

Measures for Building Automation Program

The Dominion Energy Non-Residential Building Automation Program offers the opportunity for incentives for implementing efficient measures in your new building automation system. Program staff will work with your controls contractor to influence the control strategies that will be programmed in your new system. Exact control strategies will be customized based on your facility and HVAC system type. Recommendations will be based on industry best practices and will be designed to meet or exceed code minimums.

Potential measures can include:

- Chilled Water Temperature Reset
- Cooling Tower Condenser Water Temperature Reset
- Variable-Speed Pumping with Valve Position Feedback
- Air Handling Unit Adaptive Optimal Start
- Single-Zone Constant-Volume AHU to Variable-Volume Conversion
- Constant-Volume Dual-Duct AHU to Variable-Volume Conversion
- Partial Airside Economizer Integration with Mechanical Cooling
- Multi-Zone VAV AHU Static Pressure Reset with Zone Damper Position Feedback
- Ventilation Optimization, Dynamic Ventilation Reset, based on ASHRAE 62.1
- CO₂-based Demand Control Ventilation (DCV)
- Modulating Building Relief Control
- Dual-Maximum VAV Terminal Unit Logic
- Fan-Powered VAV Terminal Unit Fan Speed Control

Customer Eligibility Requirements

General program eligibility requirements are as follows:

- Must be a new DDC controls system, in an existing building, and serving the HVAC equipment
- Both electric and gas heat are eligible
- Minimum of 50,000 sqft
- Minimum control system project cost of \$2.50 per sqft
- Initial Assessment form must be submitted during control system design phase
- Controls contractor must implement a minimum number of measure recommendations to be eligible for incentive
- Measures will be verified with an on-site visit and testing after installation

Incentives*

Incentives of up to \$0.05 per kWh of energy savings from the new control system are available through the program. The program incentives are paid in two parts.

- Base Incentive – Up to \$0.05 per kWh for 5% of the total building energy usage. This incentive assumes energy savings of at least 5% of the building's total pre-installation energy usage. It is paid after the controls system installation and on-site verification by program staff.
- Bonus Incentive – Up to \$0.05 per kWh of verified energy savings exceeding 5% of total building energy usage. After 12-months post system installation, program staff will review the building energy usage over the previous 12-months versus the building energy usage prior to installation. An additional bonus incentive will be paid for additional savings exceeding the original 5% of total building energy usage.

Program Benefits

The program offers several benefits, which will include:

- Implementing controls strategies during control system installation will realize energy savings for years to come
- Program staff will work directly with your controls contractor
- Customized recommendations based on your individual facility and system type
- Improved energy code compliance
- Measures will be verified and tested after system installation
- Energy usage will be reviewed after 12-months to ensure savings are still occurring
- An initial incentive will help offset system costs, while the additional bonus incentive rewards additional savings and continuous improvement

*For more information, please call 1-888-366-8280. This program is available until fully subscribed. Rebate incentive cannot exceed 75% of the total invoice amount. Rebate amounts are subject to modifications without notice.