - Selective Catalytic Reduction (SCR)
- ▶ Management Controls
 - **Idle Reduction by Rail & Truck Equipment**
 - Automatic Identification System

EPA Diesel Emission Reduction Assistance Program (DERA)

- ▶ School Buses
 - Compressed Natural Gas
 - Propane
 - Electricity
- ▶ Ferry Boat Engines
 - Clean Diesel Technology
 - Liquefied Natural Gas
- ▶ Rail Yard Idle Reduction Programs
- ▶ Truck Stop Electrification

New Innovative Strategy to Reduce Ozone and Fine Particulate Pollution and to Mitigate Constraints to Economic Development in the Baton Rouge Nonattainment Area

Presentation to



EPA Region 6

by



**Baton Rouge
CLEAN AIR COALITION**

June 18, 2015

Contact Information:

Paul D. Miller, PE
Director, Baton Rouge Clean Air Coalition
318-787-3919
pmill10955@hotmail.com



Baton Rouge
CLEAN AIR COALITION

Coleen Wisniewski, City of Chula Vista

Chula Vista FREBE: Working with businesses to be more sustainable



Coleen Wisniewski
Senior Sustainability Specialist
Office of Sustainability
Economic Development Department

Chula Vista at a glance

- 2nd largest city in San Diego County
- 7 miles from world's busiest land border crossing
- In 2013, listed as 2nd fastest growing population in U.S.
- Long been an environmental leader
- Current projects:
 - Implementing 2017 Climate Action Plan
 - Retrofitting over 10,000 lightbulbs to LEDs
 - Adding over 2 MW of solar; total of over 4.1 MW
 - Municipal EV infrastructure and fleet electrification



Chula Vista

- 268,000 Residents
- 10,000 Businesses
- Local Government Partnership San Diego Gas & Electric (SDG&E)
 - To connect with Chula Vista businesses and help them operate more sustainably
 - Educate businesses about utility programs that can help reduce costs
 - Create more sustainable community and reduce GHG emissions



Chula Vista FREBE



- **Free Resource and Energy Business Evaluation**
- Similar to ASHRAE level 1 audit
- Part of the Climate Action Plan
- Economic Development

Mandatory Evaluations

- FREBE Program began as voluntary
- Evaluations transitioned to mandatory in 2009 with ordinance
- Ordinance was amended in 2015 removing fine for non-compliant businesses
- Some businesses are exempt: no storefront or home-based
- Team aims to evaluate 600 businesses annually
- Completed over 5,700 evaluations since 2009; over 51% of businesses implemented at least one measure

Setting the appointment

- Businesses that are applying for a new business license required to get FREBE
- Established businesses are selected from a previously compiled five phase list
- Letters are mailed with license renewal notices

Contact Name _____	
Alarm Company _____	
Business Name _____	
OFFICIAL USE ONLY	
ROUTE TO:	<input type="checkbox"/> BLDG/PLN <input type="checkbox"/> CVPD <input type="checkbox"/> FIRE <input type="checkbox"/> STW
New office / storefront businesses must participate in a free energy & water evaluation to help you save money (see FREBE flyer)	
Schedule an appointment (within 60 days) at www.chulavistaca.gov/clean or (619) 409-3893	
Preferred date/time? _____	
On-Site Contact (required)	
Name: _____	
Phone: _____	
Email: _____	
I declare under penalties of perjury that this application is true and conformant with all applicable Federal, State and City laws and regulations for denial or revocation of this business license.	
Signature of Owner or Representative: _____	
RETURN APPLICATION TO ABOVE ADDRESS AND	

Setting the appointment

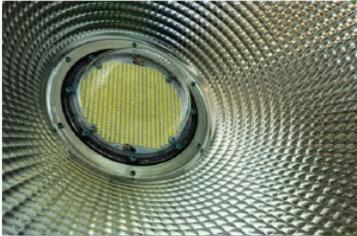


Chula Vista
FREBE
PROGRAM
Free Resource & Energy Business Evaluation

Did you know that all businesses with a storefront are required to receive a free energy and water evaluation (\$300 value) every 5 years? The brief evaluation will be completed by a City Conservation Associate.
Set up your appointment today!

What are the benefits?

- FREE tailored report to identify ways to reduce energy and water costs
- FREE "smart" power strips or other devices
- FREE secondary audit opportunity for qualifying customers by a San Diego Gas & Electric® contractor and energy efficiency upgrade options
- FREE energy and water rebate assistance and information regarding low interest financing options for qualified projects and customers



Make an appointment!

Schedule your appointment online at www.chulavistaca.gov/frebe

For more information about the program, contact the Conservation Section at (619) 409-3893 or email Conservation@chulavistaca.gov



A Semptra Energy utility®

Office of Sustainability
chulavistaca.gov/clean

This initiative is part of the City of Chula Vista's Local Government Partnership program, which is funded by California utility ratepayers and administered by SDG&E® under the auspices of the California Public Utilities Commission.

- Appointments are set online, over the phone or via notices
- How we handle businesses with no response

FREBE online

The screenshot shows a web browser window displaying the City of Chula Vista website. The browser's address bar shows the URL: www.chulavista.gov/departments/public-works/environmental-fiscal-sustainability/conservation/renewable-efficient-energy-businesses. The page features a blue header with the 'chula vista CLEAN' logo and navigation links for Residents, Visitors, Businesses, Services, Departments, and I Want to... There is also a search bar and social media icons for Facebook, Twitter, and Google+. The main content area is titled 'Renewable & Efficient Energy - Businesses' and includes a sub-section 'Help for Local Businesses' with the text: 'By lowering their energy and water use, businesses are able to reduce their monthly utility costs, which improves their "bottom line" and helps them expand their enterprise in Chula Vista. The City offers a number of programs and services specifically tailored to help companies and organizations adopt more sustainable business practices.' Below this is the 'FREE Resource & Energy Business Evaluation (FREBE)' section, which states: 'Businesses with storefronts or offices are required to participate in a FREE on-site energy evaluation of their facilities (CVMC 20.04). The energy evaluation, which is performed by City staff in about 15 minutes, must be completed in the calendar year when a new license is issued or every 5 years for an existing business license.' A blue button labeled 'Schedule An Appointment' is visible. To the right of the text is the 'FREBE PROGRAM' logo with the tagline 'Free Resource & Energy Business Evaluation'. A sidebar on the left contains a navigation menu with categories like 'Animal Care', 'City Attorney', 'City Clerk', 'City Manager', 'CLEAN', 'Conservation', 'Renewable & Efficient Energy - Residents', 'Renewable & Efficient Energy - Businesses', 'Environmental Services', and 'Volunteer Opportunities'. The background of the page features a large image of a young girl holding a small plant and a landscape with green hills and a blue sky.

Visiting the business





Evaluation

Company Information

Business Name _____

Address _____

Contact _____ Title _____

Phone _____ Email _____

Number of Employees _____ How long in business? _____

Planning to expand/relocate? _____ Interested in training/workshops? _____

ITEM	DESCRIPTION	WATTS/GPM	QTY	LOCATION NOTES
Power Strip				
Faucet Aerator				
Other				

Agreement Clause

I certify that I permit the City of Chula Vista representative named below to enter my facility in order to conduct a no-cost energy and water efficiency evaluation as outlined in Chula Vista Municipal Code section 20.01.050. By giving the City of Chula Vista Conservation Section your email address, you are also signing up for the "CLEAN Newsletter." This program is part of the City of Chula Vista's Local Government Partnership, which is funded by California utility customers and is administered by San Diego Gas & Electric (SDG&E) under the auspices of the California Public Utilities Commission (CPUC). This program has a limited budget and is provided on a first-come, first-served basis.

If I receive energy savings products as a part of the evaluation, I certify that I am a qualified SDG&E customer and have approved the energy saving products between January 1, 2018 and December 31, 2018 for use in my business facility and not for resale. I understand that the products are to be at no cost to me. I agree to verification by SDG&E

of product received, and I certify that the information on this application is true and correct. By signing below, you acknowledge the products noted are received at the location listed above and operational upon departure. To better understand efficiencies by the promotion, site inspections will occur in a certain percentage of participating locations. You understand that by accepting the products you agree to allow a post inspection to occur at the location above. Neither SDG&E, the City of Chula Vista, nor the CPUC (1) make any warranty or representation of any kind regarding the product or its receipt, the benefits to be derived there from, or the merchantability or fitness for any particular purpose of the product or its receipt nor (2) shall have any liability hereunder, including, without limitation, for consequential, special, indirect or punitive damages.

I have read and understand the program requirements and terms and conditions set forth in this application and I agree to abide by those requirements. Furthermore, I concur that I must meet all the eligibility criteria in order to participate in this program.

I have read and understand the program requirements, terms and conditions set forth in this application and I agree to abide by those requirements. Furthermore, I concur that I must meet all the eligibility criteria in order to participate in this program.

Business Representative: _____ X _____
(Print Name) (Signature)

For Office Use Only

FREBE Program Employee Name: _____ Date: _____ Business Lic. #: _____

Evaluation & Recommendations

No cost or low cost improvements and more!



INVESTMENT

RECOMMEND (✓)

Energy Efficiency Measures

Cooking	Refrigeration
Gas or electric fryer	
Gas or electric griddles	
Insulated holding cabinet	
Gas or electric steamer	
Gas or electric convection/combination oven	

Refrigeration

Install blast chiller
Solid or glass door reach-in refrigerators
Ice machine
Anti-Sweat Heat (ASH) Controls
Efficient evaporator fan motor

Building

Wind Turbine
Solar photovoltaic panels
Double Paned Windows
Reflective or green roof (cool roof)
Parking lot lighting upgrade

Water Heating

Solar water heater
Instantaneous water heater
Storage water heater

Water Smart Measures

Efficient dishwasher
Air-cooled ice-maker
Water broom
Connectionless food steamer
Landscaping (install smart irrigation controller, drip system, artificial turf)
Rain water collection system

Rebates & Financing

Business Energy Efficiency Rebates (SDG&E)
SoCal Water Smart Rebates (MWD)
On-Bill Financing (SDG&E)
PACE Financing

LOW COST

RECOMMEND (✓)

Energy Efficiency Measures

Refrigeration

Gaskets
Strip curtains
Insulation on bare suction lines
Auto-closers for main cooler/freezer doors
LED Case Lighting

Lighting

High Efficiency T-8
T-12 to T-8/T-5 retrofits
Compact fluorescent lamp (CFL) or LED
Occupancy light sensors or time clocks
LED exit signs
Replace neon window signs with LED signs

Building

HVAC maintenance up-to-date
Reflective window film
Plant shade trees
Replace old weather-stripping
Use ceiling fans instead of A/C
Duct and insulation upgrade
Programmable Thermostat

Office Equipment

Replace CRT monitors with LCD screens
Use power strips to limit "Vampire" load
High-efficiency copier
Vending machine controller

Water Smart Measures

Faucet aerator upgrade (1.5 gpm or better)
Location _____
Quantity _____
Pre-rinse spray valves
used _____ # needed _____

NO COST

RECOMMEND (✓)

Energy Efficiency Measures

EnergyWaves online tool (SDG&E)
Summer Saver Program (SDG&E)
Thermostat settings: Cool @ ≥78, Heat @ ≤68
Water heater set @ 120 degrees
Set computers to automatically shut down or hibernate
De-lamp unneeded lights
Remove personal heaters and other appliances
Make sure door closers fit properly
Increase employee awareness: Energy-saving behavior
Early retirement of refrigerator (no rebate)

Water Smart Measures

Fix leaky faucets
Repair running toilets
Sweep instead of hosing off floors
Increase employee awareness: Water-saving behavior

Sustainability Measures

Recycle waste
Reduce paper use
Encourage low-carbon commute: Rideshare, carpool, public transit, bicycle, telecommute
Look for the ENERGY STAR and WaterSense labels when purchasing new equipment
Calculate and reduce your carbon footprint: www.coolcalifornia.org

BES Referral: _____
 Thermostat: _____

Notes: _____

Making recommendations



Energy Efficiency



Water Conservation



Renewables



Financing



CLEAN Business Program Participation



Mile3 Web Development

9341 Montemar Drive

Spring Valley

Owner Name: Steve Babbitt

Assessment Year: 2018

Inspected Date: 2018-07-19

CLEAN Reassessment Date: 2021-07-19

Auditor: YASEMIN CORRALES

Questions? Please call (619) 409-3893

Top 3 Recommendations

Recommendation 1:

Use Thermostat Settings to Cool at 78F and to Heat at 68F

These temperature settings are designed to provide comfort with less energy consumption, maximizing the efficiency of the HVAC system, and may save you energy and money.

Recommendation 2:

Retrofit T-8 Linear Fluorescent Lighting to High Efficiency T-8

You can increase the efficiency of your lighting by installing high efficiency T-8 bulbs and ballasts.

High efficiency T-8 bulbs and ballasts can decrease wattage by 20%. By converting up to 20 fixtures with 4 lamps each you would be able to save more than \$200 a year! SDG&E provides a rebate to help you with the cost of this upgrade. To learn more about the rebates visit <http://www.sdge.com/rebates-finder/business>. You may also be eligible for this improvement for free through the SDG&E's

Direct Install Program. For more information visit <https://matrixescorp.com> or call Matrix Energy Services at 1-619-269-6728 or 1-800-556-2123 to schedule an appointment.

Recommendation 3:

Replace Incandescent or Halogen Lights with Compact Fluorescent Lamps (CFLs) or LEDs

CFLs typically use about 75% less energy than similar incandescent bulbs and last 7-10 times longer. LEDs use up to 95% less energy, and last 50-100 times longer than an incandescent. There are rebates through SDG&E that may help you with the cost of this upgrade. To learn more about the available rebates visit <http://www.sdge.com/rebates-finder/business>.

Energy Efficiency Measures

Monitor Your Energy Usage (Energy Waves online tool)

SDG&E offers an online portal that allows you to access up to 17 months of energy usage (electricity and natural gas) and billing information. This gives you the information you need to analyze your building's performance. You can also send this information to your Sustainability Specialist Associate and we will analyze it for you, letting you know when you are paying the most for your energy and the best ways to reduce your bills. Signing up for "My Account" is free and easy at: <https://myaccount.sdge.com>.

Use Thermostat Settings to Cool at 78F and to Heat at 68F

These temperature settings are designed to provide comfort with less energy consumption, maximizing the efficiency of the HVAC system, and may save you energy and money.

De-Lamp Unneeded Lights

In rooms that do not require much lighting, de-lamping one or two of the bulbs in some of your fixtures on the ceiling can cut your usage in half, thus saving your business energy and money.

Sustainability Measures

Calculate Your Carbon Footprint

Knowing your carbon footprint will enable you to become more aware of the consequences of your energy usage. You can calculate your footprint for free at <http://www.coolcalifornia.org/>. This website also has a *Small Business Toolkit* with more information to help you reduce your carbon footprint.

Recycle Waste

Recycling benefits both your business and the environment. For example, every ton of paper that is recycled saves 7,000 gallons of water. If you have any questions about what can or cannot be recycled, there is a guide on our CLEAN website <http://www.chulavista.gov/departments/clean/>. If you are looking for a recycling facility that will accept a variety of items including universal, electronic, or

Refer to utility programs

We Recommend Businesses to current SDG&E Programs:

- Business Energy Solutions
- On Bill Financing
- Rebates and Incentives

<https://www.sdge.com/business>

SDG&E business webpage

Savings Center: Save Energy and Save Money



Tools, Resources & Tips

Tools, resources and tips to help you save.

[Learn More](#)



Pricing Plans

Find the plan that works best for you, based on your budget and energy needs.

[Learn More](#)



Energy Management Tool

With the online energy management tool you can see an overview of your energy use and much more.

[Learn More](#)



Energy Innovation Center

Visit the Energy Innovation Center to learn about the best ways to save.

[Learn More](#)



Classes

Energy education and training can help you uncover ways to reduce costs.

[Learn More](#)



For Multifamily Property Owners

Find out about rebates and incentives for multifamily improvements.

[Learn More](#)

Links to other programs

Chula Vista CLEAN Business Program

- Voluntary
- More comprehensive
- Marketing perks
- Work with our Chamber of Commerce
- FREBE expanded to National City via their Chamber of Commerce



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www.chulavistaca.gov/CLEAN

Assessments

Displaying 1 - 10 of 9322

Search
 Year
 Scheduled After
 Reassess After
 Auditor
 Status
 Show

<input type="checkbox"/>	Year	Business	Contact	Auditor	Scheduled	Inspected	Reassess	<input type="button" value="+ New"/>
<input type="checkbox"/>	2017	#1 Nails & Spa 1463 MELROSE AVE CHULA VISTA, CA 91911 Lic. Status: Active Lic. No: 074830 Phase: 4	Annie Pham Owner: (619) 292- Business: (619) 292- 1Nailsandspa@.com	Status: EXEMPT	04/12/2018 - 1:00pm	2018-04-11	2019-01-21	<input type="button" value="+ New"/>
<input type="checkbox"/>	2014	#1 Nails & Spa 1463 MELROSE AVE CHULA VISTA, CA 91911 Lic. Status: Active Lic. No: 074830 Phase: 4	Annie Pham Owner: (619) 292- Business: (619) 292- 1Nailsandspa@.com	Status: COMPLETE	01/21/2014 - 10:00am	2014-01-21	2018-01-21	<input type="button" value="+ New"/>
<input type="checkbox"/>	2011	\$10 Shoes 635 OXFORD ST CHULA VISTA, CA 91911 Lic. Status: Closed Lic. No: 057644 Phase: 2	David Levy Owner: (619) 807- Business: (619) 403- 10dollarshoes@.com	Status: COMPLETE	05/11/2011 - 9:00am	2011-05-25	2015-05-25	<input type="button" value="+ New"/>
<input type="checkbox"/>	2015	\$10 Shoes 635 OXFORD ST CHULA VISTA, CA 91911 Lic. Status: Closed Lic. No: 057644 Phase: 2	David Levy Owner: (619) 807- Business: (619) 403- 10dollarshoes@.com	YASEMIN CORRALES Status: OUT OF BUSINESS				<input type="button" value="+ New"/>
<input type="checkbox"/>	2014	1-800-BOARDUP 318 4TH AVE STE 200 CHULA VISTA, CA 91910 Lic. Status: Active Lic. No: 074976 Phase: 4	Tom Yaotani Owner: (619) 962- Business: (619) 779- taniania@.com	Status: COMPLETE	04/22/2014 - 11:00am	2014-04-22	2018-04-22	<input type="button" value="+ New"/>
<input type="checkbox"/>	2014	1st Stop Car Care & Smog	Miquel Beltran	YASEMIN CORRALES	05/12/2014 - 12:00pm	2014-05-12	2018-05-12	<input type="button" value="+ New"/>

PCT

No Cost

Low Cost

Investment

Top 3 Recommendations

Notes

Energy Efficiency Measures

- Monitor Your Energy Usage (Energy Waves online tool)
- Test
- Get Credit on Your Utility Bill (Summer Saver Program)
- Use Thermostat Settings to Cool at 78F and to Heat at 68F
- Set Computers to Automatically Shut Down or Hibernate at End of Day
- De-Lamp Unneeded Lights
- Increase Employee Awareness of Energy Conservation

Water Smart Measures

- Check Faucets Regularly for Water Leaks
- Repair Running Toilets
- Sweep Instead of Hosing Floors
- Install Low-Flow Aerators on Sink Faucets
- Increase Employee Awareness of Water Conservation

Sustainability Measures

- Calculate Your Carbon Footprint
- Reduce Ink or Toner Use
- Reduce Paper Use
- Recycle Waste
- Look for the ENERGY STAR and WaterSense Labels When Purchasing New Equipment
- Join the Bicycle-Friendly Business Program

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