

All State Air Control

Mount Vernon, NY

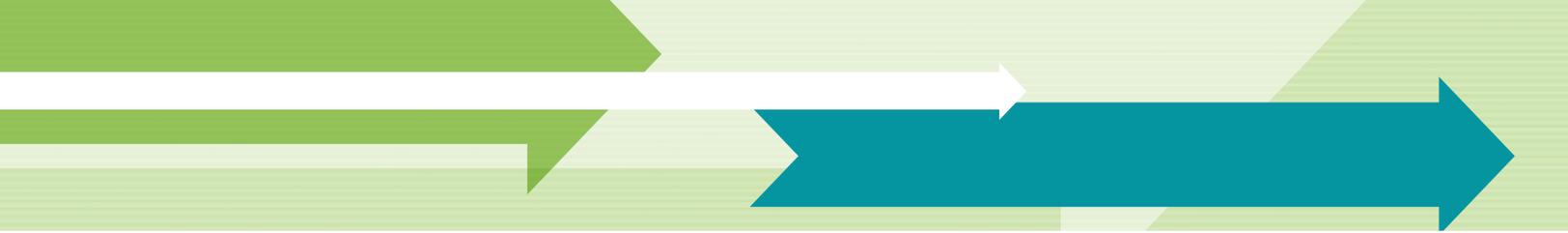
All State Air Control Aids in Optimizing HVAC System for Landauer Metropolitan Inc.

BACKGROUND

The NYSERDA HVAC Business Partners Program supports commercial HVAC contractors, such as All State Air Control, who are trained to provide quality maintenance and installation services that meet the ANSI/ASHRAE/ACCA Standard 180 for Quality Maintenance. Using digital, data-based diagnostic tools, All State Air Control's technicians optimize the efficiency of air conditioning systems and deliver the comfort, system reliability and cost management that building owners and occupants increasingly demand and deserve.

PROJECT RECOMMENDATIONS

An All State Air Control technician performed Quality Maintenance at Landauer Metropolitan Inc. in Mount Vernon, NY. After using an advanced diagnostic tool and reviewing real-time data and operational status for each rooftop HVAC unit, All State Air Control was able to bring the client's equipment back to manufacturer's operating standards. They accomplished this by repairing, replacing, cleaning or adjusting items such as air leakage, refrigerant charge, fan belt and coil surfaces. The technician said, "You need to take your time to get the Quality Maintenance tasks done right," adding that a quick cleaning on a unit won't yield the same results or client benefits. All State Air Control recommended an expanded 180 Standard maintenance on five of the customer's rooftop AC units.



RESULTS & BENEFITS

As a result of the Quality Maintenance service performed, Landauer Metropolitan Inc. has seen a reduction in electric usage of 10,000 kWh, which reduced AC system operating costs by over \$1,000 per month during the cooling season. Landauer Metropolitan Inc. was happy to see the diagnostic test-in and test-out results too, which aid in accurately tracking system performance.



“We have seen many benefits as a result of the enhancements made to our HVAC systems. All State Air Control has always been our most trustworthy and reliable contractor. We plan to share our future energy bills so that we can continue to track savings.”

– Al Bretscher,
VP of Warehouse/Inventory Control,
Landauer Metropolitan Inc.

