

Energy Title (2008 Farm Bill) , Section 9003 Biorefinery Assistance Program

- Pilot/Demonstration-scale projects
- Mandatory Funding:
 - FY 2009 - \$75 Million
 - FY 2010 - \$245 Million available until expended
- Grants – up to 50% of project costs

Biorefinery Assistance Program (Sec. 9003)

<u>Amount of Loan (as function of project cost)</u>	<u>Percent of Guarantee</u>
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Equal to or less than \$80 million

80%

Greater than \$80 million but less than \$125 million

80% on 1st \$ 80 million
70% on amounts >\$80 MM

Equal to or greater than \$125 million up to & including
\$250 million

60%

Percentage of total project cost

cannot exceed 80%



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Biorefinery Assistance Program (Sec. 9003)

Fees

Percentage

Guarantee Fee

- * 2%-guarantee greater than 75% of project cost
- * 1.5%-guarantee greater than the 65% but less than 75% of project costs
- * 1%-guarantee less than or equal to 65% of project cost

Annual Fee

- * 1.0%-guarantee greater than 75% of project costs
- * 0.75%-guarantee greater than 65% but less than or equal to 75% of project costs
- * 0.50%-guarantee for 65% or less of project costs



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Energy Title (2008 Farm Bill) , Section 9004 Repowering Assistance Program

- Funding to biorefineries (*in existence when Farm Bill was passed*) for replacing fossil fuels (used to produce heat or power *for biorefinery*) with renewable biomass
- Provides \$35 million for FY 2009 that will remain available until the funds are exhausted
- Authorizes additional funding of \$15 million per year, from FY 2009 through 2012
- Notice of Solicitation of Applications (NOSA) published June 12, 2009
- Only \$20 million of \$35 million is available for FY 2009



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Energy Title (2008 Farm Bill) Section 9005

Bioenergy Program for Advanced Biofuels

- Payments to eligible producers to support and ensure expanded production of advanced biofuels
- Existing production vs. new production
- Mandatory Funding:
 - \$55,000,000 FY 2009
 - \$55,000,000 FY 2010
 - \$85,000,000 FY 2011
 - \$105,000,000 FY 2012
- Discretionary Funding of up to \$25 million each FY 2009-2012
- Notice of Contract Proposals (NOCP) published June 12, 2009



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Energy Title (2008 Farm Bill) Section 9007 Rural Energy for American Program (REAP)

formerly *Renewable Energy Systems and Energy Efficiency Improvements Program* (Sec. 9006)

- Grant and loan guarantee program to assist agriculture producers and rural small businesses purchasing renewable energy systems and making energy efficiency improvements
- Grant program for energy audits, technical assistance and feasibility studies



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Rural Energy for American Program (Sec. 9007)

- *Loan guarantee caps: \$25 million; 75% of project costs*
- **Mandatory Funding:**
 - *FY 09 - \$55 Million*
 - *FY 10 - \$60 Million*
 - *FY 11 - \$70 Million*
 - *FY 12 - \$70 Million*
- Discretionary funding of up to \$25 million each fiscal year (2009 – 2012)
- Notice of Solicitation of Applications published May 26, 2009



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Farm Bill-Title IX
Section 9006 Funding Activity FY 2003 thru 2008
Renewable Energy/Energy Efficiency

<u>Technology</u>	<u>No.</u>	<u>Loans, Grants & Combos Amount</u>	<u>Leveraged</u>
Biomass	271	\$65,188,772	\$321,322,470
Wind	245	48,008,511	582,427,329
Solar	108	4,683,405	11,207,057
Geothermal	52	1,969,517	4,576,639
<u>Hybrid</u>	18	2,620,736	85,968,197
Subtotal	694	\$122,470,941	\$1,005,501,692
Energy Efficiency	1,329	\$34,456,722	\$76,743,867
Subtotal	2,023	\$156,927,663	\$1,082,245,559
Guaranteed Loans	153	\$91,529,855	\$181,321,296
Grand Total	2,176	\$248,457,518	\$1,263,566,855



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