

Integrated Economic and Technical Analysis of Sustainable Biomass Energy Systems

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This research aims to determine how Indiana and the Midwest can contribute to the goal of 25% of our energy from renewable sources by 2025 and to examine how the biomass production and conversion would affect the economy, environment, and ecosystem of the region. In particular, this research will study the economic and environmental consequences of alternative feasible ways that can be followed to achieve the nation's goals for producing energy from biomass. This research will determine actions that could be taken by public agencies to support the goals. In addition, it will introduce policies which should be implemented to encourage economic agents to achieve the goals in an environmentally sustainable way.