

## E3 ASSESSMENT LEADS TO COST SAVINGS

**ABOUT AUTOMATED MERCHANDISING SYSTEMS.** Automated Merchandising Systems, AMS, transformed the vending industry in the form of a glass front snack machine with a novel vend verification feature, “Sensit,” and ground breaking cabinet design that uses insulating foam as a structural element. The company is located in Kearneysville, WV, employing 70 people.

**THE CHALLENGE.** AMS is a company that continually looks for new ways to be innovative and optimize their production process to add value for their customers, both internal and external. Because of this, AMS was approached by the West Virginia Manufacturing Extension Partnership (WVMEP), a NIST MEP affiliate, regarding federally funded technical assessments aimed at improving efficiencies and decreasing costs.

**MEP CENTER'S ROLE.** An on-site technical assessment was conducted by the WVMEP team, and the West Virginia University Industrial Assessment Center (WVU-IAC), along with assistance from plant staff. During this time, the WVMEP team conducted a process review, which included interviews with key plant personnel, and observations on the plant floor to gain a better understanding of the operation, allowing the WVMEP team to identify improvement opportunities to increase efficiency. In parallel to this, the WVU-IAC conducted an energy assessment. The energy assessment consisted of an interview with key plant personnel, a thorough review of energy bills, and application of monitoring and measuring devices to better understand energy consumption so recommendations to reduce energy consumption could be made.

**"The WVMEP has been a huge help to AMS. Over the years, we have developed a strong relationship with the WVMEP. We have found the team to be very fair, unbiased, helpful, and a pleasure to work with. We look forward to continuing that relationship in an effort to grow AMS."**

-Greg Mason, VP of Manufacturing

## RESULTS



Approximately **75** recommendations made for process and energy improvements



Cost savings of approximately \$3,982/yr, in electricity and gas



89,000lb decrease in carbon dioxide emissions

## CONTACT US



317 Mineral Resources Building  
PO Box 6070  
Morgantown, WV 26506



(304)290-8425



[www.wvmep.com](http://www.wvmep.com)

