



2ND Annual California Biomass

Collaborative Forum

Sacramento, CA

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William F. Hagy III

Deputy Administrator, Business Programs

USDA Rural Development



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of rural communities.

Renewable Energy

- *President's National Energy Policy*
- *FY 2002 Farm Bill – Title IX*
- *Other USDA Programs*



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Farm Bill - Energy Title
Section 9001 - Definitions

Renewable Energy :

Biomass

Geothermal

Hydrogen

Solar

Wind





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Farm Bill - Energy Title

Section 9003 - Biorefinery Development Grants

- Purpose: Develop new and emerging technologies for the use of biomass.*
- Eligible Recipients: Individuals, corporations, farm cooperatives, associations, national laboratories, institutions of higher education, State/local energy agencies/offices, Indian Tribes, or consortiums comprised of any of/or the above.*





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Farm Bill - Energy Title

Section 9003 - Biorefinery Development Grants (continuation)

- *Cost-sharing 70% of Costs*
- *Budget outlook: Discretionary Funding*





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Farm Bill - Energy Title

Section 9006 – Renewable Energy Systems and Energy Efficiency Improvements Program

- Establishes a grant, loan, and loan guarantee program to assist eligible farmers, ranchers, and rural small businesses in purchasing renewable energy systems and for making energy efficiency improvements.*



General Provisions

- *Grant amount not to exceed 25% of activity funded.*
- *Combined loan/grant not to exceed 50% of cost of activity funded.*



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Partnering for America's Future

USDA:

Rural Development

Farm Services Agency

Natural Resource and Conservation Service

Forest Service

Department of Energy

Environmental Protection Agency





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USDA/DOE/NREL/EPP Interagency Agreements

Support of USDA's Implementation of Section 9006

Provide Technical Assistance for :

Program Awards

Regulation Development

Outreach

Evaluation of Program Activities



Section 9006 Funding Activity FY 03 and 04

Renewable Energy - Number and Dollar Amounts Awarded:

<i>Biomass</i>	<i>97</i>	<i>\$24,100,000</i>
<i>Wind</i>	<i>73</i>	<i>\$15,300,000</i>
<i>Solar</i>	<i>8</i>	<i>\$760,000</i>
<i>Geothermal</i>	<i>2</i>	<i>\$290,000</i>
<i>Hybrid</i>	<i>4</i>	<i>\$750,000</i>
<i>Totals</i>	<u><i>184</i></u>	<u><i>\$41,200,000</i></u>

Energy Efficiency Improvements: 97 - \$3,300,000

Section 9006 – FY 05 Funding

- *\$22.8 Million of Discretionary Funds*
- *Notice of Funding Availability (Grant Only)*
- *Final Rule*



Farm Bill - Energy Title



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Section 9008

- *Purpose: Support of research, development and demonstration on biobased products, bioenergy, biofuels, and biopower*

- *Eligible Recipients:*

Institutions of Higher Learning; National Laboratory; Federal Research Agency; State Research Agency; Private Sector Entities and Nonprofit Organizations or a consortium of two or more of entities described above





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Farm Bill - Energy Title

Section 9008 – (Continuation)

Cost Sharing: Minimum of 20% Non-Federal

*Budget Outlook: Discretionary Funding –
14 Million – Joint Solicitation between
USDA and DOE.*





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Value-Added Agricultural Products Market Development Grants

- *Purpose: To assist with marketing of value-added products.*
- *Eligible Recipients: Independent producers, agricultural produce group, farmer or rancher cooperative, or majority controlled producer-based business venture.*





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Value-Added Agricultural Products Market Development Grants (Continued)

- Funding Level: \$15.5 Million Discretionary Funding for FY 05.*
- Funding Limitation: Maximum of \$500,000; Smaller Grant are given priority points*





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Business Programs

- *Commercial Lending*
- *Revolving Loan Funds
and Technical Assistance*





Definition of Rural Area



B&I, RBEG, RBOG

Any area other than a city or town that has a population of greater than 50,000 inhabitants and the urbanized area contiguous and adjacent to such city or town.

IRP

All Territory of a State that is not within the outer boundary of any city having a population of 25,000 or more, according to the latest decennial census.

REDLG

Any area not included within boundaries of any urban area as defined by the Bureau of the Census.

Rural Business Opportunity Grants (RBOG)

- *Eligibility: Public bodies, non-profits, Indian Tribes, and cooperatives*
- *Purposes: Technical assistance for business development and economic development planning.*



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Rural Business Enterprise Grants (RBEGrants)

- *Eligibility: Public bodies, private non-profits, and Indian Tribes.*
- *Purposes: Establish revolving loan programs, technical assistance, working capital loans, equipment, real estate, and refinancing.*



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Rural Economic Development Loans & Grants (REDLG)

- *Eligibility: RUS electric and telephone borrowers (not delinquent on any Federal debt or in bankruptcy proceeding) and certain electric utilities that have prepaid.*
- *Purposes: Revolving loan programs, community development, technical assistance, construction, capital improvements, purchase of machinery and equipment, and working capital.*



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Commercial Lending Programs

- *B&I Guaranteed*

Business and Industry Guaranteed Loan Program

- *Eligibility: Individuals; corporations, cooperatives, partnerships, and other legal entities, public and private, organized and operated on a profit or nonprofit basis; and Federally recognized Indian tribal groups.*
- *Purposes: Loan proceeds may be used for working capital, machinery and equipment, buildings and real estate, and certain types of debt refinancing. The primary purpose is to create and maintain employment and improve the economic climate in rural communities.*



RBS Programs

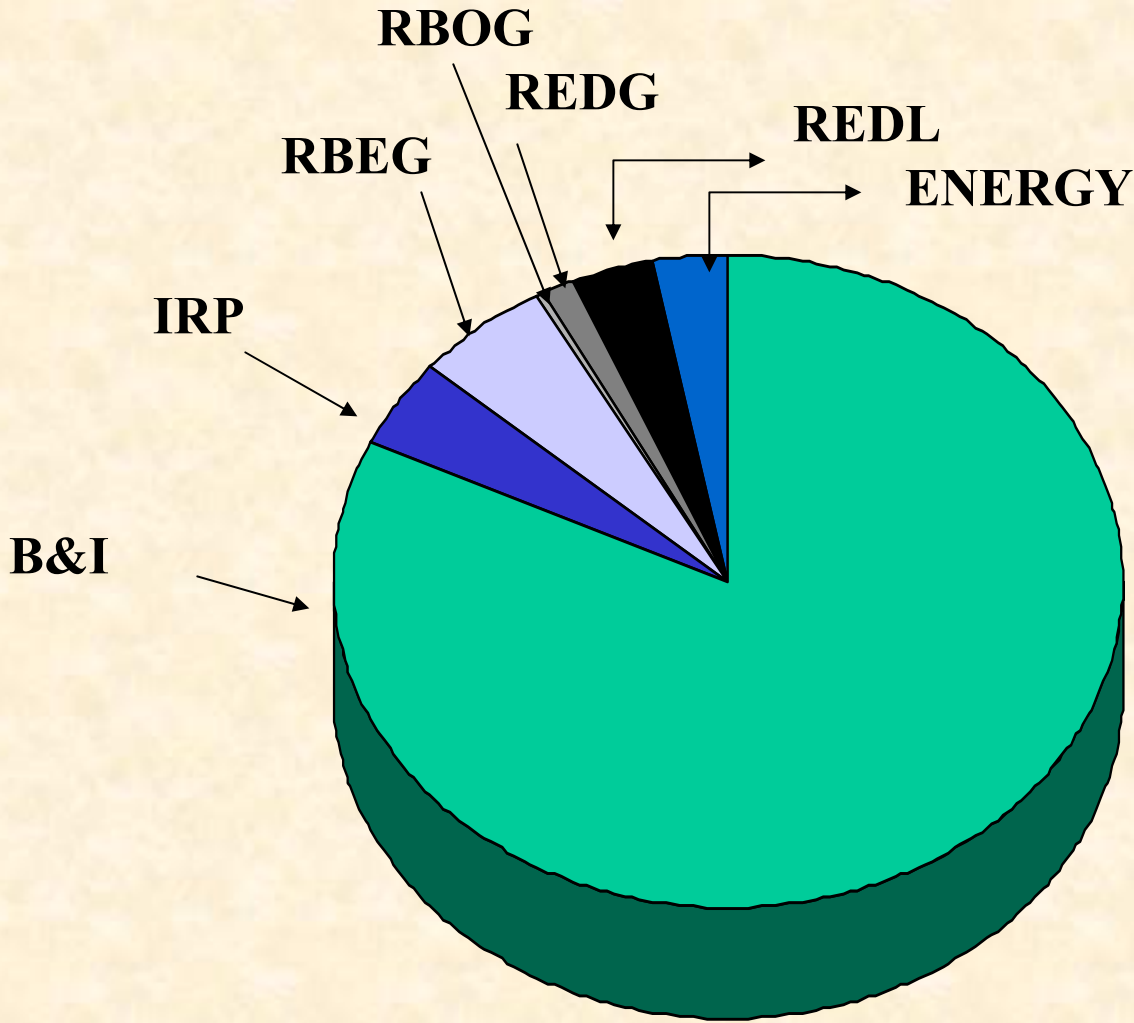
Renewable Energy Activity FY 01, 02 , 03 and 04








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Number and Dollar Amounts Awarded:

<i>Business and Industry Loan Guaranteed (B&I)</i>	<i>11</i>	<i>\$89.7M</i>
<i>Rural Business Enterprise Grant (RBE G)</i>	<i>18</i>	<i>1.1M</i>
<i>Rural Business Opportunity Grant (RBOG)</i>	<i>4</i>	<i>0.185M</i>
<i>Rural Economic Development</i>		
<i>Loan and Grant (REDLG)</i>	<i>5</i>	<i>2.25M</i>
<i>Value Added Producer Grants (VAPG)</i>	<i>77</i>	<i>15.87M</i>
<i>Section 9006 Energy</i>	<i><u>209</u></i>	<i><u>42.7M</u></i>
<i>Totals</i>	<i>324</i>	<i>\$151.871M</i>





	B&I Guaranteed	\$609,688,895
	IRP	33,939,318
	RBEG	39,827,898
	RBOG	\$3,032,040
	REDG	\$10,000,000
	REDL	\$24,802,639
	Energy	\$22,816,000

**Fiscal Year 2005 Budget
Business Programs Funding**

Program Delivery

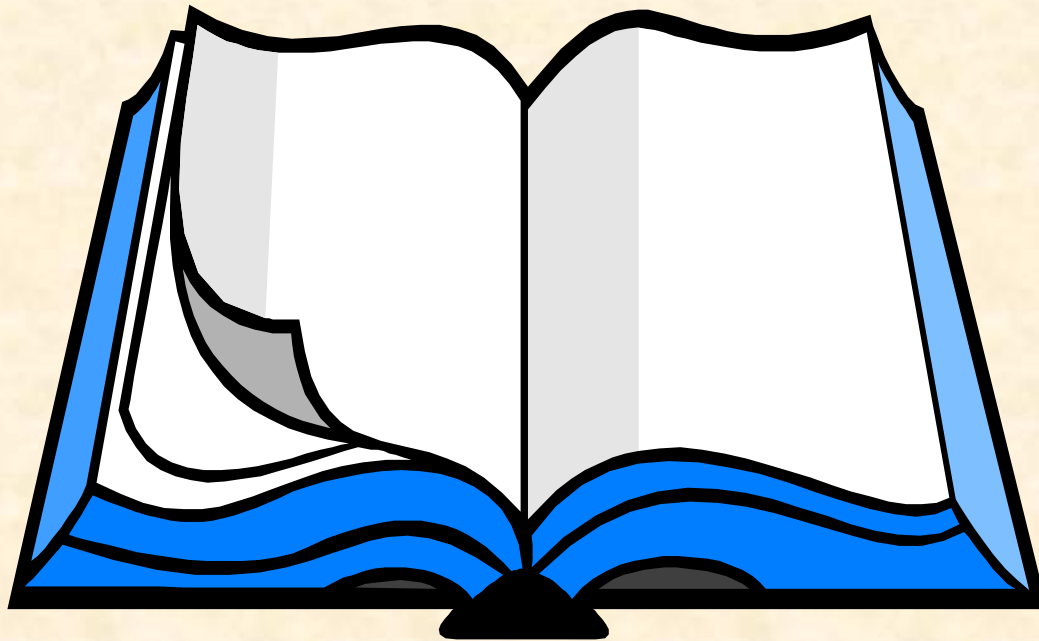


- *National Office*
- *State Office*
- *Area / Local Offices*



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How to Learn More About Business Programs



State Office, or

www.rurdev.usda.gov/rbs/busp/bpdir.htm



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THE END