Energy From Agriculture:
New Technologies, Innovative Programs & Success Stories

December 14-15, 2005
St. Louis, Missouri
2002 FARM BILL
TITLE IX: ENERGY

Funded Authorities:

• Sec. 9002: Biobased products.
• Sec. 9004. Biodiesel fuel education program.
• Sec. 9006. Renewable energy & energy efficiency.
• Sec. 9008. Biomass R&D.
• Sec. 9010. Bioenergy Program.

• Unfunded: Sec. 9003, Sec. 9005, Sec. 9007, Sec. 9009.
Establishes Government-Wide Preference for Biobased Products

USDA Has Developed Procurement Model: Identify Functional Areas & Certified Biobased Products

Develop Leadership Structures, Outreach, and Recognition Strategies

Pilot Program in USDA Cafeterias Launched July ’05
SECTION 9006
FY ’03-05

- Biomass: 119 Projects
- Wind: 121 Projects
- Solar: 17 Projects
- Geothermal: 4 Projects
- Hybrid: 9 Projects

USDA Grant Funds: $61.8 million.
Leveraged Funds: $833.7 million

Plus: 2 Loan Guarantees (Biomass) $10.1 Million USDA Funding
$13.1 Million Leveraged

Plus: 165 Energy Efficiency Improvements: $4.9 Million USDA Funds
SECTION 9008
BIOMASS RESEARCH AND DEVELOPMENT

• USDA Natural Resources & Environment/DOE Joint Initiative

• Grants for Research, Development, & Demonstration of Biomass Products, Bioenergy, Biofuels, Biopower

• E.g.: Anaerobic Digesters, Biorefineries, Biomass Focused Forest Management, Innovative Use of Feedstocks
BIOFUELS

• CCC Bioenergy Program (Sec. 9010)
  Incentivizes Ethanol & Biodiesel Producers to Increase Production

• Biodiesel Education Initiative (Sec. 9004)
  Grant Program; $1 Million/year for Public Education
  Target Private and Government Fleet Owners
BUSINESS MODEL/PRICING