

2025 Application Specifications ARC Pilot

January 2025



ADVANCE ROOFTOP CONTROL (ARC) PILOT PROGRAM

This pilot program is available to:

- Public, private and charter K-12 schools, with 25% allocation to Title I schools.
- Non-profit facilities which provide emergency services and house the needy and homeless.
- A pre-application is required to confirm eligibility to confirm Pilot program participation.

ADVANCE ROOFTOP CONTROL (ARC)

Measure: Retrofit of constant air volume/constant speed compressor rooftop units (RTUs) with a variable speed drive (VSD), outside air economizer and carbon dioxide (CO₂) sensor that shall be controlled by an energy management system (EMS). To be eligible for the ARC rebate, a new VSD must be installed and all of the other components must be functional. RTUs with existing VSDs are not eligible for the ARC measure. New Construction RTUs, less than 5 tons, with all the required features are also eligible.

- The addition of outside air economizer with modulating dampers are eligible for an additional rebate.
- New energy management system (EMS) components, including network thermostats, are eligible for an additional rebate.
- EC motors are not an eligible substitute for VSDs.
- Existing RTUs with variable speed components are not eligible.
- A supply air-temperature monitoring sensor must be installed, per the manufacturer's recommendation.

OUTSIDE AIR ECONOMIZER

Measure: Retrofit constant air volume dampers with modulating dampers. New RTUs, less than 5 tons, with modulating dampers and all of the required features of the ARC rebate are also eligible.

- Control of the dampers shall include control functions of outside air economizer and carbon dioxide (CO₂) sensor.
- This rebate is not available without the new ARC components.

ENERGY MANAGEMENT SYSTEM

Measure: Control components required to implement the functional control of the RTU ARC VSD, outside air economizer/modulating dampers including the input from a carbon dioxide (CO₂) sensor.

- New components may be integrated into networked thermostats or energy management system (EMS).
- This rebate is not available without the new ARC components.

QUESTIONS

If you have program or application questions, call (866) 277-5605 or (602) 385-0900 or email aps.solutionsforbusiness@dnv.com.

ADDITIONAL RESOURCES

aps.com
energystar.gov
cee1.org
ahridirectory.org