



Innovation

Sustainable  
development



**GREEN  
BUSINESS**

# The Energy Efficiency Journey

Energy efficiency steps for commercial and industrial businesses

Ecology

Management



# Presenter

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**Nick Mastrion**

Energy Engineer

- ✓ Mechanical Engineer
- ✓ Expertise in energy efficiency and high-performance buildings
- ✓ Specializes in energy efficiency retrofit and new construction projects

# Agenda

- The benefits of energy efficiency
- Typical energy use and intensity
- Energy conservation measures
- Energy savings opportunities in retrofit and new construction projects
- Energy-saving project ideas
- Business Energy Services offerings and incentives



# The Benefits of Energy Efficiency



INCREASES PROFITS FROM  
REDUCTION IN OPERATING  
COSTS



REDUCES CARBON  
FOOTPRINT



INCREASES CONSUMER  
VALUE FOR  
ENVIRONMENTALLY-  
CONSCIENTIOUS  
CUSTOMERS



IMPROVES CUSTOMER AND  
EMPLOYEE COMFORT

# The Journey

1

Evaluate energy  
usage and annual  
cost

2

Perform an  
energy audit to  
identify saving  
potential

3

Benchmark  
building energy  
performance

4

Implement low or  
no cost energy  
savings  
opportunities

5

Assess system  
upgrades and  
value

6

Establish an  
annual energy  
efficiency building  
review

# Evaluate

1

- Review utility bill to identify costs
- Establish annual goals and energy targets

# Perform Audit

2

- Look for low-cost, fast ways to save energy
- Work with a professional energy auditor
- Estimate the impact of upgrades or improvements

# Benchmark

3

- Establish metrics
- Compare your building to similar buildings
- Evaluate past consumption
- Evaluate results
- Establish a reference performance level
- Establish best practices
- Set capital investment priorities for identified opportunities



# Low or No Cost Energy Savings

4

- Upgrade lighting
- Maximize day lighting
- Improve operations and maintenance practices
- Look for rapid pay back measures (example: exit signs)
- Install occupancy sensors
- Manage plug load
- Purchase ENERGY STAR certified equipment

# Upgrade Your Systems

5

- Look for upgrade options:
  - Retrocommissioning
  - Advanced lighting options
  - Supplemental load reductions
  - Air distribution systems
  - Heating and cooling systems

# Perform Annual Reviews

6

- Commit to continued improvements
- Set annual assessment schedule
- Re-assess against previous benchmarks
- Implement yearly action plan
- Evaluate progress
- Stay informed of latest trends in energy efficiency

# The Financial Case

What effect do EE strategies have on cash flow?

What are the risks and rewards?

What are the financial incentives available for businesses?

Are there financing options?



# Energy Efficiency First

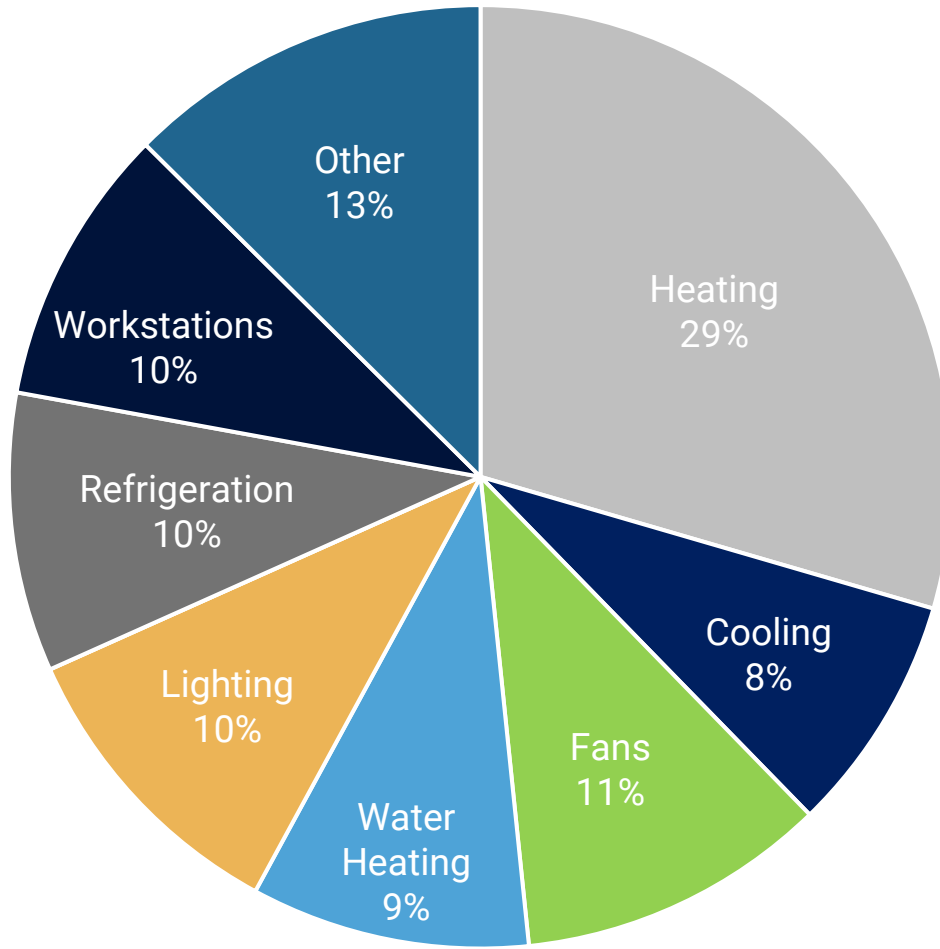
## Net-zero starts with an energy-efficient building

- Invest in improving your energy usage first
- This reduces the load a net-zero building will need to carry



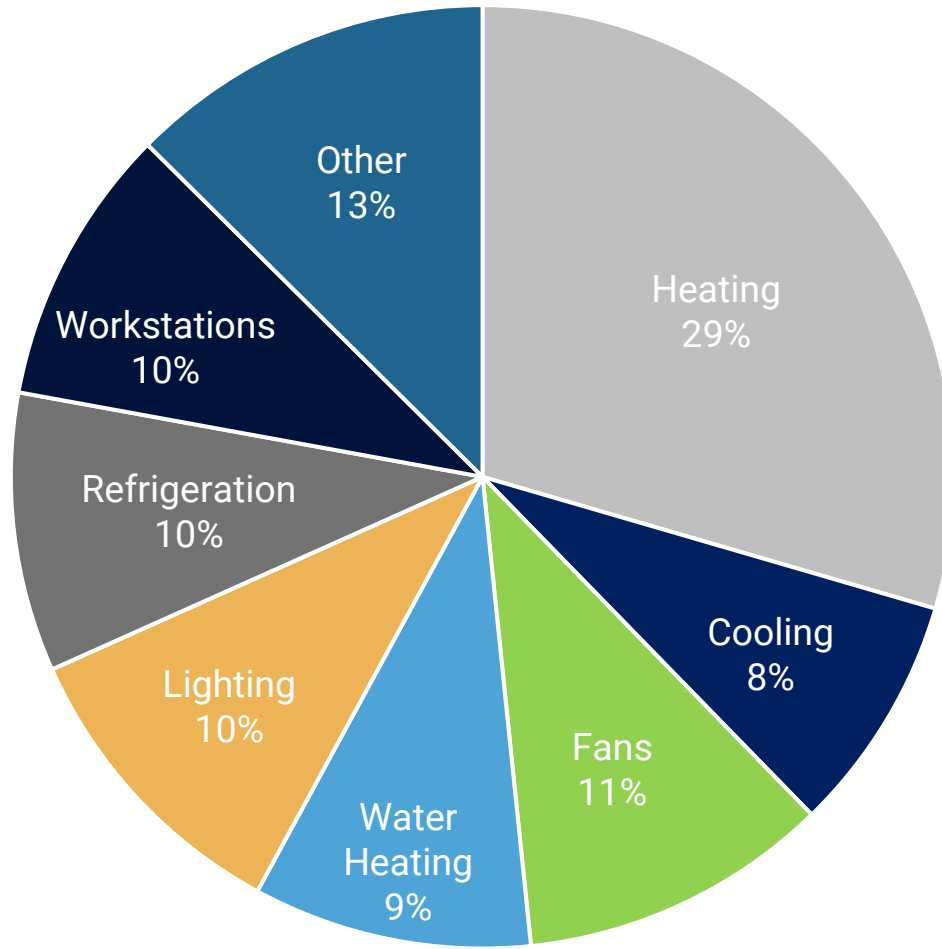
# Efficiency Systems

# What Uses Energy – Commercial



**Mountain West**

# What Uses Energy – Commercial

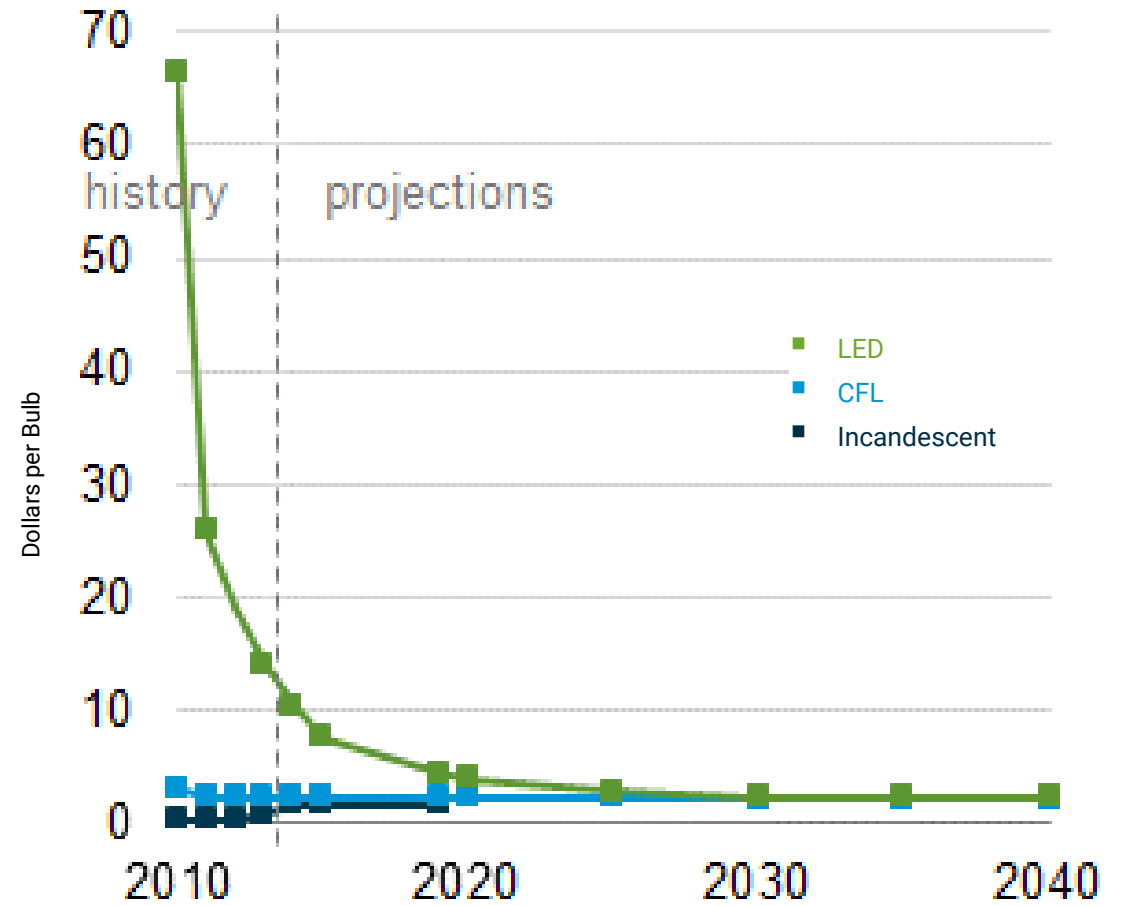


## Group Question

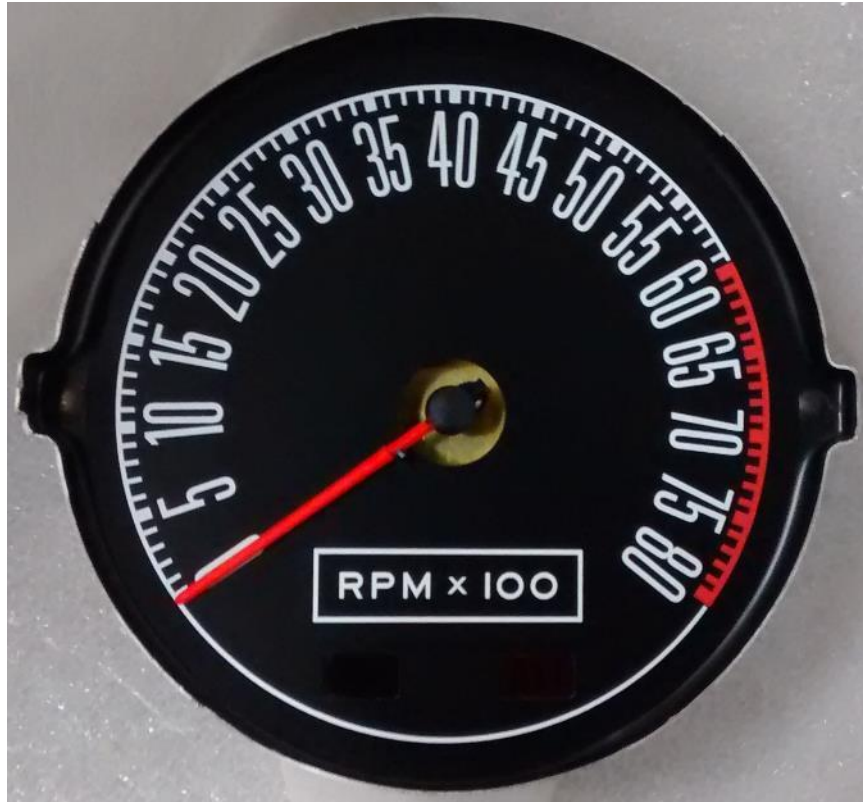
What is your favorite energy efficiency measure in each category?



# Lighting



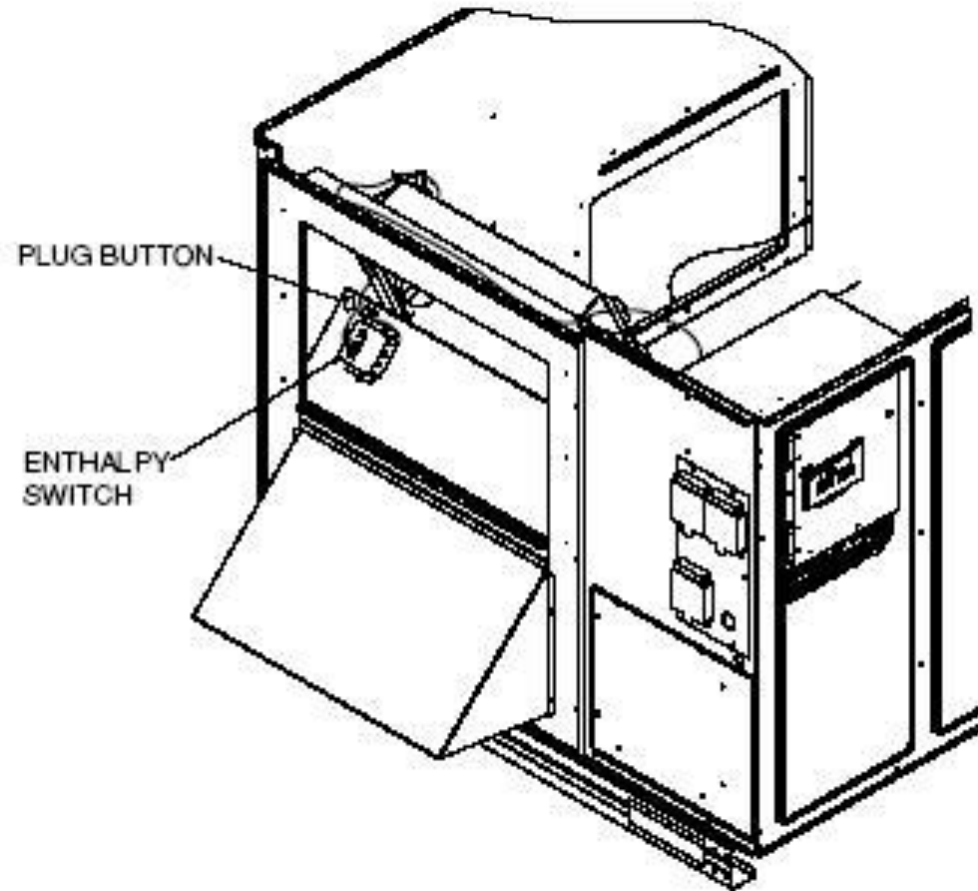
# Variable Speed Drives



# Variable Speed Drives



# Turning Things Off





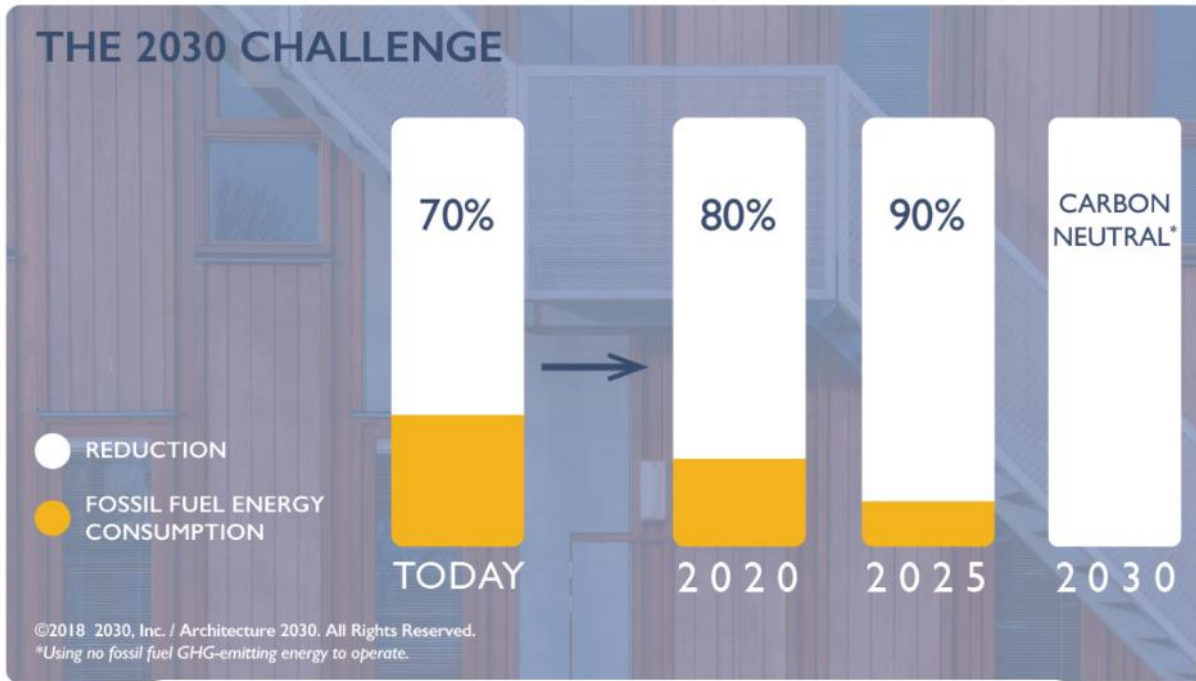


# Overview of Net-Zero Energy

A building that makes more energy than it uses over the course of a year

# Industry Targets

## American Institute of Architects



## American Society of Heating Refrigeration and Air-conditioning Engineers

ASHRAE aiming for net zero energy for all new buildings by 2030

ASHRAE president presented a six-point plan to bring the organization closer to its ultimate goal: net zero energy for all new builds by 2030.

BY SOURCE: JESSICA KRIPPENDORF, JOURNAL OF COMMERCE MARCH 8, 2010



NEWS RELEASE, SUSTAINABILITY

## CITY OF HAYWARD ADOPTS ZERO NET ENERGY GOAL

Brianne Elizarrey | December 21, 2016

## Boulder Valley School District Pursues Net-Zero Energy Consumption

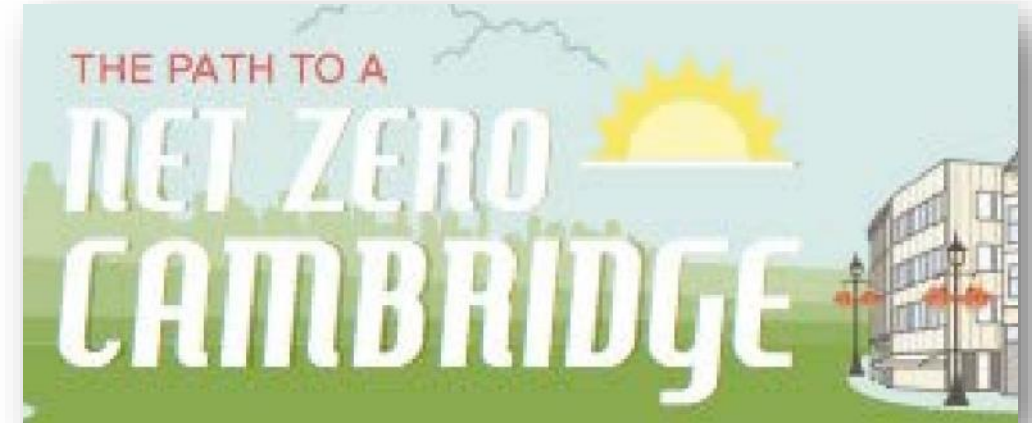
May 23, 2017 | School News | Better Buildings Zero Energy Schools Accelerator, Boulder Valley School District, Jeff Medwetz, mckinstv, net-zero energy, U.S. Energy Department

## Net Zero Energy Military Installations: A Guide to Assessment and Planning

### Park City Passes Resolution to Adopt Net-Zero Energy Performance Requirements for Municipal Buildings and Facilities

*Resolution is first of its kind in North America*

PARK CITY, Utah (October 16, 2017) – The City Council of Park City, Utah, unanimously passed [Resolution 28-2017](#) to adopt net-zero energy performance requirements for all new buildings and facilities constructed using municipal funds. The resolution is the first of its kind in North America.



## Santa Monica, Calif., passes historic net-zero ordinance

Includes more stringent commercial, multifamily building standards.

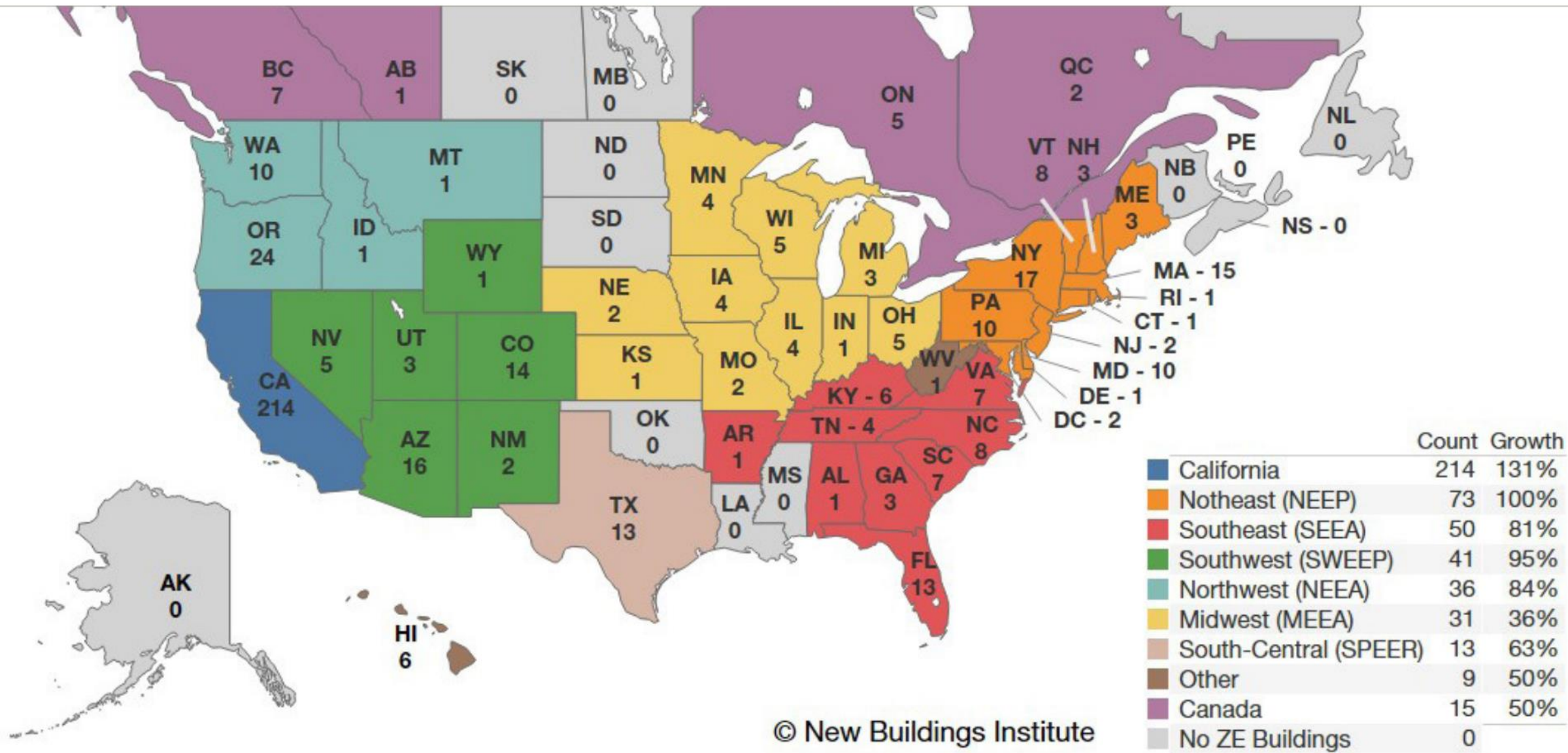
[CODES AND STANDARDS](#) | NOVEMBER 17, 2016 | PETER FABRIS, CONTRIBUTING EDITOR

## VAIL RESORTS MAKES AN EPIC PROMISE — COMMITS TO ZERO NET OPERATING FOOTPRINT BY 2030

25 July 2017

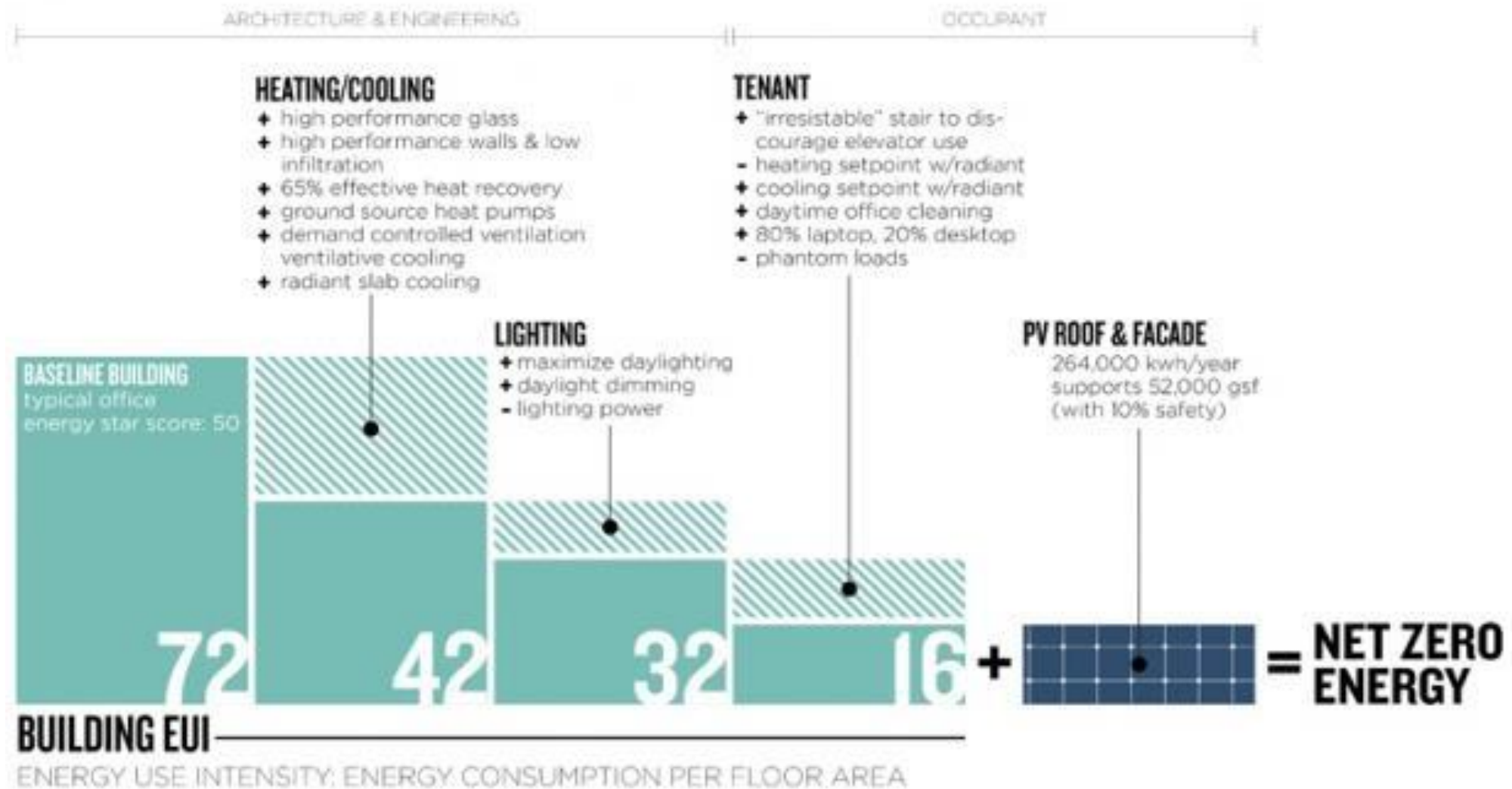
*Zero Net Emissions  
Zero Waste to Landfill  
Zero Net Operating Impact on Forests & Habitat*

# 2018 Buildings List Project Locations



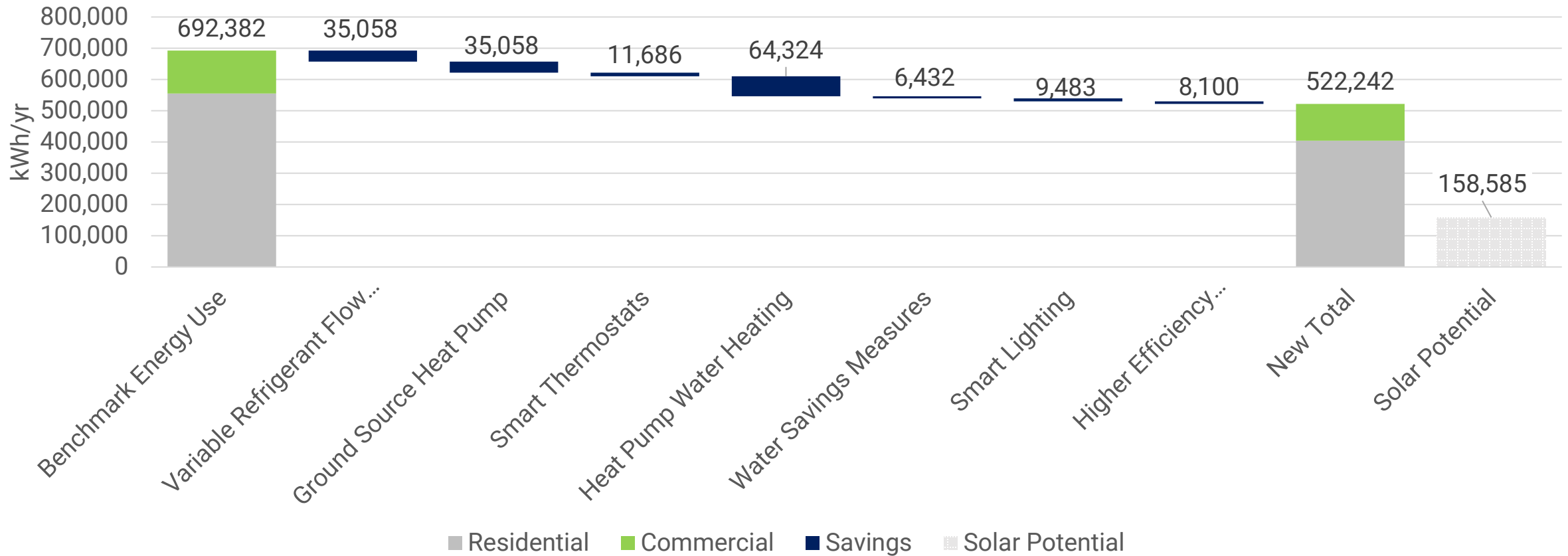
© New Buildings Institute

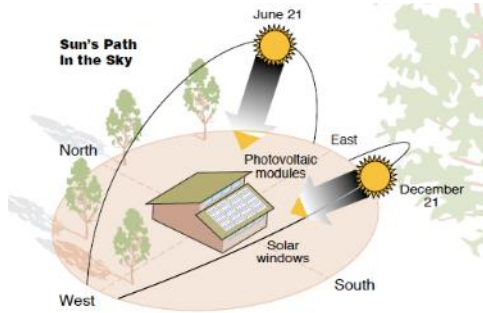




# THE PATH TO NET ZERO ENERGY

# 200 Unit Mixed Use





## Orientation & Shading

Including daylighting & natural ventilation



## Envelope

Insulation, materiality, window properties, etc.

## Lighting

Add daylighting/occupancy sensors & reduce wattage



## Plug Load

ENERGY STAR equipment



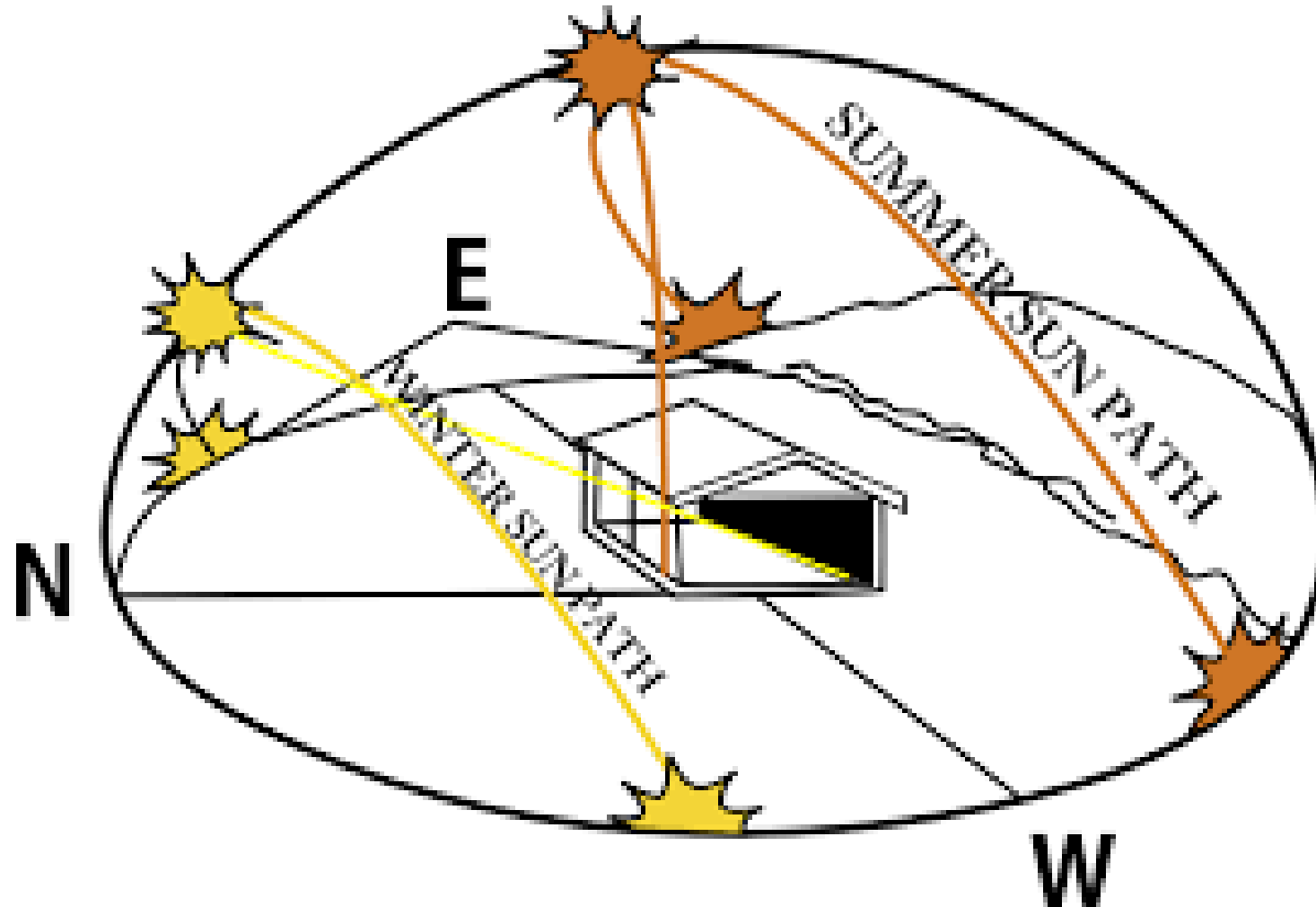
## Mechanical Equipment

Size, energy source, efficiency, etc.

## Renewable Energy

Photovoltaic panels, solar hot water heaters, wind energy, etc.

# Site Optimization



# Passive Design





# Passive Design



# Effective Natural Ventilation

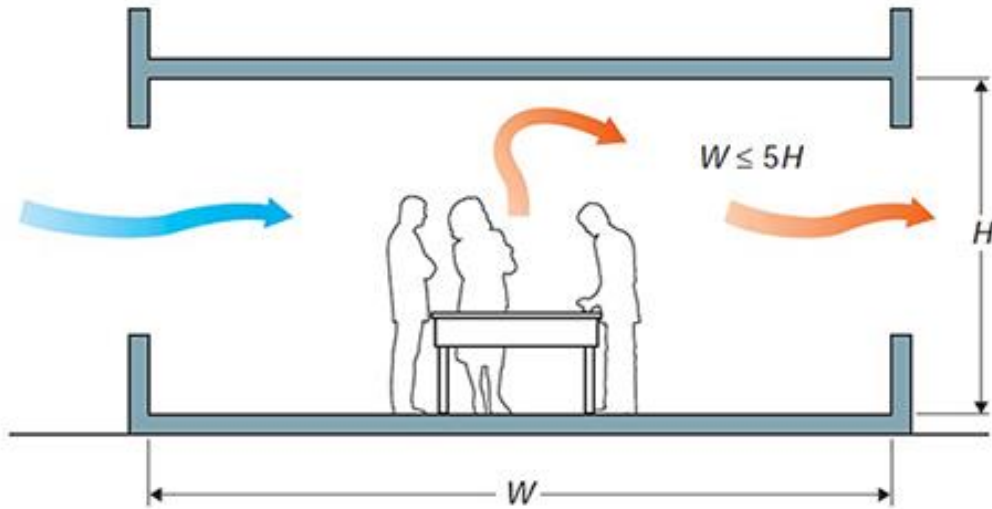


Figure 2.20 Cross ventilation

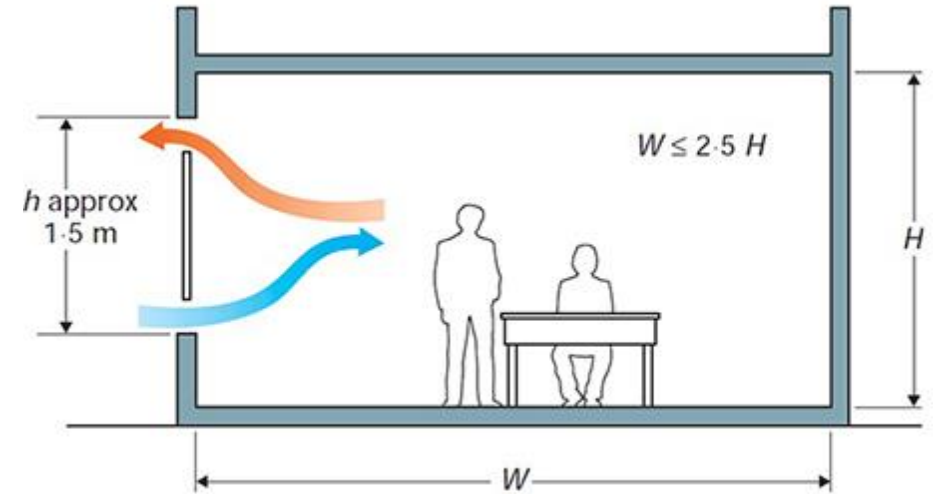


Figure 2.19 Single sided ventilation, double opening

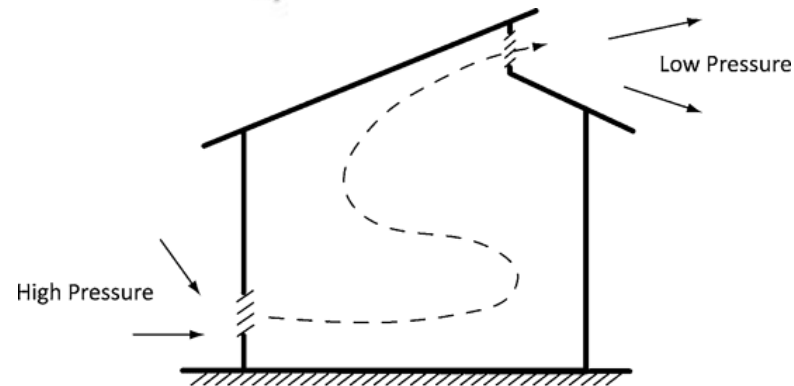


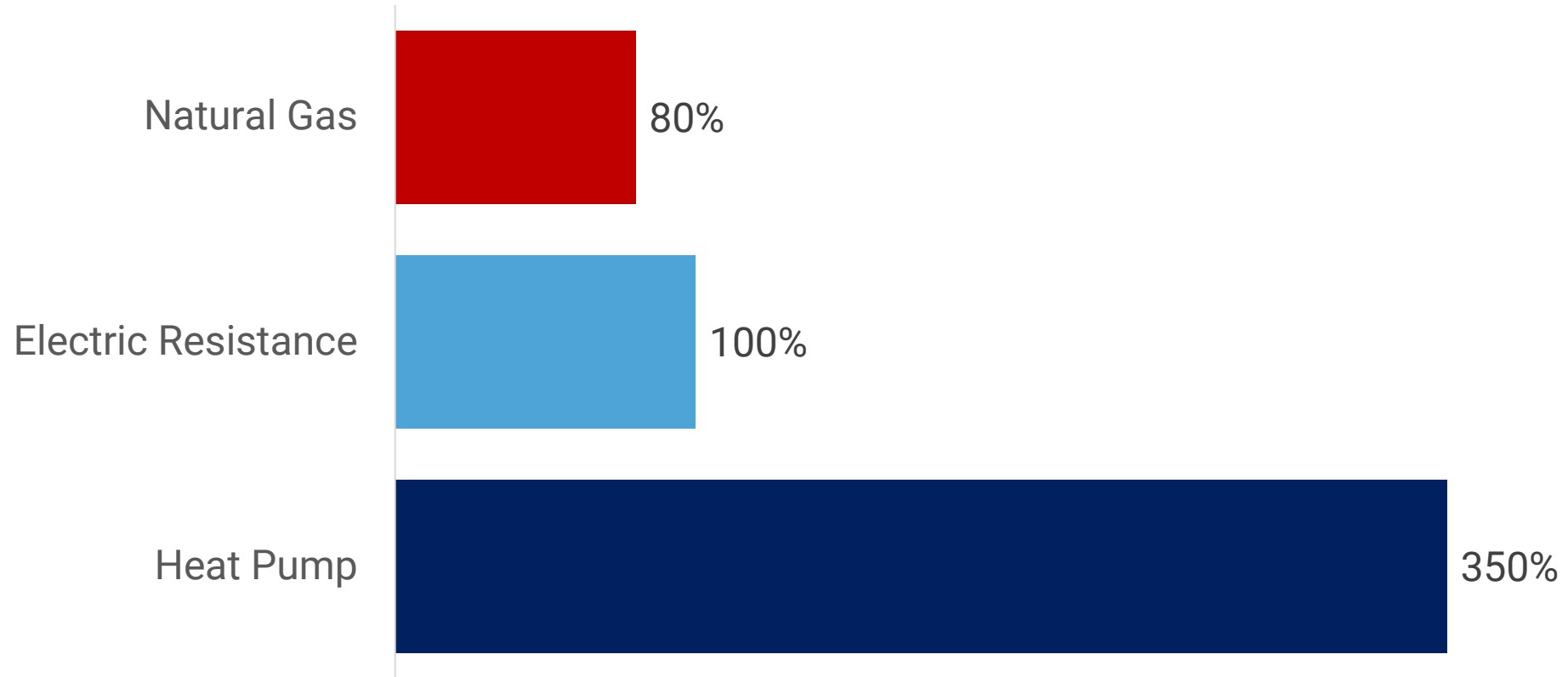
FIGURE Stack ventilation.

# Passive Design



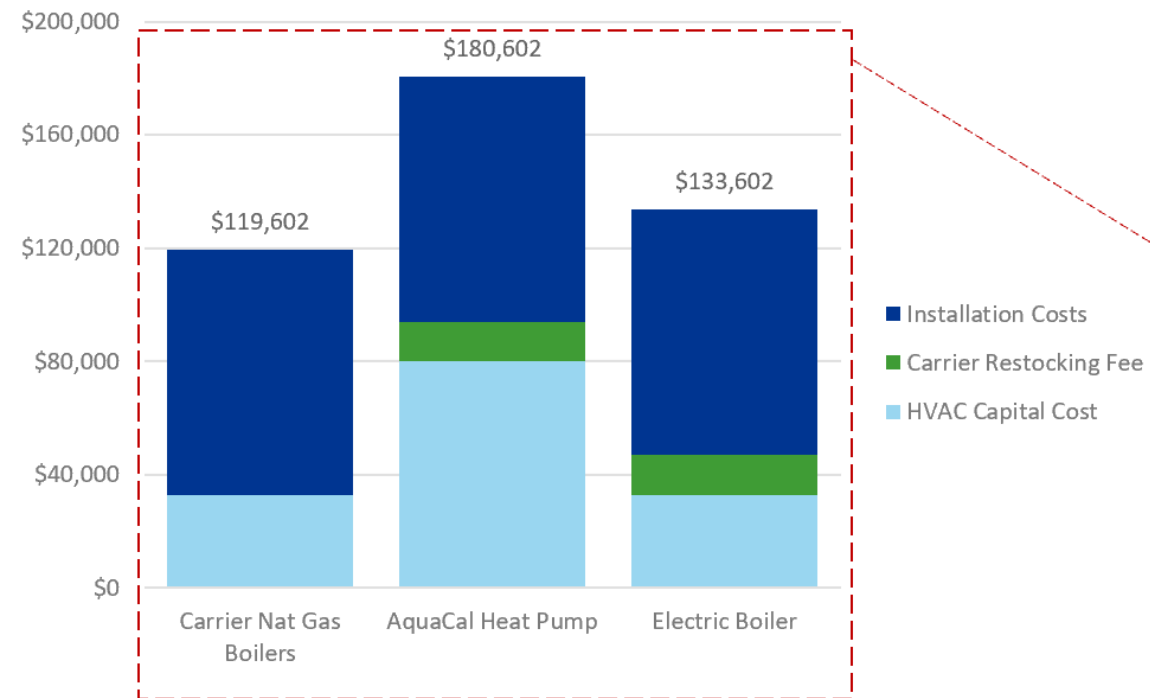


# Electrification

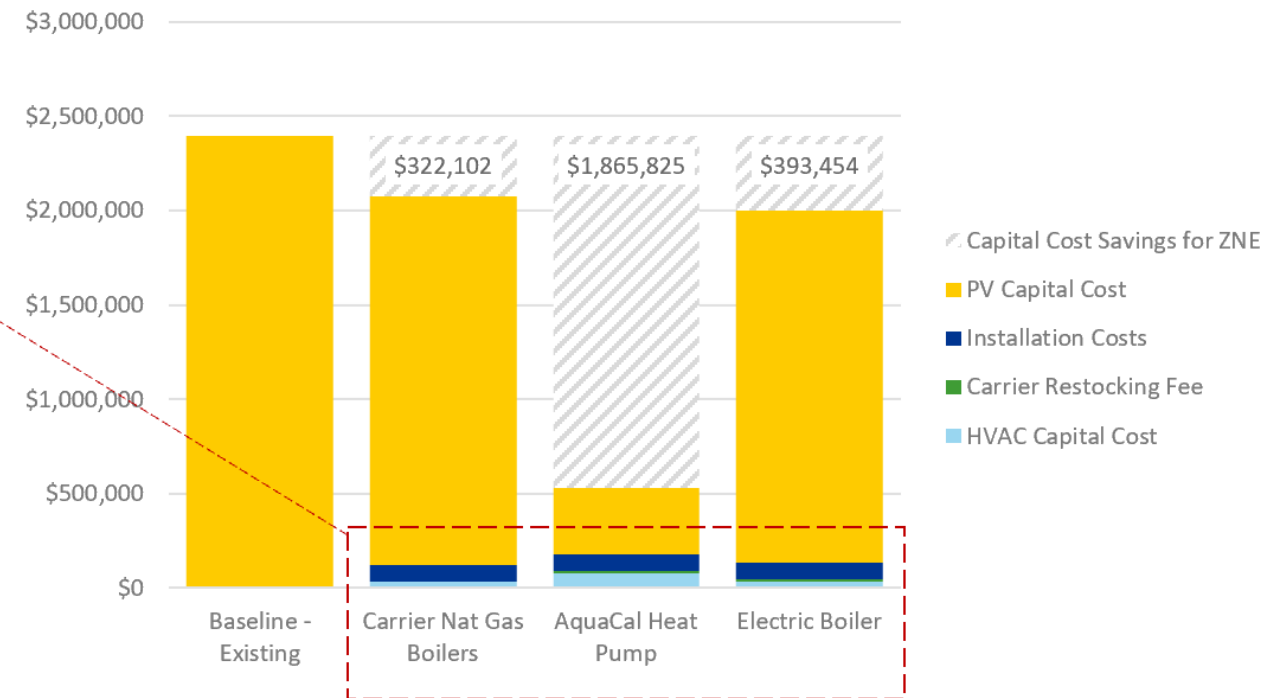


# Electrification

Capital Costs



Capital Costs including Solar PV for ZNE



# Electrification

## Space Heating



## Water Heating



## Cooking







# Case Studies



# DPR Construction – Phoenix



Building Reuse



Overall view of the building at night



# DPR Construction – Phoenix

Shading

Natural Ventilation

Solatubes

LED Lighting

Outdoor Spaces

Natural Ventilation





# DPR Construction – Phoenix



Thermal Mass

Shower Towers

Scrim / Green Wall



Cool Roof

Custom Ridge Vent

Vampire Switch

Solar to Offset Energy Use





# Upcoming Training

Attend the webinar to learn more about Business Energy Services

## Profiting from Energy Efficiency Projects

Tuesday, August 23<sup>rd</sup>

10:00 AM – 11:30 AM

# Business Energy Services Incentives



# Business Energy Services

## What We Offer

- **Application Support**
- **Technical Services**
- Free Classroom Education & Training
- Non-Profit Agency Grants
- Small Business Project Incentives
- Instant Discounts
- Retrofit Project Incentives
- New Construction Incentives



## Customer Benefits

- **Reduced Energy Expenses**
- Reduced Carbon Footprint
- Annual Cash Savings
- Improved Comfort

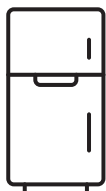


Talk with a Business Energy Advisor 1-800-342-6335



# Instant Discounts

No application Needed



# Eligible Products

Lighting	Incentive/unit
T8 4' Linear LED*	\$4
T8 2' U-Bend LED*	\$4
1'x4' LED Illuminated Panel & Troffers Containing LED Strip Lights	\$10
2'x2' LED Illuminated Panel & Troffers Containing LED Strip Lights	\$10
2'x4' LED Illuminated Panel & Troffers Containing LED Strip Lights	\$10

Kitchen	Incentive/unit
High Efficiency (HE) Fryer	\$200
Large Vat Fryer	\$200
HE Griddle	\$300
Convection Oven	\$350
Combination Oven	\$1,000
Steam Cooker	\$750
HE Holding Cabinets, Full Size	\$300
HE Holding Cabinets, 3/4 Size	\$250
HE Holding Cabinets, 1/2 Size	\$200

ES = Energy Star, CEE = Consortium for Energy Efficiency, SD = Solid Door, GD = Glass Door, cf = Cubic Feet

Refrigeration	Incentive/unit
Ice Machine ES/CEE I <300	\$50
Ice Machine ES/CEE I 300-500	\$75
Ice Machine ES/CEE I 500-1000	\$125
Ice Machine ES/CEE I 1000-1500	\$200
Ice Machine ES/CEE I >1500	\$250
Ice Machine ES/CEE II <300	\$100
Ice Machine ES/CEE II 300-500	\$150
Ice Machine ES/CEE II 500-1000	\$250
Ice Machine ES/CEE II 1000-1500	\$400
Ice Machine ES/CEE II >1500	\$500
Refrigerator SD ES < 15 cf	\$50
Refrigerator SD ES ≤ 15 cf V < 30 cf	\$75
Refrigerator SD ES ≤ 30 cf V < 50 cf	\$90
Refrigerator SD ES ≥ 50 cf	\$125
Freezer SD ES < 15 cf	\$60
Freezer SD ES ≤ 15 cf V < 30 cf	\$75
Freezer SD ES ≤ 30 cf V < 50 cf	\$80
Freezer SD ES ≥ 50 cf	\$200

Refrigeration	Incentive/unit
Refrigerator GD ES < 15 cf	\$50
Refrigerator GD ES ≤ 15 cf V < 30 cf	\$75
Refrigerator GD ES ≤ 30 cf V < 50 cf	\$90
Refrigerator GD ES ≥ 50 cf	\$125
Freezer GD ES < 15 cf	\$60
Freezer GD ES ≤ 15 cf V < 30 cf	\$75
Freezer GD ES ≤ 30 cf V < 50 cf	\$80
Freezer GD ES ≥ 50 cf	\$200

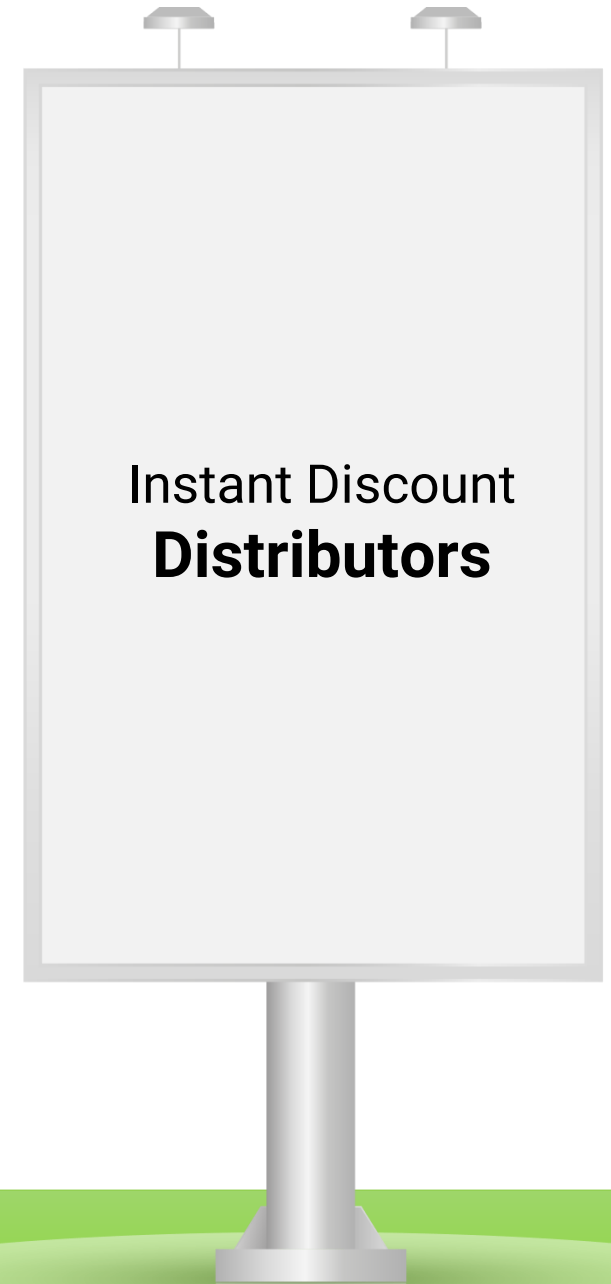
## Lighting

- Bulb and Driver
- City Electric Supply
- Facility Solutions Group
- Main Electric Supply Company
- Grainger
- Wedco
- Crescent Electric Supply Company
- Bulbman, Inc.
- Regency Lighting
- Vegas Electric Supply
- MCOR Lighting
- Key Power Solutions
- Green Planet Corporation
- Platt Electric Supply
- Have Lights Will Travel
- Discount Lighting
- Gexpro
- GoGreenLighting.com, Inc.
- Nedco Supply
- Sierra Nevada Lighting, LLC
- Codale Electric Supply
- HD Supply Facilities Maintenance
- mySupplier
- USA LED
- Bulbtronics
- Commercial Lighting Specialties
- Las Vegas Lighting
- Capitol Light

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## Commercial Kitchen & Refrigeration

- Open to apply for all commercial kitchen & refrigeration distributors



# Instant Discount Website

## BUSINESS ENERGY SERVICES INSTANT DISCOUNT

### No applications. No waiting. Big savings.

Our Business Energy Services offers a PowerShift **instant discount** to NV Energy eligible business customer accounts and contractors on the purchase of qualifying lighting and commercial kitchen equipment.

Visit a participating distributor to make your purchase and receive your PowerShift instant discount. Your discount is automatically deducted from the purchase price, so there's no paperwork for you to complete. It's that easy.

Get details on all the incentives and participating distributors below.



[nvenergy.com/BES](https://nvenergy.com/BES) > Incentives & No Cost Offers > Instant Discounts



# Instant Discount Website

Website includes:

- Eligible product types
- Participating distributor listing
- FAQs
- Operations Manual

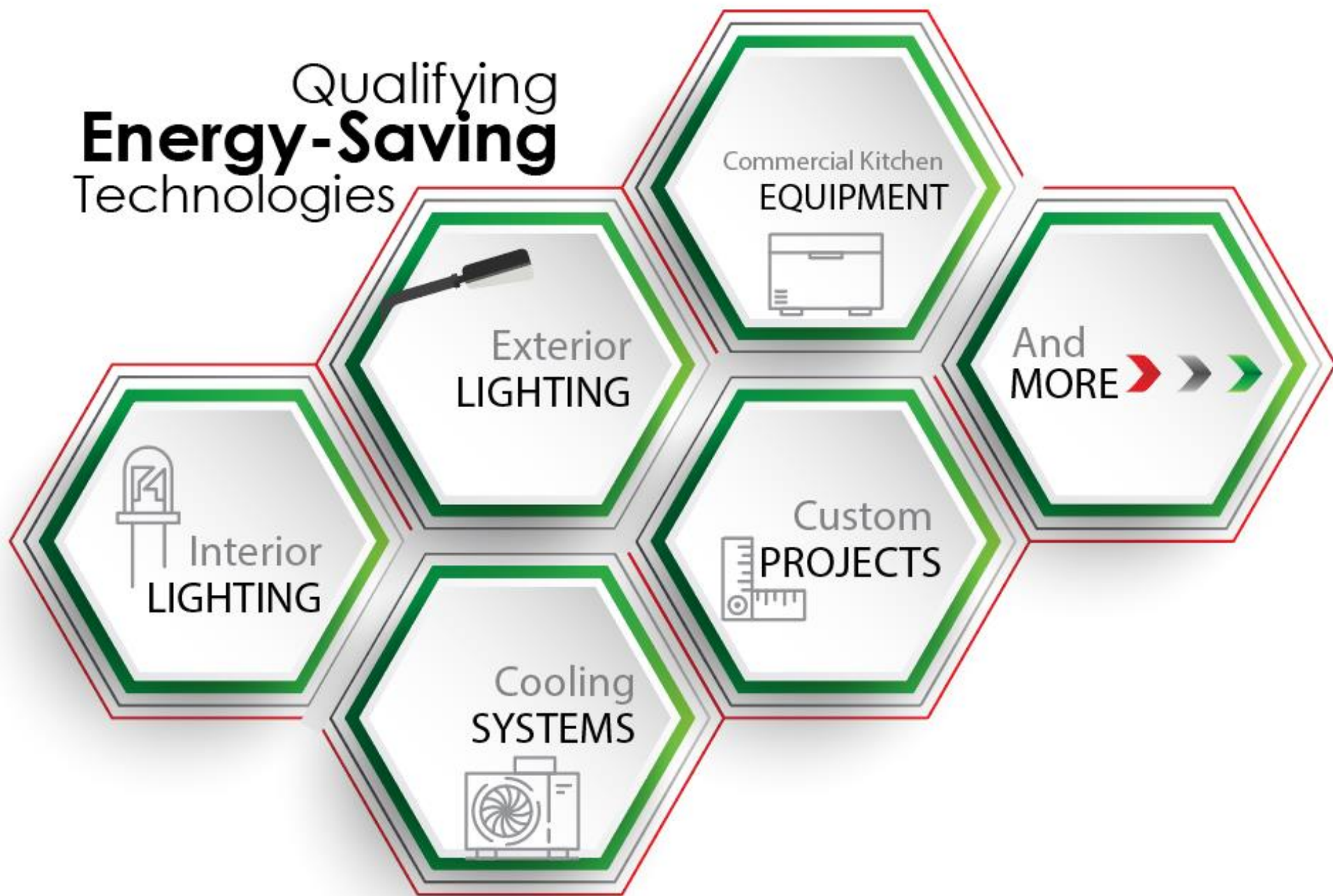
+ Participating Distributors

+ Frequently Asked Questions

**FULL PROGRAM DETAILS**



# Qualifying **Energy-Saving** Technologies





# Applying for Incentives

Retrofit and New Construction

Talk with a Business Energy Advisor 1-800-342-6335

# Three Easy Steps to Saving



Save  
**Energy & Money,**  
Year After Year



► **THE APPLICATION PROCESS**



# More Ways to Save

## Business Energy Services 2022 Southern Retrofit Incentive Summary

Retrofit - Interior Lighting			
Measure	Size/Type	Unit	Incentive
Interior Lighting Lamp/Fixture	Interior	Watt Reduced	\$0.25
Interior LED Lamp, Hotel Guestroom	Interior	Watt Reduced	\$0.10
Delamping T8 Lamps	4-foot lamp	Lamp	\$3.00
Standard T8 to RW T8	4-foot lamp	Lamp	\$1.00
LED Exit Sign		Sign	\$15.00
LED Refrigerated Case Lighting		Lamp	\$25.00
LED Channel Sign	≤ 2 Feet	Letter	\$10.00
LED Channel Sign	> 2 Feet	Letter	\$25.00
Occ. Sensor on Refrigerated Case	Enclosed	Door	\$12.00
Occ. Sensor on Refrigerated Case	Open	LF of Case	\$4.00
Occupancy Sensors	Wall Box	Sensor	\$12.00
Occupancy Sensors	Ceiling Mount	Sensor	\$30.00
Occupancy Sensors	HB T5/T8 Sensor	Sensor	\$20.00
Occupancy Sensors	HB LED Sensor	Sensor	\$14.00
Daylighting Controls		Watt Controlled	\$0.10
Bi-Level Stairwell/Hall /Garage LED Fixtures with Sensors		Watt Controlled	\$0.40
Retrofit-Exterior and Garage Lighting			
Garage LED Replacing HID 24/7	24/7 Operation	Watt Reduced	\$0.25
Exterior Replacing HID 12 Hr	12 Hour Operation	Watt Reduced	\$0.20
Garage High Wattage Screw-In CFL	24/7 Operation	Watt Reduced	\$0.20
Exterior High Wattage Screw-In CFL	12 Hour Operation	Watt Reduced	\$0.15
LED Channel Sign	≤ 2 Feet	Letter	\$10.00
LED Channel Sign	> 2 Feet	Letter	\$25.00
Garage Hard-Wired CFL < 29W		Fixture	\$25.00
Garage Hard-Wired CFL > 30W		Fixture	\$40.00
Exterior Hard-Wired CFL < 29W		Fixture	\$15.00
Exterior Hard-Wired CFL > 30W		Fixture	\$30.00

Please refer to 2022 Business Energy Services Retrofit Specifications document for complete specifications

<sup>1</sup>Incentive varies by transformer size, see application.

<sup>2</sup>Incentive varies by UPS size and input dependency characteristics, see application.

Retrofit - Commercial Kitchen		
Measure	Unit	Incentive
Ventilation Control - Retrofit	HP	\$350.00
Ventilation Control - New Hood	HP	\$300.00
Anti-Sweat Heater Controls	Door	\$40.00
EC Motors: Walk-in Boxes	Motor	\$40.00
EC Motors: Refrigerated Cases	Motor	\$30.00
Evaporator Fan Controller	Controller	\$35.00
ENERGY STAR® Tier II Vending Machine Refurbishment Kit	Kit	\$75.00
Vending Machine Controls	Controller	\$90.00
Snack Machine Controls	Controller	\$15.00
Floating Head Pressure Controls	HP	\$35.00
Reach-In Cooler Controls	Controller	\$30.00



Please note that 4' T8 LED and 1'x4', 2'x2' & 2'x4' LED TROFFERS Illuminated Panels and some kitchen equipment are no longer eligible for incentives through this program. Please see Business Energy Services Instant Discount Program at [www.nvenergy.com/bes](http://www.nvenergy.com/bes) for details.

Retrofit – Transformer and UPS		
Measure	Unit	Incentive
Single & Three Phase High Eff. Transformer	Per Unit	Varies <sup>1</sup>
Single & Three Phase High Eff. Transformer - incremental	Per 0.01% Above Qual.	Varies <sup>1</sup>
High Eff. UPS - Single & Multi-Normal	Output kW	Varies <sup>2</sup>
Retrofit - Miscellaneous		
Escalator Motor Controllers (EMC)	HP	\$20.00
VSD Pool Pump & Scheduling Control	HP	\$150.00
VSD Air Compressor Replacement < 50hp	HP	\$45.00
Compressed Air Engineered Nozzles	Nozzle	\$10.00
High Efficiency Battery Chargers	Charger	\$225.00
Demand Control Ventilation – Parking Garage	HP	\$90.00
Demand Control Ventilation – Interior Spaces	Per 1,000 sq ft	\$50 per 1,000 sq ft
Irrigation Nozzles	Nozzle	\$3.00
Irrigation Sprinklers	Sprinkler	\$2.50
Irrigation Regulators	Regulator	\$3.50
Irrigation Gaskets	Gasket	\$2.00
Retrofit - Cooling		
<b>Air-Cooled Units:</b>		
(<65 kBtuh), Qual SEER	Ton	\$12.00
(<65 kBtuh), 1 Additional SEER	Ton	\$8.00
(≥65 & <135 kBtuh), Qual EER	Ton	\$12.00
(≥65 & <135 kBtuh), 1 Additional EER	Ton	\$10.00
(≥135 & <240 kBtuh), Qual EER	Ton	\$18.00
(≥135 & <240 kBtuh), 1 Additional EER	Ton	\$10.00
(≥240 kBtuh) Qual IEER	Ton	\$18.00
(≥240 kBtuh) 1 Additional IEER	Ton	\$10.00
Water-Cooled Units, Qual EER	Ton	\$25.00
Water-Cooled Units, 1 Additional EER	Ton	\$10.00
PTAC/PTHP, Qual EER	Ton	\$50.00
PTAC/PTHP, 1 Additional EER	Ton	\$20.00
Programmable Thermostat	Each	\$25.00
Window Film	Sq. Foot	\$0.70
VSD on HVAC Fans and Pumps	HP	\$50.00
Air Side Economizers	Ton	\$25.00
Retrofit – Custom		
	Annual Energy Savings (kWh)	
Custom Incentive	\$0.05 /kWh	
Retro-Commissioning	\$0.05 /kWh	

## LEARN MORE

CALL | 800.342.6335  
 EMAIL | [bes@nvenergy.com](mailto:bes@nvenergy.com)  
 WEB | [www.nvenergy.com/bes](http://www.nvenergy.com/bes)

# AB54 Impacts on Retrofit Incentives

Interior Guest Room LED Lamp/Fixture (Can be used for guest room incandescent, CFL, fluorescent T5, LED lamps or fixture retrofits)								
INCENTIVE: \$0.10/Watt Reduced								
Pre		Post		Pre		Post		
Pre Fixture Description Example: 13W CFL	Post Fixture Description Example: 5W LED Lamp	Location Example: Bathroom, floor lamp or entry	# of Lamps or Fixtures	Watts / Lamp or Fixture	# of Lamps or Fixtures	Watts / Lamp or Fixture	Total Watts Reduced	Calculated Incentive
Due to AB54, the retrofit of A-19, general service, screw-in incandescent lamps are available only for this measure AND the baseline for all such lamps is as follows: <u>40W Inc = 10W</u> <u>60W Inc = 18W</u> <u>75W Inc = 24W</u> <u>100W Inc = 36W</u>								

- A-19 incandescent lamp baselines are only eligible under guest room measures on the retrofit application.
- In guestroom measure group, adjusted baselines are to be used for A-19 lighting.



# More Ways to Save

## Business Energy Services 2022 Southern New Construction Incentive Summary

New Construction - Lighting Power Density		
Measure	Unit	Incentive
Interior Lighting Power Density, 10% Better Than IECC 2009	kW	\$350.00
Interior Lighting Power Density, 5% Better Than IECC 2012	kW	\$250.00
Interior Lighting Power Density, 5% Better Than IECC 2018	kW	\$250.00

New Construction - Performance Based / Whole Building	
Approach	Annual Energy Savings (kWh)
Performance Based - 10% Better Than IECC 2009	\$0.05 per kWh
Whole Building - 10% Better Than IECC 2009	\$0.05 per kWh
Performance Based - 5% Better Than IECC 2012	\$0.05 per kWh
Whole Building - 5% Better Than IECC 2012	\$0.05 per kWh
Performance Based - 5% Better Than IECC 2018	\$0.05 per kWh
Whole Building - 5% Better Than IECC 2018	\$0.05 per kWh

Please refer to 2022 Business Energy Services  
New Construction Specifications document for complete  
specifications

New Construction - Cooling / Misc.			
Measure	Unit	IECC 2009, 2012 & 2018 Incentive	IECC 2012 & 2018 - C406 Incentive
<b>Air-Cooled Units</b>			
(<65 kBtuh), Qual SEER	Ton	\$12.00	\$14.00
(<65 kBtuh), 1 Additional SEER	Ton	\$8.00	\$10.00
(≥65 & <135 kBtuh), Qual EER	Ton	\$12.00	\$14.00
(≥65 & <135 kBtuh), 1 Additional EER	Ton	\$10.00	\$12.00
(≥135 & <240 kBtuh), Qual EER	Ton	\$18.00	\$22.00
(≥135 & <240 kBtuh), 1 Additional EER	Ton	\$10.00	\$12.00
(≥240 kBtuh) Qual IEER	Ton	\$18.00	\$22.00
(≥240 kBtuh) 1 Additional IEER	Ton	\$10.00	\$12.00
Water-Cooled Units, Qual EER	Ton	\$25.00	\$30.00
Water-Cooled Units, 1 Additional EER	Ton	\$10.00	\$12.00
PTAC/PTHP, Qual EER	Ton	\$60.00	\$60.00
PTAC/PTHP, 1 Additional EER	Ton	\$24.00	\$24.00
Flat Plate Heat Exchanger <sup>2</sup>	HX Tons	\$15.00	N/A
Variable Speed Drive	per HP	\$60.00	N/A

<sup>1</sup>Incentives for projects subject to Section C406 of IECC 2012 & IECC 2018.

<sup>2</sup>Flat Plate Heat Exchangers are required by IECC 2012 & IECC 2018 and thus not eligible for incentive.

New Construction - Commercial Kitchen		
Measure	Unit	Incentive
HE Fryer	Vat	\$200.00
Large Vat Fryer	Vat	\$200.00
HE Griddle	Griddle	\$300.00
Convection Oven	Oven	\$350.00
Combination Oven	Oven	\$1,000.00
Steam Cooker	Steamer	\$750.00
HE Holding Cabinets, Full Size	Cabinet	\$300.00
HE Holding Cabinets, 3/4 Size	Cabinet	\$250.00
HE Holding Cabinets, 1/2 Size	Cabinet	\$200.00
Ventilation Control - New Hood	HP	\$300.00
Evaporator Fan Controller	Controller	\$35.00
Ice Machine ES/CEE I <300	Machine	\$50.00
Ice Machine ES/CEE I 300-500	Machine	\$75.00
Ice Machine ES/CEE I 500-1000	Machine	\$125.00
Ice Machine ES/CEE I 1000-1500	Machine	\$200.00
Ice Machine ES/CEE I >1500	Machine	\$250.00
Ice Machine CEE II <300	Machine	\$100.00
Ice Machine CEE II 300-500	Machine	\$150.00
Ice Machine CEE II 500-1000	Machine	\$250.00
Ice Machine CEE II 1000-1500	Machine	\$400.00
Ice Machine CEE II >1500	Machine	\$500.00
Refrigerator SD ES < 15 cf	Refrigerator	\$50.00
Refrigerator SD ES 15 ≤ V < 30 cf	Refrigerator	\$75.00
Refrigerator SD 30 ≤ V < 50 cf	Refrigerator	\$90.00
Refrigerator SD ES ≥ 50 cf	Refrigerator	\$125.00
Freezer SD ES < 15 cf	Freezer	\$60.00
Freezer SD ES 15 ≤ V < 30 cf	Freezer	\$75.00
Freezer SD ES 30 ≤ V < 50 cf	Freezer	\$80.00
Freezer SD ES ≥ 50 cf	Freezer	\$200.00
Refrigerator GD ES <15 cf	Refrigerator	\$50.00
Refrigerator GD ES 15 ≤ V < 30 cf	Refrigerator	\$75.00
Refrigerator GD 30 ≤ V < 50 cf	Refrigerator	\$90.00
Refrigerator GD ≥ 50 cf	Refrigerator	\$125.00
Freezer GD ES < 15 cf	Freezer	\$60.00
Freezer GD ES 15 ≤ V < 30 cf	Freezer	\$75.00
Freezer GD ES 30 ≤ V < 50 cf	Freezer	\$80.00
Freezer GD ES ≥ 50 cf	Freezer	\$200.00



## LEARN MORE

CALL | 800.342.6335  
EMAIL | [bes@nvenergy.com](mailto:bes@nvenergy.com)  
WEB | [www.nvenergy.com/bes](http://www.nvenergy.com/bes)

# How to Find a Contractor

Navigate to [nvenergy.com/bes](https://nvenergy.com/bes)

## Incentives & No-Cost Offers



Reduce operating expenses with incentives for energy efficiency and demand response equipment, and qualified custom projects that cut your energy costs.



[LEARN ABOUT INCENTIVES](#)

## Find a Contractor

Locate contractors in your area who are knowledgeable about Business Energy Services incentives.



[LEARN MORE](#)



Search here for contractors in your area experienced in NV Energy's Business Energy Services Incentive Program (except Small Business Savings program). Search by the LOCATION of your project, and the SERVICES you are seeking. For Small Business Savings contractors, [click here](#).

Search here for contractors in your area experienced in NV Energy's Business Energy Services Incentive Program. Search by the LOCATION of your project, and the SERVICES you are seeking.

### NVE TA List

Location:  Services:



NVE TA List

Location:  Services:

Northern Nevada  
Southern Nevada



NVE TA List

Location:  Services:

Architectural/Design Services  
Boilers  
Engineering Services  
Equipment Vendor  
HVAC Consulting  
HVAC Installation  
IT Solutions  
Lighting Consulting  
Lighting Installation  
Pump Services  
Refrigeration Consulting  
Refrigeration Installation  
EE/DR



# Early Involvement Bonus: Extended!

## Earn a 20% bonus on retrofit applications

### North

Applied to first **30M** kWh

### South

Applied to first **100M** kWh

Projects must be completed and final documents received by November 15, 2022 to qualify. Bonus is first come, first served, applied to retrofit projects submitted for NV Energy business customers.

Small business, non-profit, instant discount and new construction projects do not qualify.



# Northern NV Industrial Bonus

## Earn a 5% bonus on retrofit applications

**Northern Nevada Industrial and Manufacturing Customers:**  
Earn an extra **5%** incentive bonus

Projects must be completed and final documents received by August 1, 2022 to qualify.  
Bonus is first come, first served, applied to retrofit projects submitted for NV Energy business customers.

Small business, non-profit, instant discount and new construction projects do not qualify.



# Ready to Start a Project?

## Access Contractors Online



Search here for contractors in your area experienced in NV Energy's Business Energy Services Incentive Program (except Small Business Savings program). Search by the LOCATION of your project, and the SERVICES you are seeking. For Small Business Savings contractors, [click here](#).

Search here for contractors in your area experienced in NV Energy's Business Energy Services Incentive Program. Search by the LOCATION of your project, and the SERVICES you are seeking.

### NVE TA List

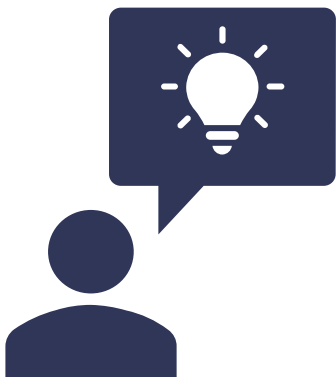
Location:  Services:

Contractor	Location	Services
ADAMIK ELECTRIC Las Vegas Cheryl Adamik 702-750-1811 <a href="mailto:Service@adamikelectric.com">Service@adamikelectric.com</a> <a href="http://adamikelectric.com/">http://adamikelectric.com/</a>	Southern	HVAC Consulting HVAC Installation Lighting Consulting Lighting Installation
BIDENERGY INC Philadelphia Tim Mayo 215-732-4480 <a href="mailto:tim.mayo@bidenergy.com">tim.mayo@bidenergy.com</a> <a href="http://www.bidenergy.com">www.bidenergy.com</a>	Northern Southern	HVAC Consulting Lighting Consulting Refrigeration Consulting
ECOGREEN SOLUTIONS, INC. Laguna Niguel Corey Brophy (949) 364-6800 <a href="mailto:Corey.B@EcoGreen-Solutions.Net">Corey.B@EcoGreen-Solutions.Net</a> <a href="http://www.ecogreen-solutions.net">www.ecogreen-solutions.net</a>	Northern Southern	Equipment Vendor HVAC Consulting HVAC Installation Lighting Consulting Lighting Installation Pump Services Refrigeration Consulting

OR

## Talk with an Energy Advisor

To get a printable list



1-800-342-6335



# Talk with an Energy Advisor

## 1-800-342-6335

Email [bes@nvenergy.com](mailto:bes@nvenergy.com)

Thank You! We look forward to working with you.