NYSERDA
BUSINESS PARTNERS PROGRAM

CASE STUDY

Woodcock & Armani HVAC

East Syracuse, NY

Business Partners helps Woodcock & Armani optimize the Village of East Syracuse's HVAC system.

"We are thankful that we had several reoccurring problems fixed properly and much fewer service calls. Our employees are no longer complaining about temperature issues. I truly believe the life of our units has been extended by many years, and the customer service is great!"

– Janet Forest,
Building Maintenance,
Village of East Syracuse

BACKGROUND

Woodcock & Armani, a Comfort Systems USA company, recently acquired the Village of East Syracuse as a new customer. The Village representative was interested to learn how to save money on their utility bills. They also wanted to alleviate employee complaints about HVAC (temperature) issues and reduce service calls. A participant in the NYSERDA HVAC Business Partners Program, Woodcock & Armani technicians used their program training in the ANSI/ASHRAE/ACCA Quality Maintenance (QM) Standard 180 and advanced diagnostics to properly optimize the office building's rooftop air conditioning units.

RECOMMENDATIONS

Following the ANSI/ASHRAE/ACCA Quality Maintenance Standard for rooftop air conditioning units and economizers, Woodcock & Armani technicians discovered several of the units' belts were wearing prematurely. They also found several units with extremely dirty condenser coils due to lack of regular cleaning. The technicians discussed these problems with the facility representative and clearly explained how Quality Maintenance service could help prevent further cooling issues and emergency service calls.

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BENEFITS AND RESULTS

The team serviced four rooftop air conditioning units ranging in size from 6 to 25 tons. They replaced the belts, correctly aligned the pulleys, and split and chemically cleaned the condenser coils.

Once system cleaning and repairs were complete, the technicians used a diagnostic tool to confirm each of the units was correctly optimized. Estimated energy savings for these four units is 8,763 kWh or about $1,400 saved over the cooling season (at 16 cents/kWh).

"The NYSERDA incentives available to us as a Business Partner allow more opportunities to show our clients that Quality Preventive Maintenance does help their HVAC equipment to run more efficiently, thereby saving them money and extending the life of their capital investment, while reducing pollution. Go green to *save* green—for less!"

– Paul Ellis, Quality Preventative Maintenance Consultant, Woodcock & Armani

To learn how you can become a Partner in NYSERDA's HVAC Program, visit: NYSERDA.NY.GOV/HVAC

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