

# Case Study

## US Army Reserve Center

<b>Zone Types:</b>	Multiple Zones with Circulators and VFD Drives
<b>Project Installation Date:</b>	2011
<b>Location:</b>	Morgantown, WV
<b>Type of Facility:</b>	Civil/Military
<b>Age of Facility:</b>	30 years old at time of installation
<b>Building Size:</b>	150,000 square feet
<b>Building Load, Heat Loss:</b>	6 million BTU/hr.
<b>Solution:</b>	Nine (9) Weil-McLain® SlimFit® 750 boilers, BACnet® control panel
<b>Application Type:</b>	Water

### Installation Details:

This US Army Reserve Center was renovated around LEED design and commissioned to meet new high efficiency energy standards. The primary focus of this boiler design was to receive the benefits of stage firing, stand-by security and cost savings due to energy conservation from multiple boiler design. Removed from the mechanical room were two Smith Mills cast iron water boilers that were over 40 years old. A total of nine Weil-McLain SlimFit 750 condensing boilers were installed at this Army Reserve Center. This design was made possible by Sales Engineer Joe Cordery from Ferguson Hydronics in Beltsville, MD.



US Army Reserve Center in Morgantown, WV



Nine SlimFit 750 boilers installed in the USARC boiler room

