



## PENNSYLVANIA E2/P2 SITE ASSESSMENT CASE STUDY BETHS FLOWERS

Beth's Flowers is a family owned and operated full service florist serving all of Girard and the surrounding communities located northwest of Erie, Pennsylvania. They are committed to offering only the finest floral arrangements and gifts, backed by service that is friendly and prompt.



PennTAP visited the facility on two occasions to conduct an energy efficiency assessment with a focus on the option of replacing their existing flower coolers with a more energy efficient walk-in unit. PennTAP performed substantial research, data review, calculations, and analysis, the results of which were presented in an energy efficiency assessment report. This report served as a basis for an application for financial assistance under the PADEP Small Business Advantage Grant.

The analysis determined that by replacing the two existing floral coolers with a WD - SRC Series IV Floral Walk - In Display Cooler with overall dimensions of 6x6x8 will result in an increase in cooling capacity from 85 cu.ft. to 288 cu.ft. while receiving a normalized savings of 69% or 47,774 kWh/yr and \$4,777/yr.



PennTAP also provided assistance completing the applications for the PADEP Small Business Advantage Grant. The grant will subsidize the cost of the purchase and installation of the new cooler by an amount equal to approximately \$3,500.

The client commented: "PennTAP has helped us realize the need to expand our business and provide savings so that we may compete more effectually in our community and provide better quality of our product. We at Beth's Flowers are also committed to saving energy and the cost decrease it would provide.....They really held my hand in getting everything done and their attitude was the best!"

*Nancy Briody, Beth's Flowers, 311 Main Street West, Girard, PA, 16417; 814-774-2905; [bethsflowers@verizon.net](mailto:bethsflowers@verizon.net)*

*Roger L. Price, P.E., CP EnMS-Industrial, Senior Technical Specialist, PennTAP, Penn State University; 412-889-5821; [rogerprice@psu.edu](mailto:rogerprice@psu.edu)*

