

Federal Assistance for Woody Biomass Utilization

Sponsor Agency	Program Name	Description	Eligibility	End date	FY2011 Budget Request (or FY2010 approp)	Weblink
USDA	Woody Biomass Utilization Grants, Forest Service	Grants to assist communities, entrepreneurs and others turn residues from forest restoration activities into marketable forest products and/or energy products.	private, public, government	Pre-app. deadline usually in November.		http://www.fpl.fs.fed.us/research/units/tmu/tmugrants.shtml
USDA	Biobased Market Program, 2008 Farm Bill, Sec. 9002	provides provisions for a federal procurement program and voluntary labeling program for biobased products; grants to 30% of costs	commercial	FY2012	\$2M	http://www.usda.gov/documents/FB08_Pub_Mtg_Renew_Energy_Factsheet.pdf
USDA	Biorefinery Assistance, 2008 Farm Bill, Sec. 9003	loan guarantees for construction and retrofitting of commercial-scale biorefineries for production of advanced biofuels; loans limited to \$250M or 80% of cost	commercial	FY2012	\$150M	http://www.usda.gov/documents/FB08_Pub_Mtg_Renew_Energy_Factsheet.pdf
USDA	Repowering Assistance, 2008 Farm Bill, Sec. 9004	payments to biorefineries in existence in June 2008 to convert from fossil fuel to renewable biomass to heat or power the refinery; subsidy	commercial	FY2012	\$15M	http://www.usda.gov/documents/FB08_Pub_Mtg_Renew_Energy_Factsheet.pdf
USDA	Renewable Energy Systems and Energy Efficiency Improvements Program	grants and loans for purchase of renewable energy systems or energy efficiency improvements for small business where at least 50% of gross income is from agriculture/forestry operations.	private	Contact State Rural Development Office.		http://www.federalgrantswire.com/renewable_energy_systems_and_energy_efficiency_improvements_program.html
USDA	Rural Economic Development Loans and Grants (REDLG)	0% interest loans for community infrastructure, business expansion, incl. funding for feasibility studies, start-up costs, incubator projects, etc.	Private or public organization	Due Quarterly: Jan, April, July, October.		http://www.rurdev.usda.gov/ga/tredleg.htm
USDA	Rural Development Community Facilities Loans and Grants	grants and loans to construct, enlarge, or purchase equipment for improvement of community facilities for health care, public safety, and public	Rural communities with pop. < 20,000.	Contact state USDA Rural Development		http://www.rurdev.usda.gov/rhs/cf/cp.htm
USDA	Bioenergy Program for Advanced Biofuels, 2008 Farm Bill, Sec. 9005	payments to ag producers to expand production of advanced biofuels; subsidy	commercial	FY2012	\$85M	http://www.rurdev.usda.gov/rbs/busp/9005Biofuels.htm
USDA	Biodiesel fuel education program, 2008 Farm Bill, Sec. 9006	competitive grants to educate entities operating vehicle fleets and the public; subsidy, equitable distribution, limit of 5% to 150 Mgal+ producers	education	FY2012	\$1M	http://www.csrees.usda.gov/funding/rfas/biodiesel_education.html
USDA	Rural Energy for America Program (REAP), 2008 Farm Bill, Sec. 9007	grants and loans to public entities to provide energy audits, efficiency improvements, renewable energy systems (hydro included); grants to 25% of cost, grants + loans to 75% of cost, 20% reserved for grants of \$20K or less	public, private, government	FY2012	\$70M	http://www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=US05F&re=1&ee=1
USDA	Biomass R&D, 2008 Farm Bill, Sec. 9008	competitive grants for biofuels and biobased products, cost share required	R&D	FY2012	\$30M	http://www.usbiomassboard.gov/initiative/annual_solicitation.html
USDA	NIFA Agriculture and Food Research Initiative: Sustainable Bioenergy	grants for research, education and/or extension projects that assist in establishing regional systems for sustainable production of bioenergy and bio-based products.	research			http://nifa.usda.gov/funding/rfas/afri_rfa.html
USDA	Fund for Rural America Research, Education, and Extension Activities	grants for research, technology transfer, education, and extension projects to aid farmers, ranchers, and rural communities affected by fundamental reforms to Federal farm programs	research			http://www.federalgrantswire.com/fund_for_rural_americanresearch_education_and_extension_activities.html

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USDA	Forestry Research, Forest Service	grants for research activities of the Forest Service by awarding grants to those engaged in renewable resources research.	Organization, institutions, and local governments			http://www.federalgrantswire.com/forestry_research.html
USDA	Rural Energy Self-sufficiency Initiative, 2008 Farm Bill, Sec. 9009	competitive grants to rural communities to assess ideas and increase energy self-sufficiency and renewables	public	FY2012	\$5M	http://attra.ncat.org/guide/n_z/ressi.html
USDA	Biomass Crop Assistance Program (BCAP), 2008 Farm Bill, Sec. 9011, to be implemented by Farm Service Agency	payments to establish, produce and deliver biomass to conversion facilities	commercial and public	FY2012	\$479M	http://www.fsa.usda.gov/FSA/webapp?area=home&subject=ener&topic=bcap
USDA	Forest Biomass for Energy, 2008 Farm Bill, Sec. 9012, implemented by Forest Service	competitive grants for R&D on using forest biomass for energy	R&D, state and local govt, Indian tribes, land-grant college and universities, private entities	FY2012	\$15M	http://www.usda.gov/documents/FB08_Pub_Mtg_Renew_Energy_Factsheet.pdf
USDA	Community Wood, 2008 Farm Bill, Sec. 9013	competitive grants to develop community wood energy plans or upgrade systems for public buildings	state and local govt	FY2012	\$5M	http://www.usda.gov/documents/FB08_Pub_Mtg_Renew_Energy_Factsheet.pdf
USDA	Ethanol blender tax credit	tax credit of \$0.45/gal for ethanol blended	commercial	12/31/2010		http://www.ers.usda.gov/FarmBill/2008/Titles/titleXVTradeTax.htm#energy
USDA	Cellulosic ethanol tax credit	tax credit of \$1.01/gal for cellulosic ethanol produced	commercial	12/31/2012		http://www.ers.usda.gov/FarmBill/2008/Titles/titleXVTradeTax.htm#energy
USDA	Alcohol not ethanol tax credit	tax credit of \$0.60/gal of alcohol produced	commercial	12/31/2010		http://www.ers.usda.gov/FarmBill/2008/Titles/titleXVTradeTax.htm#energy
USDA	Renewable diesel tax credit	tax credit of \$1.00/gal for renewable diesel produced	commercial	12/31/2009?		http://www.ers.usda.gov/FarmBill/2008/Titles/titleXVTradeTax.htm#energy
USDA	Gas from biomass tax credit	tax credit of \$0.50/gal compressed or liquified gas produced from biomass	commercial	12/31/2009?		http://www.ers.usda.gov/FarmBill/2008/Titles/titleXVTradeTax.htm#energy
USDA	Business & Industry Guarantee Loan	loans including for biomass fuel or biogas projects	commercial	FY2012?; liquified H2 9/30/2014		http://www.rurdev.usda.gov/rbs/busp/b&i_gar.htm
USDA	Small Business Innovation Research Program	grants for renewable energy including biofuels	small business	FY2012, current opportunity closes 9/2/2010	\$21.9M	http://www.csrees.usda.gov/fo/sbir.cfm
USDA	Rural Business Enterprise Grant	grants to public entities including for renovation of buildings, rural and small preferred	govt and non profit	FY2012		http://www.rurdev.usda.gov/rbs/busp/rbeg.htm
USDA	Rural Business Opportunity Grant	grants to make rural communities self sustaining; grants up \$250K, about 30 awards	govt and non profit	FY2012, current opportunity closed 6/28/2010	\$2.48M	http://www.rurdev.usda.gov/ga/trbog.htm
USDA	Value added Producer Grants	grants for developing strategies and business plans to further refine or enhance products.	Value-added Agricultural producers	Contact State Rural Development Office		http://www.federalgrantswire.com/valueadded_producer_grants.html

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USDA	Conservation Innovation Grant, NRCS	grants to stimulate development and adoption of innovative conservation approaches/technos that maintain atmospheric resources through agric and forestry.	private, government			http://www.nrcs.usda.gov/programs/cig/
Treasury	Clean Renewable Energy Bonds (CREBs), Sec. 54, NEW CREBs, Sec. 54C	ability to issue bonds with tax credit in lieu of interest	govt and non profit	FY2012, not currently accepting applications	\$2.2B in bonds done, none in MT	https://www.treasurydirect.gov/GA-SL/SLGS/selectCREBDate.htm
Treasury	Quality Energy Conservation Bonds (QECBs), Sec. 54D	ability to issue bonds with tax credit in lieu of interest, includes energy efficiency in public buildings	govt	FY2012	\$3.2B, \$10M to MT	http://www.prometheus.org/system/files/Qualified+Energy+Conservation+Bonds.pdf
Treasury	Tax exempt bonds, Secs. 103, 141, 142	bonds for gov't-owned electricity generation, transmission, distribution and certain private facilities	govt and private	FY2012		http://apps3.irs.gov/taxexemptbond/article/0,,id=134368,00.html
Treasury	Investment Tax Credit (ITC), Sec. 48	tax credit for renewable energy systems placed in service	commercial	12/31/2016	hint: see bottom of website for links	http://www.irs.gov/newsroom/article/0,,id=206869,00.html
Treasury	Production Tax Credit (PTC), Sec. 45	tax credit for up to 2.1 cents/kWhr for renewable electricy for up to 10 years	commercial	12/31/2013, 12/31/2012 for wind		http://www.irs.gov/newsroom/article/0,,id=206869,00.html
Treasury	CO2 Sequestration Credit, Sec. 45Q	tax credit for up to \$20/metric ton of sequestered CO2	commercial	12/31/2009?		http://www.irs.gov/irb/2009-44_IRB/ar11.html
Treasury	Biofuels Production Tax Credit, Sec. 40A	tax credit of \$1.00 per gallon	commercial	12/31/2009?		http://www.irs.gov/pub/irs-drop/n-08-110.pdf
Treasury	Energy Research Credit, Sec. 41	20% tax credit for energy research	commercial	12/31/2009?		http://www.law.cornell.edu/uscode/uscode26/usc_sec_26_00000041----000-.html
Treasury	Renewable Energy Grants, Sec. 1603	allows ITC and PTC credits to be taken as grants	commercial	submit by 10/1/2011, in service by 1/1/13 to 2017	\$2.6B in FY2010	http://www.treas.gov/recovery/1603.shtml
Treasury	Advanced Energy Manufacturing Credit, Sec. 48C	30% tax credit (w/ some limitations) for advanced energy manufacturing	commercial	until funds are exhausted, expired 12/16/2009	\$2.3B	http://www.energy.gov/recovery/48C.htm
Treasury	Sec. 168 (l)	additional cost recovery for cellulosic biofuel property, extra 50% in first year	commercial	most recent opportunity closed 12/31/2009		http://www.irs.gov/pub/irs-wd/0910007.pdf
Treasury	Energy efficient commerical buildings deduction, sec. 179D	deduction of \$0.30 to \$1.80/square foot of property that exceeds efficiency standards	commercial	FY2013		http://www.irs.gov/irb/2008-14_IRB/ar12.html
Treasury	MACRS, Sec. 168(e)(3)(B)(vi)	five year cost recovery for energy property	commercial	FY2016		http://www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=US06F
Treasury	Building STAR	energy efficiency business building retrofits	commercial, multi-family	proposed only		http://www.energyfuturecoalition.org/content/Building-STAR
DoE	Renewable Energy Production Incentive (REPI)	2.1 cents/kWhr payment for electricity generated and sold for first 10 years	not for profit and public	in service by 2016		http://www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=US33F&State=Federal&currentpageid=1
DoE	Qualifying Advanced Energy Manufacturing Investment Tax Credit	tax credit of 30% of qualified investment	commercial	not currently accepting applications	ARRA funds	http://www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=US52F&re=1&ee=1

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DoE	Loan Guarantee Program	loans for renewable energy projects (usually >\$25M) including generation, transmission, manufacturing; subject to Davis-Bacon	public and private, no R & D	open through FY 2012, current opportunity closes 8/24/2010	FY2010 \$8.5 billion discretionary, ARRA \$6 billion discretionary	http://www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=US48F&re=1&ee=0
DoE	Tribal Energy Program Grant	renewable energy or energy efficiency projects	tribal governments		MT had some in 2006, little \$ for tribes	http://apps1.eere.energy.gov/tribalenergy/
DoE	Energy Efficiency and Conservation Block Grant Program	grants for energy efficiency and conservation	govt, tribes, not for profits	open through FY2012	FY2010 \$3.2B, 25 awards to MT	http://www1.eere.energy.gov/wip/eeecbg.html
DoE	State Energy Program	grants to state energy offices for renewables and efficiency programs	State government	open through FY 2012, current opportunity closes 8/31/2010	all MT \$ spent	http://www1.eere.energy.gov/wip/project_map/project_details_new.aspx?pid=29
DoE	Marine and Hydrokinetic Technology Readiness Advancement	grants to advance technology for marine and hydrokinetic energy	industry or utility	open through 6/7/2010	FY2010 \$15M	http://www.grants.gov/search/search.do?mode=VIEW&oppId=53903
DoE	Renewable Energy Research and Development	grants for research and development efforts in energy technologies including biomass.	research			http://www.federalgrantswire.com/renewable_energy_research_and_development.html
DoE	Advanced Research Projects Agency-Energy (ARPA-E)	grants for energy research	commercial or university	open through FY 2012	no open solicitations	http://arpa-e.energy.gov/
DoE	Energy Star	tax credit of 30% of cost up to \$1,500 for consumers who purchase biomass based stoves	commercial and consumer	12/31/2010		http://www.energystar.gov/index.cfm?c=tax_credits.tx_index
EPA	National Center for Environmental Research	SBIR for green building, manufacturing, biofuel, etc.	small business	open through FY2012, phase 1 closed 5/11/2010	34 projects funded as of 4/2010	http://www.epa.gov/ncers/sbir/
HUD	Sustainable Communities Planning	grants to support regional planning, coordinated with DoT, EPA	govt and community development agencies	open to 8/23/2010	\$150M in FY2010	http://portal.hud.gov/portal/page/portal/HUD/program_offices/sustainable_housing_communities
Dept of Ed.	Qualified Zones Academy Bonds (QZABs)	Bond (14 yr- zero interest) for renovating and repairing buildings, investing in equipt and up-to-date technology	K-12 public schools in EC/EZ or w/ 35% of students under			http://www.qzab.org/
BIA	Forestry on Indian Lands	support forest manangement activities and administration on tribal lands including hazardous fuels reductions projects.	tribes			http://www.federalgrantswire.com/forestry_on_indian_lands.html
BIA	Indian Education Facilities, Operation and Maintenance	fund facilities operations and maintenance.	BIA funded schools or dorms			http://www.federalgrantswire.com/indian_education_facilities_operations_and_maintenance.html
BIA	Replacement and Repair of Indian Schools	provide safe, functional, code-compliant, economical, and energy-efficient education facilities.	BIA funded schools or dorms			http://www.federalgrantswire.com/replacement_and_repair_of_indian_schools.html

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