

Kentucky Clean Fuels Coalition

Update on Biomass Development

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Intelligent Energy Choices for Kentucky's Future

Kentucky's 7-Point Strategy
for Energy Independence

www.energy.ky.gov





The Strategy in a Nutshell

Stimulate economic development & preserve energy cost relationships for Kentuckians in a carbon-limited environment.



Strategy 2

Goal: By 2025, Kentucky's renewable energy generation will triple to provide the equivalent of 1,000 megawatts of clean energy while continuing to produce safe, abundant, and affordable food, feed and fiber.



Strategy 3

Goal: By 2025, Kentucky will derive from biofuels 12 percent of its motor fuels demand (775 million gallons/year, which represents approximately 20 percent of Kentucky's current transportation fuels demand), while continuing to produce safe, abundant, and affordable food, feed and fiber.



Strategy 6

Goal: By 2025, Kentucky will have evaluated and deployed technologies for carbon management, with use in 50 percent of our coal-based energy applications.



Biomass Task Force: Laying the Foundation

- Establish “official” supply-demand potential
- Develop a vision on how such large volumes will be handled
- Assess Kentucky’s ability to support the biotechnology
- Ensure that Kentucky can make the right business structures available
- Estimate the economic impact and capitalization requirements of a biomass industry
- Recommend a realistic incentive package that will encourage farmers to plant, foresters to harvest, and developers to build.



Kentucky's Biomass Future

RPS	
15%	13.0 million tons
20%	18.2
25%	22.0
RFS	10.0
Total Biomass	23-32 million tons
Value to Producers	\$1.3-\$2.0 Billion



A \$1 Billion Initiative!

