



# University ESCO Multi - Building

HVAC Efficiency Renovations

Contract Value: \$1.1 Million

**Project Description:** S. P. McCarl & Company, Inc. installed all of the new HVAC systems for multiple facilities on campus which included five different buildings.



The heating systems were completed during the summer when the campus did not require heating. Even though the construction started in mid-summer all the new heating systems had to be operational before the start of heating season.

The scope of work included the installation of many new HVAC systems including HVAC equipment, such as nine gas-fired hot water boilers, two air separators, four chemical feeders, four pumps, and four air handling units. Our scope included both HVAC piping and sheet metal trades, with the vast majority of the work being piping.



**Technical Challenge:** As mentioned above, the project included work in multiple locations on campus which required close monitoring and coordination by our Project Manager. Much of this work was done in very tight conditions, making it difficult to work with multiple trades in confined areas.

The coordination and scheduling of our work was extremely challenging in that each of the buildings being upgraded were not able to be taken off-line until after the heating season. Due to these conflicting circumstances, the heating system work had to be planned, started, completed, and commissioned under the very brief schedule of only five months.