



TVA EnergyRight for Business & Industry Incentives Program

Business & Industry Incentives

Save energy and money

Designed to provide unbiased information to help customers make sound, electrical investment decisions to reduce operating costs and to offset the additional cost of more efficient technology projects. Incentives help to reduce the project payback period and increase the likelihood of implementation.

Who is eligible to participate?

Commercial, industrial, LPC & federal customers may participate with qualifying projects. Examples of participants include gas stations, offices, arenas, hospitals, schools, hotels, prisons, post offices, car dealerships, churches, grocery stores, casinos, manufacturers, farms, courthouses, museums, restaurants, airports and retail stores.

How it helps customers

Financial incentives for energy upgrades:

- Offset the cost of upgrades.
- Reduce energy consumption.
- Free up funds previously allocated to energy to put back into business and local economy.
- Help to meet corporate ESG and sustainability goals.
- Improve indoor air quality, productivity, health and safety of facilities.
- Become more competitive in the marketplace with lower operation costs.

Preferred Partners Network (PPN)

Expert Trade Ally Network

The Preferred Partners Network is a group of trusted, vetted commercial and industrial trade allies committed to promoting energy efficiency technologies and equipment with exclusive access to incentives.

PPN members submit incentive applications online for their customers and respond to requests with online proposals.

Who Is Eligible To Participate?

Trade professionals committed to the design, installation, servicing and promotion of energy solutions and technologies for businesses in your area. If interested, we're ready for you. Contact us at ppn@tva.gov

How It Helps Customers

The PPN helps your B&I customers:

- Hire a well-trained contractor confidently.
- Take advantage of TVA EnergyRight incentives.
- Find the right energy-saving solutions for their business.
- Meet their sustainability goals.
- Promoting the PPN also assists with your local economic development efforts, helping your community thrive

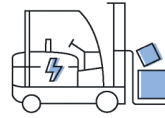
Standard Incentive Offerings



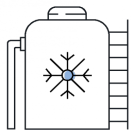
HVAC



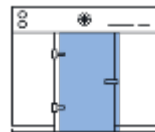
**LED
Lighting**



**Electric
Forklifts**



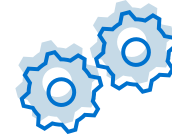
**Thermal Ice
Storage**



Refrigeration



**Variable Speed
Drives**

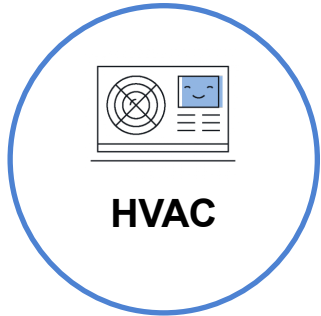


Custom

Available at \$0.12/kWh for 1st year annual savings for any improvement that would not fall under standard incentives.

Key Features of Each Technology Incentive

B&I Standard Incentives Available

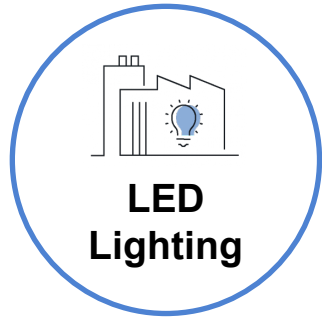


HVAC

- \$80/ton replacements
- \$175/ton A/C units with advanced tier efficiencies
- \$250/ton VRF and dual fuel heat pumps

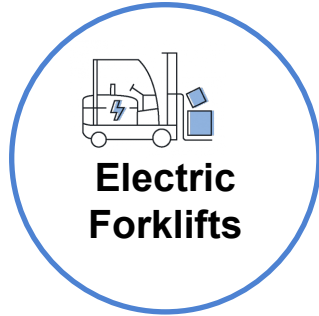


\$200/ton Air-Cooled Chillers



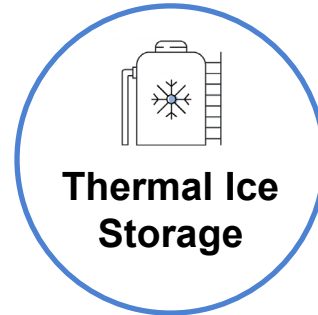
LED Lighting

- \$0.10/kWh indoor, outdoor and street lighting upgrades
- \$0.10/kWh installations for new indoor buildings and expansions
- \$4.00/tube 4 ft. linear T8 LED tube



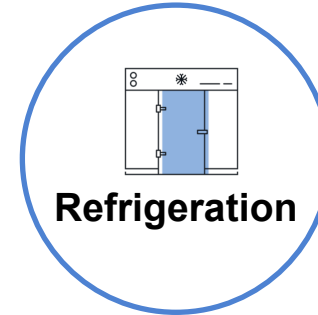
Electric Forklifts

- Class 1 and 2
- \$1,000/leased
- \$2,000/purchased



Thermal Ice Storage

- \$9/ton-hour for partial
- \$11/ton-hour for full



Refrigeration

- \$50/electronically commutated motor
- \$200/evaporator fan controller
- \$100/linear ft for open cases
- \$200/linear ft for medium and low temp cases



Variable Speed Drives

- \$100/horsepower

Key:

Available for New Construction Replacement only



Available January 2025

LED Standard Lighting

KEY FEATURES

Amount

- Indoor, outdoor and street lighting at \$0.10/kWh

Qualifying Units

- Upgrades to LED
- Indoor
- Exterior
- Street Lighting

Requirements

- Pre-approval is required
- T12 will be reverted to a T8 baseline
- Must be a retrofit, re-grid or re-lamping
- PPEC lighting tool & online application required to be submitted for each project
- Multi-wattage fixtures eligible at selected wattage
- No DLC Qualified Product List requirement



NEW

New Construction LED Lighting

KEY FEATURES

Amount

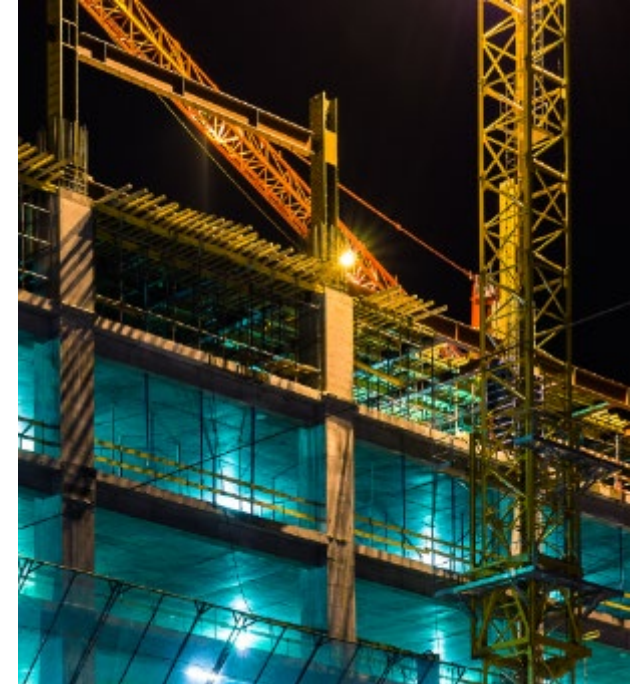
- \$0.10/kWh - Indoor lighting for new buildings and expansions

Qualifying Units

- LED Lighting
- Indoor

Requirements

- Pre-approval not required
- Can apply up to 6 months after install or invoice date
- Incentive amount and kWh savings calculated based on actual building-wide LPD and improvement above 2009 IECC new construction codes
- Documents required: COMcheck or similar, spec sheets, documents to verify square footage, invoices



Fast Track Lighting

KEY FEATURES

Amount

- \$4.00 per 4 ft linear LED tube

Qualifying Units

- Limited to only 4 ft linear LED tubes
- Indoor
- Exterior
- Street Lighting

Requirements

- Participants can apply up to 6 months after installation or invoice date.
- Submit Spec Sheets & Invoices
- Removes requirements
 - No PPEC
 - No pre-inspection
 - No pre-approval



HVAC

KEY FEATURES

Amount

- \$250/ton for fuel switching* for EE
- \$175/ton for advanced Tier EE or Expansion**
- \$80/ton for EE replacements**

Qualifying Units

- **Unitary AC
- **Unitary Heat pump
- *Dual Fuel Heat Pump
- *Variable Refrigerant Flow (VRF) Heat Pump

Requirements

- Pre-approval not required before purchase or installation
- Online application must be received within 6 months of installation to be eligible
- HVAC must meet updated efficiency requirements
- Unitary HP cannot have electric resistance heat
- Increased efficiency requirements

New building, addition to a building, or new equipment in an existing building.



NEW

HVAC: Air Cooled Chillers

KEY FEATURES

Amount

- \$200/ton for Air-Cooled Chiller EE replacements and new installations

Qualifying Units

- Air-Cooled Chillers

Requirements

- No pre-approval
- Can apply up to 6 months after install or invoice date
- All Building Types
Ex: Community College, Secondary School, Hospital, Nursing Home, Hotel, and more.

New building, addition to a building, or new equipment in an existing building.



Variable Speed Drive (VSD)

KEY FEATURES

Amount

- \$100 per horsepower (HP)
- Energy Efficiency only

Qualifying Units

- Cooling Tower Fans
- Chiller Water Pumps
- Condenser Water Pumps
- Hot Water Pumps
- Supply/Return Fans

Requirements

- Pre-approval required
- Eligible for the installation of VSDs on existing equipment only.
- Replacement of multispeed motor, and agriculture and industrial process VSD projects may be eligible through the custom incentive.



Refrigeration

KEY FEATURES

Amount

- \$50 per Electrically commutated motors (ECM)
- \$200 per evaporator fan controller
- Energy Efficiency only

Qualifying Units

- Reach in coolers
- Walkin freezers
- Evaporator fan controller

Requirements

- Pre-approval required

EC Motor Replacements

- **\$50** per ECM
- Motor types: constant CFM, constant RPM, and/or constant torque
- Retrofits of existing refrigeration cases, walk-in refrigerators and walk-in freezers
- Replacement of existing Shaded-Pole motor with ECM
- Replacement of motors not directly related to refrigeration may be eligible through the custom offering

Evaporator Fan Controllers

- **\$200** per controller
- Installed on an ECM
- Retrofits of existing refrigeration cases, walk-in refrigerators and walk-in freezers

New building, addition to a building, or new equipment in an existing building.



Refrigeration - Continued

KEY FEATURES

Amount

- \$100 per linear foot for open cases
- \$200 per linear foot for medium & low temperature cases

Qualifying Units

- Reach-in cooler/freezer
- Walk-in cooler/freezer
- Evaporator fan controller

Requirements

- Pre-approval required
- High efficiency reach-in cases are required to have the following:
 1. Energy-efficient LED case lighting
 2. ECM installed on evaporator fan motor
 3. High efficiency low/no anti-sweat heat display case doors (applicable to reach-in cases)
- Installation of new refrigeration cases
- Replacement of existing refrigeration systems
- Existing refrigeration cases must be standard efficiency

New building, addition to a building, or new equipment in an existing building.



Thermal Ice Storage

KEY FEATURES

Amount

- Partial Storage
\$9/ton/hour
- Full Storage
\$11/ton/hour

Qualifying Units

- Ice Storage
- Chilled Water Systems

Requirements

- Pre-approval required
- Projects may require pre and post M&V
- Must submit detailed energy calculations and SOW
 - Ton hours
 - kWh savings
 - CO2 savings



Electric Forklifts

KEY FEATURES

Amount

- \$2,000/purchased forklift
- \$1,000/leased forklift

Qualifying Units

- Class 1: Electric Motor Counterbalanced rider
- Class 2: Electric Motor narrow Aisle

Requirements

- Replace IC (class 4 or 5)
- Can be fleet expansion
- Purchase new or refurbished forklifts
- Refurbished forklifts must have new battery
- Pre-approval required
- Rentals are not eligible



Custom

KEY FEATURES

Amount

- Up to \$0.12/kWh
- Project incentive minimum of \$1,500
- EE only

Sample Technologies

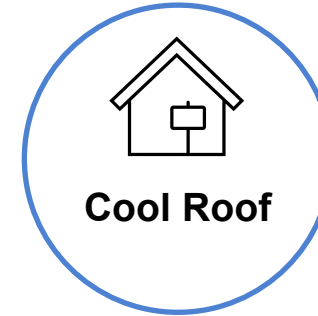
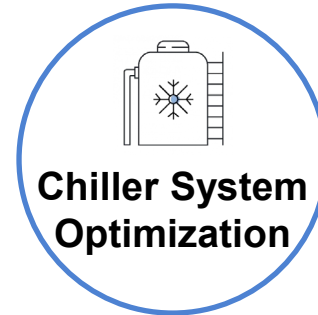
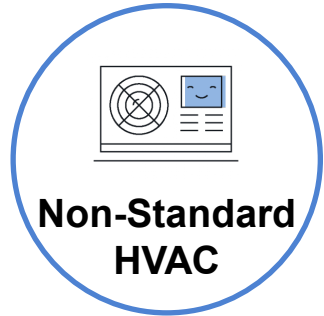
- Non-Standard HVAC
- Compressed Air
- Building Management Controls
- Chiller system Optimizations
- Industrial Optimization
- Cool Roof
- Other technologies may apply

Requirements

- Pre-approval required
- Projects may require pre and post M&V
- Must submit full scopes of work and energy model
- Highly suggested to contact the program to discuss SOW before application submission.
- Engineering and design costs can be included in the material costs
- Eligible projects must be system retrofits
- Fuel switching, custom lighting and resistance heat projects are NOT eligible.
- Subscription-based software is NOT eligible for incentives
- Leased equipment is not eligible for incentives.
- Savings estimates can be submitted using proprietary spreadsheets



B&I Custom Incentive Examples



Available for 1st year annual savings for any improvement that would not fall under standard incentives.

- Up to \$0.12/kWh
- Project incentive minimum of \$1,500
- Energy Efficiency Only

Standard Incentive Guideline - Highlights

- Up to 730 Days for project completion
- Post-inspections may be required for Fast Track Lighting and New Construction Lighting. Pre- and post-inspections may be required for remaining incentives. If required, do not install or remove equipment prior to application pre-approval.
- Spec sheets and scopes of work are required for applications
- OLA & PPEC need to be submitted at the same time for lighting projects. No PPEC required for Fast Track and New Construction Lighting.
- Invoices due within 30 days of application for Fast Track Lighting and New Construction Lighting. Invoices due within 30 days of installation for the remaining incentives.
- On-bill credit replaces checks for project incentives >\$12,000
- Incentive is capped at 70% of material cost (does not include labor and sales tax)
- The minimum for standard incentives is \$150 (custom is \$1,500)
- Customer cap is \$3M per TVA fiscal year (Oct - Sep)
- Directly served, commercial, industrial and federal customers are eligible

Rapid Rebuilding Assistance

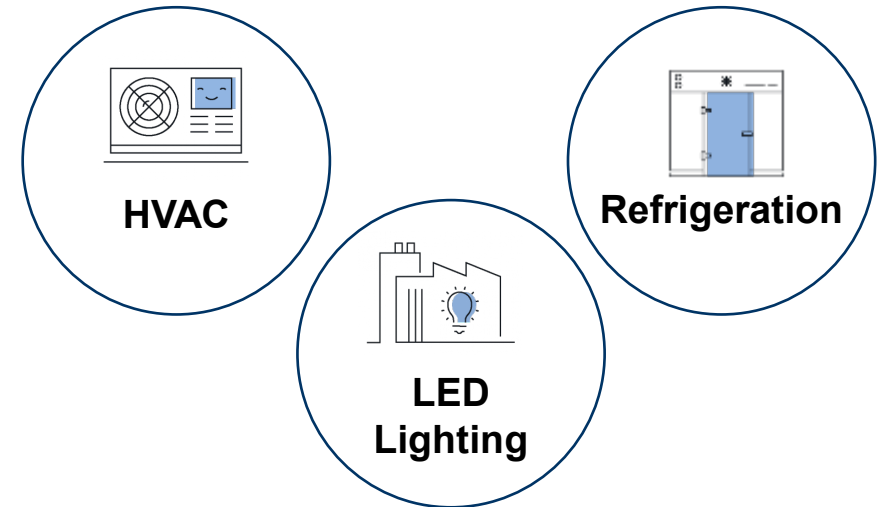
Rapid Rebuilding Assistance Overview

Expedited EE assistance for commercial & industrial customers impacted by natural disasters.

Benefits

- 2-year application period from FEMA-declared date (beginning September 2024).
- No pre-inspection required.
- Assistance with applications and contractors.
- Equipment ordered and installed after the storm and prior to application approval is allowed.
- Incentives paid by check upon project completion.

Available Incentives



Rapid Rebuilding Assistance Eligibility

Program eligibility requirements

- Impacted businesses or industrials located in a FEMA-declared county in TVA's service area.
- Projects from FEMA-declared dates on or after September 1, 2024.
- Application must be received with 24 months of the FEMA-declared date.
- Purchased equipment must meet minimum efficiency requirements.
- Provide invoices, spec sheets, and proof of event insurance claim.



Available: December 2, 2024

New Construction Lighting

New Construction Lighting Opportunity

Challenge

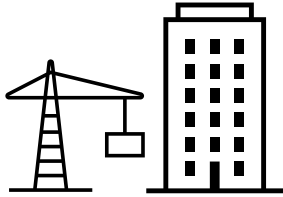
There are no lighting incentives for new industrial and commercial construction, limiting our market impact.

Goal

Standard lighting incentive for new buildings will facilitate energy savings from non-residential construction starts and expansions.



New Construction Lighting Incentive



LED Lighting: New Construction

\$0.10/kWh - Indoor lighting for new buildings and expansions

- Pre-approval not required
- Can apply up to 6 months after install or invoice date
- Incentive amount and kWh savings calculated based on actual building-wide Lighting Power Density (LPD) and improvement above 2009 IECC new construction codes
- Documents required: COMcheck or similar, spec sheets, documents to verify square footage, invoices

Launch: January 6, 2025

Air-Cooled Chillers

Air-Cooled Chillers Opportunity

Challenge

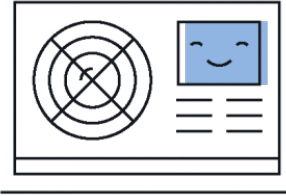
Air-cooled chillers are incentivized under the custom offering, but custom calculations are more complex and time-consuming and may be a barrier to participation.

Goal

Standard air-cooled chiller incentive will allow for easier application and participation and increase uptake.



Air-Cooled Chiller Incentive



HVAC: Air-Cooled Chillers

\$200/ton for
replacements and new
installations

- No pre-approval
- Can apply up to 6 months after install or invoice date
- Same rules and process apply for other standard HVAC incentives
- All building types
 - Examples: Community College, Secondary School, Hospital, Nursing Home, Hotel, and more.
- Average energy savings is 188 kWh/ton
- Incentive offsets 20-25% of the material costs

Launch: January 6, 2025