



Owner: Cooley Dickinson Hospital
Location: Northampton, Massachusetts
Project: Renewable Energy Biomass System

Healthcare organizations today are facing increased pressures to reduce operating costs and improve energy efficiencies.

Administrators at the Cooley Dickinson Hospital in Northampton, Massachusetts, selected AFS Energy Systems to design and implement a cost-effective Renewable Energy Biomass System that provides steam, hot water, heating, and air conditioning throughout the 350-bed facility.

AFS Energy fabricated and installed a custom 600 horsepower wood-fired boiler system that produced immediate results for the hospital, which recouped its initial investment in just a few years. AFS also instituted cost control measures to lessen the impact of ever-rising energy costs and continues to provide timely follow-up service to the hospital.

“Cooley Dickinson Hospital needed a Biomass Energy System that would generate reliable steam to provide heat, air conditioning, sterilization and hot water to the Hospital while reducing the organization’s fuel costs. AFS Energy Systems met all of our criteria that ranged from custom designing the system to installation and ongoing support. The system is extremely reliable and, most important, Cooley Dickinson Hospital’s return on investment continues to be lucrative. AFS promised a lot — and they delivered!”

Norm Welch
Director of Facilities
Cooley Dickinson Hospital
Northampton, MA

The AFS Advantage:

- Measurable return on investment
- 20 years in business with 100+ combined years of biomass engineering experience
- Quality and service: Best components; best manufacturing
- Green zero net-carbon footprint
- Turnkey solutions: AFS is a total energy solution provider
- 24/7, 365-day online and onsite support services

AFS
energy systems
AFSEnergy.com

HEADQUARTERS:
418 Oak Street | P.O. Box 170
Lemoyne, PA 17043-0170
T: (717) 763-0286 | F: (717) 763-1066
info@AFSEnergy.com



The AFS Advantage:

AFS Energy Systems is a leader in renewable energy biomass systems. Based near Harrisburg, PA, AFS Energy provides turnkey design/build energy solutions for businesses across North America. Unparalleled experience and a long list of satisfied clients are the result of twenty years of success combined with a passion for quality and service.

AFS Product Lines:

Wood-Fired Boilers

AFS designs, manufactures, installs, and supports state-of-the-art renewable energy biomass systems.

Material Handling Systems

AFS manufactures reliable material handling systems, which are essential to any combustion or dust collection system.

Fuel Storage Systems

AFS provides an array of fuel storage systems including storage silos, fuel bunkers, self-unloading trailers, and day bins.

Dust Collection Systems

A custom-designed AFS dust collection system ensures minimal energy consumption and maximum performance.

Boiler Retrofits

AFS will review your existing combustion system and provide an accurate analysis and economical solution for modernization.

Process Piping Solutions

AFS designs, fabricates, and installs process piping to suit any system equipment.

Metal Fabrication Services

Advanced Fabrication Services, Inc. (AFS) is a premier full-service metal fabrication company. AFS Fabrication has a long history of providing top quality, on-time fabrication solutions for clients throughout the United States and Canada.

Engineering Services

AFS provides professional engineering services to exceed your sustainability and energy goals.

The AFS team invites you to call (717) 763-0286, visit us online at AFSEnergy.com, or schedule a facility tour.

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