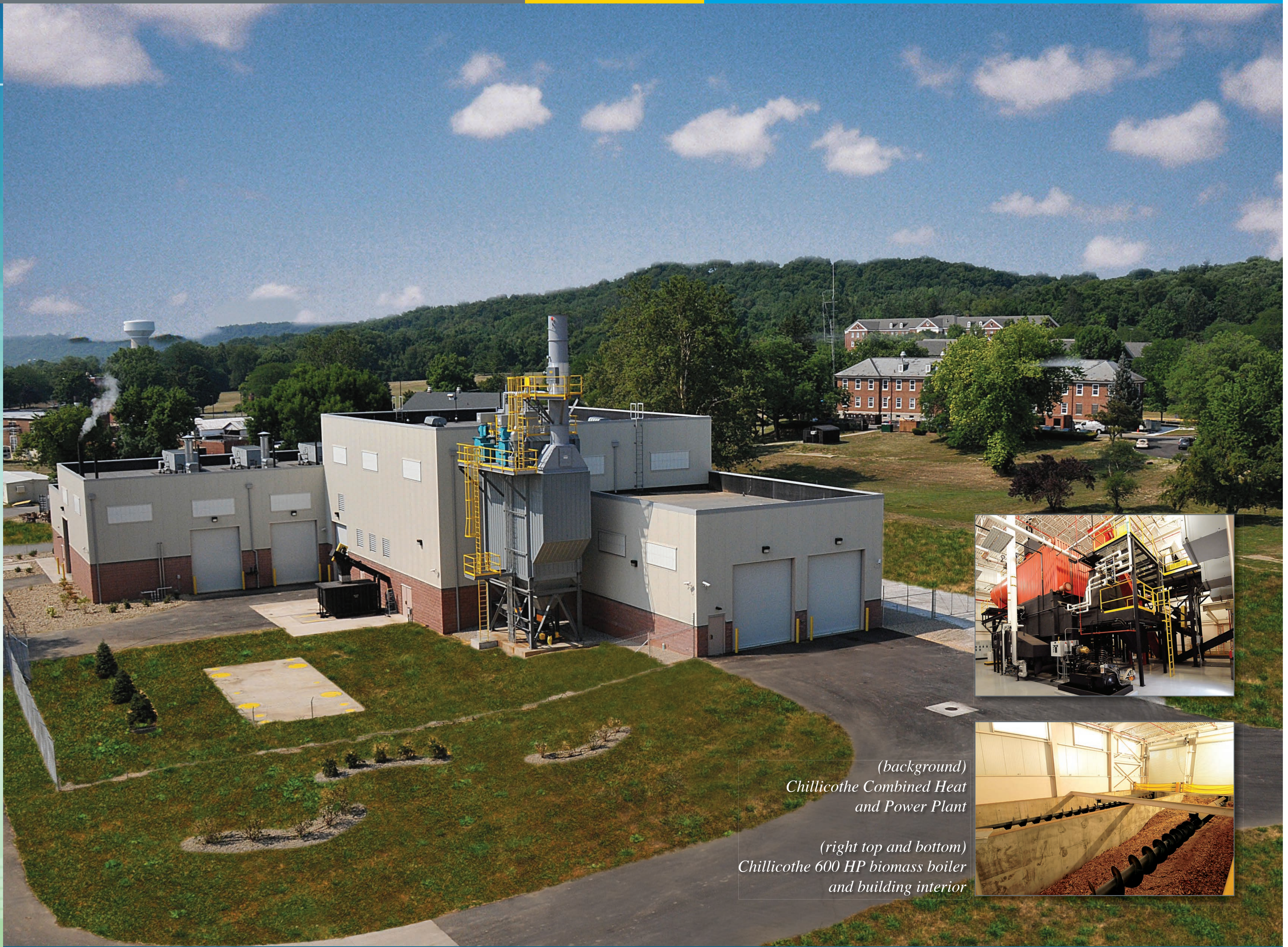


Federal Energy and Water Management AWARDS 2013



(background)
Chillicothe Combined Heat
and Power Plant

(right top and bottom)
Chillicothe 600 HP biomass boiler
and building interior



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In May 2012 the Chillicothe VA Medical Center put into service the Department of Veterans Affairs' (VA) first operational biomass boiler plant, which saved 10 billion Btu of natural gas and more than \$170,000 during the remainder of FY 2012 as compared to FY 2011. The innovative system provides most of the campus facility steam needs while also generating on-site electrical power. It produced 576,000 kilowatt-hours from the 400-kilowatt turbine in FY 2012. Project savings are expected to increase in FY 2013 as the facility operations staff maintains the state-of-the-art plant as the primary steam source for the

campus. The plant was funded in part by the American Reinvestment and Recovery Act and replaced an aging, inefficient boiler plant and steam distribution system.

This project was completed as part of a 40-year long-term campus plan to implement sustainable and cost effective practices. Cost savings will be re-purposed for Veteran care and provide back-up for campus heating needs to maintain the emergency response and preparedness for the VA and the region.