FirstEnergy®

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RETRO-COMMISSIONING PROGRAM

Maximize your facility's energy performance with the Retro-commissioning Program from FirstEnergy's Pennsylvania electric companies.

Every business has potential to operate more efficiently, and our program is here to help! We provide a comprehensive mix of energy-saving custom measures for non-residential buildings that can help save as much as **20% on energy bills**.[1] Even better, FirstEnergy's Pennsylvania electric companies offer **up to $10,000** to cover the cost of an in-depth energy analysis.

Available Retro-commissioning Improvements

- Optimizing HVAC equipment scheduling, setpoints and system control sequences
- Restoring economizer operation
- Repairing sensors and other critical system components
- Minimizing/eliminating simultaneous heating & cooling
- Reducing minimum airflow setpoints
- Program to "Reset" setpoints with outside air temperature:
  - Static Pressure
  - Supply Air Temperature
  - Chilled/Hot Water Supply Temperature
  - Pump Pressure
  - Condenser Water Temperature
  - Discharge/Suction Pressure (Refrigeration)

PROGRAM BENEFITS

Save on monthly energy costs with electric energy efficiency improvements

Achieve comfortable and convenient energy efficiency for both you and your tenants

Increase equipment life cycle

Find Out If Retro-commissioning Is Right for You!

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[1] https://eta.lbl.gov/publications/improving-energy-efficiency-through

PROGRAM PARTICIPATION

From enrollment to incentive, we make it easy to find the best energy-efficient solutions for your facility.

1

Enroll

Provide Willdan or FirstEnergy Program Ally with your building's specifications

2

Analyze

A contractor performs an evaluation or audit for energy efficiency improvements bundled with whole-building strategies

3

Implement

You work with a FirstEnergy Program Ally to complete the scope of work

4

Verify

Measure and verify to confirm the improvements are achieving anticipated savings

5

Final Payment

Receive your financial incentive based on the final scope of work and calculated energy savings

Customer Eligibility Requirements

- Facility must be at least two years old
- Serious interest and capability in implementing operational measures in a timely manner
- Systems that are relatively free of upgrades/replacements

Available Incentives

Utility incentives are offered for all eligible energy efficiency measures, based on the following incentive rates for verified savings:

- All verified energy savings for the Retro-commissioning Program will be paid $0.10/kWh.
- Additional incentives are available for:
  - **Energy Audit:** Eligible participants will also receive up to 50% of the cost of an energy audit or $10,000, whichever is less.

TYPICAL MARKETS

Most businesses can benefit from retro-commissioning. Businesses with larger, conditioned buildings and higher energy use can realize greater savings by participating.

Healthcare

Office/Government Buildings

Education

Hotels

Retail Stores

Refrigerated Warehouses

Distribution Centers

Manufacturing Facilities

Food Processing Facilities

TYPES OF CONTINUOUS COMMISSIONING

Retro-commissioning involves the tuning and calibration of existing building systems. Over time, typical building systems go out of calibration and require tuning to maintain ongoing efficiency.

Recommissioning re-examines buildings that may have been previously commissioned to ensure it is once again running at optimal performance.

FirstEnergy's Pennsylvania electric companies have a suite of programs to benefit all customer sizes and project types. To view all available Commercial and Industrial offerings please go to energysavePA-business.com.