

Conversion Of Wood To Energy: Seven Case Studies

The Northeast Regional Biomass Program recognized the absence of objective data which measures the performance of wood chip direct combustion and gasification systems in schools, other public facilities, and various institutions. This report summarizes the testing of seven wood energy systems throughout the Northeast and reviews the operating procedures at each site. The purpose of the testing was to determine if actual performance of the wood energy system met the design specifications. The seven facilities cited are located in five Northeastern states. Three public schools, a college building, an abbey, a prison, and a housing development. Four of the facilities converted from electricity to wood for their space heating load; three converted from oil to wood.