

2021 Standard Industrial and Agricultural Electric and Existing Buildings Incentive Updates

The presentation will begin at 9:00 a.m.





2021 Commercial + Industrial Program Updates

April 5, 2021



Agenda

- 2020 in review
- 2021 Industrial & Agricultural program updates
- 2021 Existing Buildings & Multifamily program updates

2020 in Review



2020: COVID-19 disrupts the market and affects many businesses and forecasted projects

Energy Trust deploys COVID bonus offers to help businesses invest in energy efficiency

Project life cycle lengthens due to supply chain disruption and labor resource constraints

2021: Adjusting incentives and program requirements to align with budget for new projects



Industrial & Agricultural Program Updates



2020 Look-Back

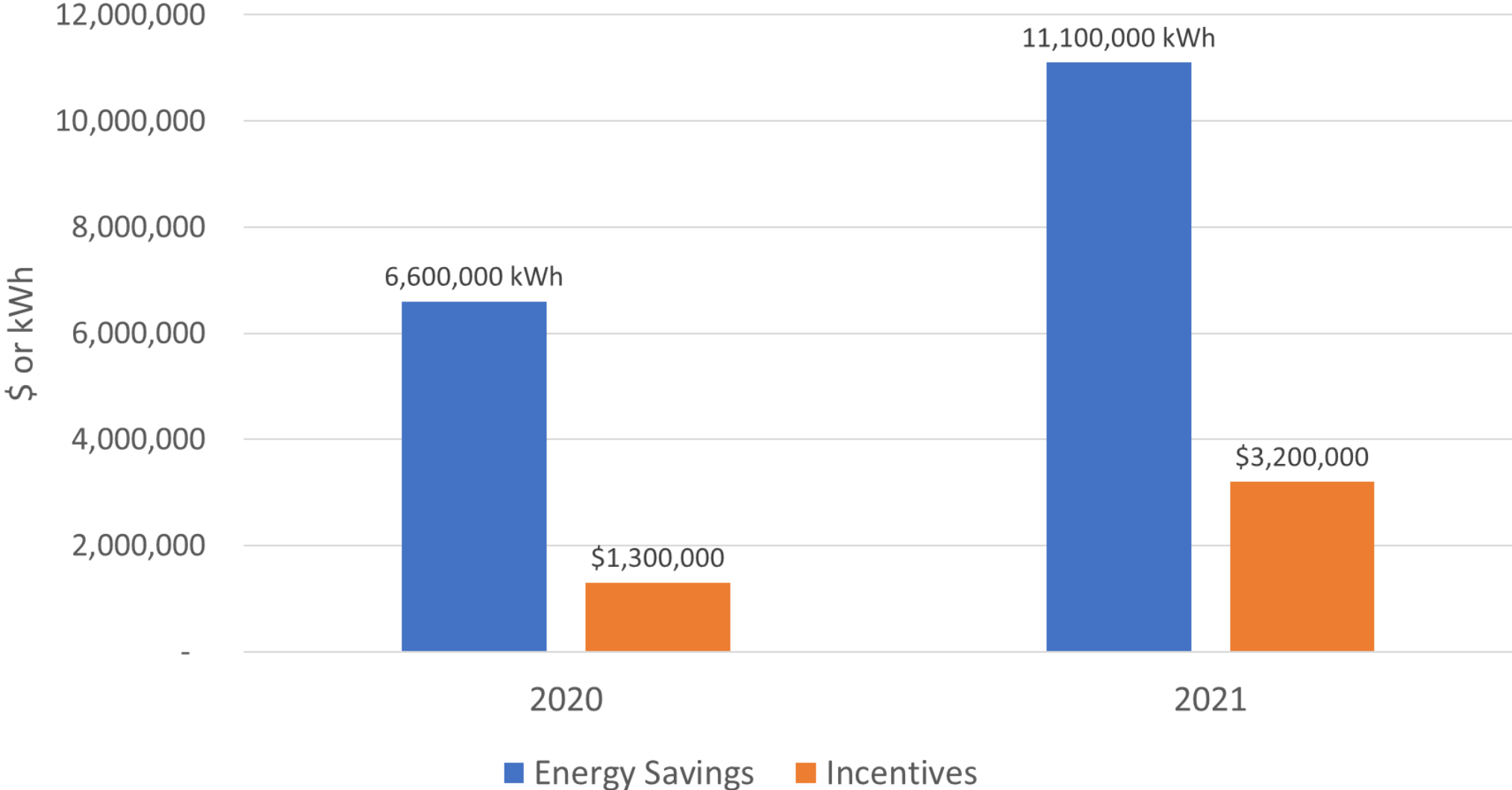
May 4, 2020 – Bonus incentives are introduced

237 Bonus Offers Accepted
Energy savings, enough to power
1,500 Homes

June 30, 2021 – Deadline to close
remaining bonus projects

Standard Industrial Savings and Incentives

(Pipeline on January 1, 2020 versus January 1, 2021)





Cascade **Energy**®

Meet the Cascade Energy Team



Aaron Frechette
Program Manager



Cynthia Kinney
Program Specialist



Jessica Arnold
Outreach Manager

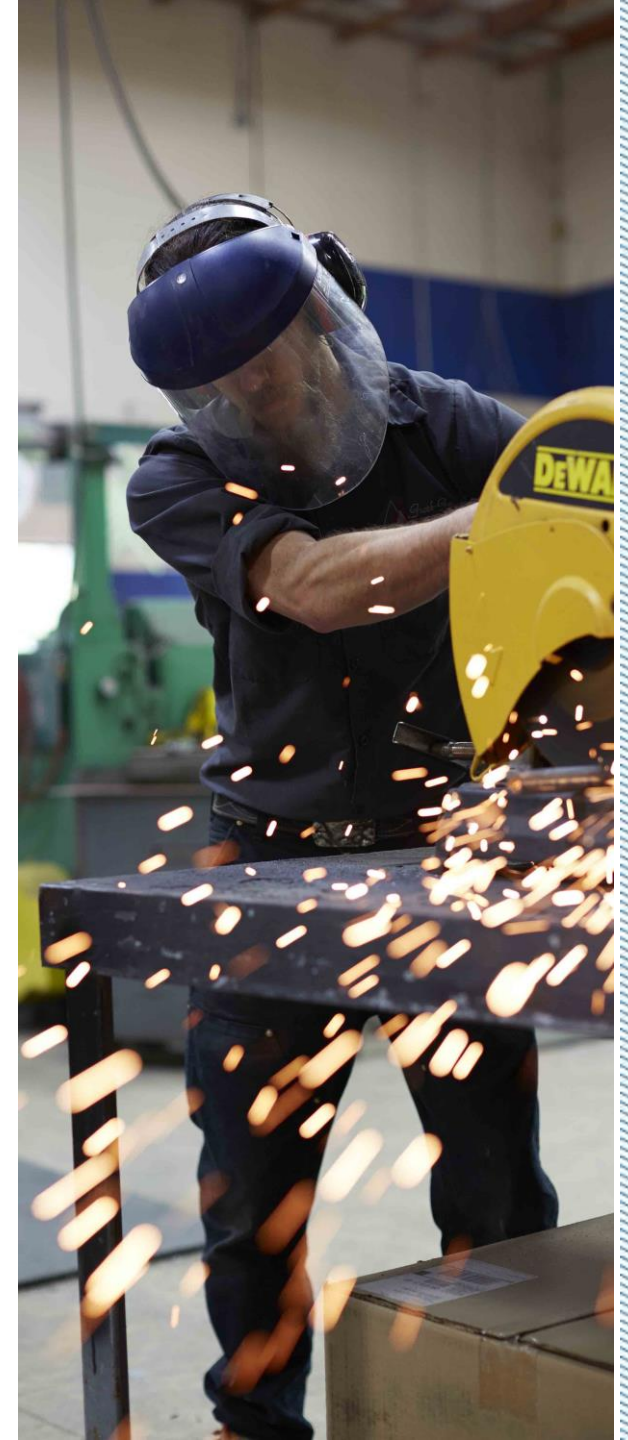
What's changing in 2021?

No changes to gas incentives

Changes to electric incentives

- **Lower rebates** for some equipment types
- **New caps** on annual incentives for calculated + rebates

If customers have questions about custom projects, please refer them to the PDC in their area.



2021 Standard Industrial Calculated Incentives

- Pre-approval required
- \$0.30 per annual kWh energy saved
- Up to 70% of eligible project cost
- Caps on the total incentives available per site



Calculated Incentives - Project and Site Caps

Calculated Incentives	Both Utilities Limit on Number of Projects per Site	PGE Maximum Incentive Cap per-Site, Per-System Type	Pacific Power Maximum Incentive Cap per-Site, Per-System Type
Industrial	One incentive application per site in 2021 for each system type	\$40,000	\$10,000 if energy savings less than 100,000 kWh \$15,000 if energy savings of 100,000 kWh or more
Irrigation	None (until per-site calculated incentive cap is reached)	\$40,000	\$10,000 if energy savings less than 100,000 kWh \$15,000 if energy savings of 100,000 kWh or more

Standard Industrial Calculated

System Types

Compressed Air Leak Repair

Compressed Air Upgrades

Fan VFDs

Cooling Tower Fan VFDs

Dairy Pre-coolers & Vacuum Pump VFDs

High-speed Doors for Cold Storage

Refrigeration Controls

Municipal Water Leak Repair

Industrial/Municipal Pump Upgrades

Self-Cleaning Wastewater Pumps

Standard Industrial Rebate Caps

Rebates	Both Utilities Limit on Number of Rebate Applications per Site	PGE Incentive Cap per System Type	Pacific Power Incentive Cap per System Type
Industrial	1 rebate application per site in 2021 for each system type	\$40,000	\$10,000
Irrigation	No limit on the number of irrigation rebate applications per site*	\$40,000	\$10,000

*Until the applicable incentive cap is reached.

2021 Standard Industrial Electric Rebates

Equipment	Incentives
Battery Charger Replacement	\$600 per charger
Indoor Ag Dehumidifiers	\$7 per ppd (retrofit) \$5 per ppd (new construction)
Building Insulation (electric heat)	No change
Premium Irrigation Hardware	No Change
Irrigation Linear and Pivot Upgrades	\$7 to \$25 per drop depending on options
Welder Replacement	\$700 per welder

Standard Industrial Incentive Cap Example

- PGE Site
- Received Calculated Incentives
 - \$40,000 for compressed air
 - \$20,000 for high-speed door
- Gets Additional Rebates
 - \$12,000 for 20 Battery Chargers
 - \$5,000 for Insulating an Electric Heated Space
- Received \$77,000 in Standard Industrial Incentives
- No More Incentives in 2021 at this Site for:
 - Compressed Air, High-Speed Doors, Battery Chargers, or Electric Building Insulation
- Same Customer Could Repeat This for an Additional Site

Premium Irrigation Hardware Rebates

Description	Incentive
New low pressure regulators	\$5.00 per regulator
New drop tubes or hose extensions for low pressure sprinklers	\$2.40 per tube
New "goose neck" elbows for new drop tubes	\$1.65 per elbow
New rotating type sprinklers that replace impact sprinklers	\$4.00 per sprinkler
New multi-trajectory sprays that replace worn low pressure sprinklers	\$1.00 per sprinkler
New multi-trajectory sprays that replace impact sprinklers	\$4.00 per sprinkler
New multiple configuration nozzles for low pressure systems	\$2.75 per sprinkler
Rebuilt or new impact sprinklers to replace worn sprinklers	\$3.75 per sprinkler
New nozzles for impact sprinklers that replace worn nozzles	\$.75 per nozzle
New flow-controlling type nozzles for impact sprinklers	\$3.75 per nozzle
New drains	\$1.00 per drain
New gaskets replacing leaking gaskets	\$2.00 per gasket, Limit 2 per irrigated acre
Cut and pipe press repair of leaking pipes	\$10.00 per section

Irrigation Pivot and Linear Upgrade Rebates

Description	Incentive
Upgrade from high pressure to MESA with VFD	\$25 per drop
Upgrade HP to LESA/LEPA/PMDI with VFD	\$25 per drop
Upgrade MESA to LESA/LEPA/PMDI with VFD	\$15 per drop
Upgrade high pressure to MESA without VFD	\$11 per drop
Upgrade HP to LESA/LEPA/PMDI without VFD	\$10 per drop
Upgrade MESA to LESA/LEPA/PMDI without VFD	\$7 per drop

Recap of 2021 Standard Industrial Incentives

- We begin accepting rebates and making calculated incentive offers today, **April 5.**
- Lower rebates for some equipment
- Program caps
 - Caps based on each site
 - Each site can max out incentives for each system type
 - Caps apply only to electric measures





Thank you

Streamlined Industrial@energytrust.org

503.928.3154

2021 Standard Existing Buildings Incentive Updates

The presentation will begin at 9:45 a.m.



Existing Buildings & Multifamily Program Updates



Topics Covered Today

- 2020 in Review
- Meet the team
- 2021 Incentives Launch
- What's next?

2020 in Review



2020: COVID-19 disrupts the market and affects many businesses and forecasted projects

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Project life cycle lengthens due to supply chain disruption and labor resource constraints

2021: Adjusting incentives and program requirements to align with budget for new projects



2020 in Review

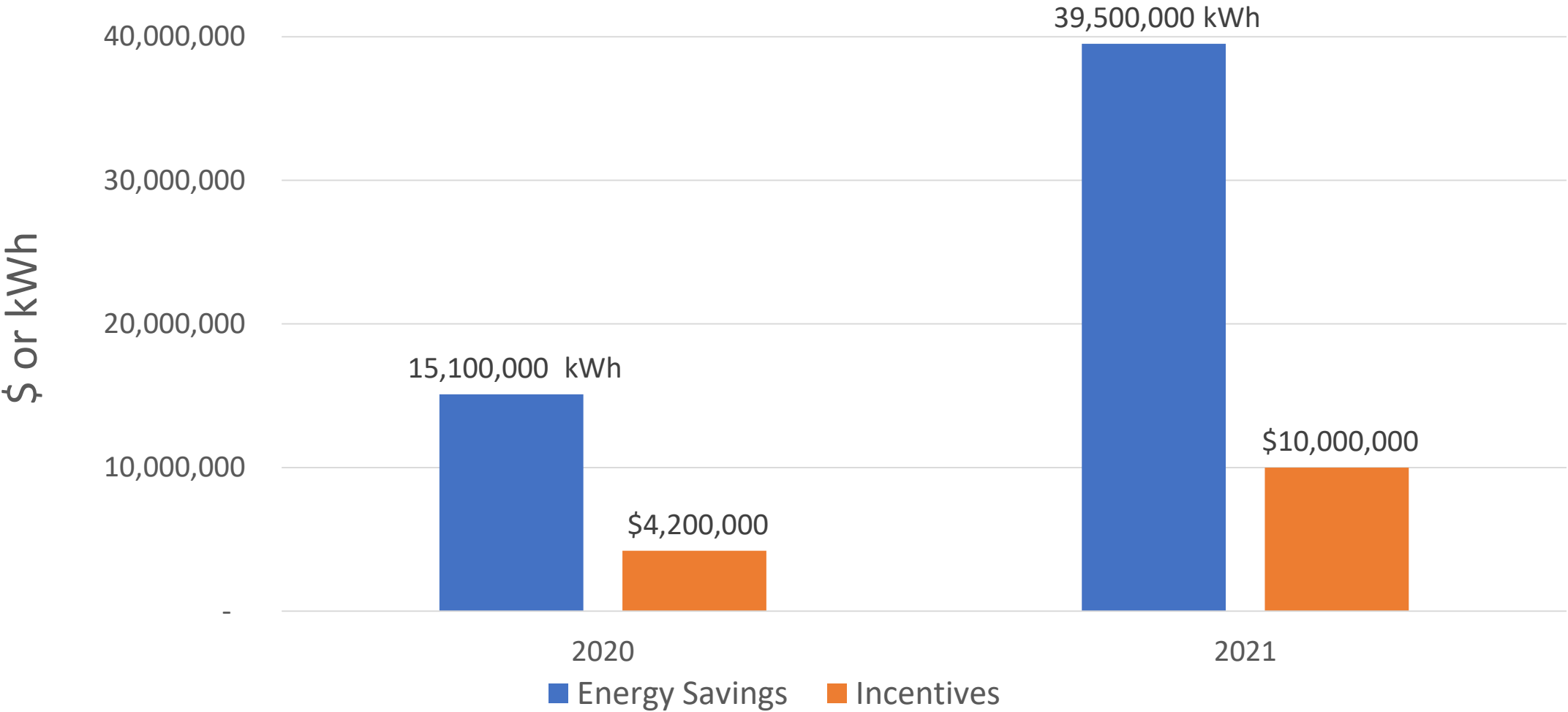
May 4, 2020
Energy
Trust bonuses
launch

1,019 bonus
offers accepted

Enough savings
to power 1,500
homes

Existing Buildings Electric Savings and Incentives

(Spend + pipeline on March 31, 2020 vs March 31, 2021)



An aerial photograph of a city, likely Seattle, featuring a complex highway interchange, a river, and various buildings. The entire image is overlaid with a semi-transparent blue filter. The text 'Introductions' is centered in the middle of the image in a white, sans-serif font.

Introductions



Meet the TRC Team



Shelley Beaulieu

Senior Program Manager



Nick Michel

Deputy Program Manager



Colin Podelnyk

Energy Advisor Manager



Ali Ujan

Trade Ally Lead



Existing Buildings / Multifamily Oregon Incentives

Annual site caps for customers served by
PGE and Pacific Power

Pacific Power incentive reductions and
removals

- Lodging
- Insulation
- Service shops and warehouses
- Grocery

All changes go into effect
today,
April 5, 2021



Standard Project Incentive Caps

- Apply to Existing Buildings and Multifamily projects
- Apply to ***electric-only*** measures
- PGE standard projects: **\$12,000**
- Pacific Power standard projects: **\$6,000**
- Caps are ***per site***, per year

For the electric incentive limits listed, site = a unique combination of customer, building, address and utility account information

Email ExistingBuildingsTA@EnergyTrust.org with questions.

Pacific Power Only – incentives no longer available

- Anti-sweat heater controls
- Evaporator fan motors
- Refrigerator doors
- New cooler cases with doors
- Floating head pressure controls (FHPC)
- Floating suction pressure controls (FSPC)



Pacific Power Only – reduced incentives

Measure	Incentive (as of 4/5/2021)
Packaged terminal heat pumps (PTHP) <i>In lodging only</i>	\$40 each
Forklift battery charger	\$600 each
Inverter-driven welder	\$700 each

Example project

Pacific Power customer purchases 12 forklift battery chargers.

- The new incentive is \$600 per charger.
- $12 \times \$600 = \mathbf{\$7,200}$

The project incentive cap of \$6,000 applies.

- Eligible incentive: **\$6,000**



PGE – commercial insulation (dual fuel)

Measure	Incentive (as of 4/5/2021)
Attic insulation	\$0.60 per sq ft \$12,000 project cap
Roof insulation	\$0.50 per sq ft \$1.00 per sq ft \$12,000 project cap
Wall insulation	\$0.60 per sq ft \$12,000 project cap

Pacific Power – commercial insulation (dual fuel)

Measure	Incentive (as of 4/5/2021)
Attic insulation	\$0.60 per sq ft \$6,000 project cap
Roof insulation	\$0.50 per sq ft \$1.00 per sq ft \$6,000 project cap
Wall insulation	\$0.60 per sq ft \$6,000 project cap

Recap of Existing Buildings/Multifamily changes

Change	PGE	Pacific Power
Project incentive caps, electric-only measures	\$12,000 per site per year	\$6,000 per site per year
Removal of select grocery measures	No	Yes
Reduction of select measure incentives	No	Yes
Project incentive caps, dual fuel <i>commercial</i> insulation measures	\$12,000 per site per year	\$6,000 per site per year

Custom Program Changes

Maximum 2021 electric incentives capped at:

Customers served by PGE: \$12,000

Customers served by Pacific Power: \$6,000



Thank you

ExistingBuildingsTA@EnergyTrust.org

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