



USDA Forest Service

American Recovery and Reinvestment Act

Projects

Wood to Energy
and
Biomass

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Arizona

Drake Wood to Energy

Date of Announcement: June 11, 2009

Estimated Funding: \$ 1,400,000 for Wildland Fire Management

County: Yavapai

Working with the Prescott Urban Interface Commission, Yavapai County, and local private forest consultants, this grant will develop systems for providing wood biomass to a new cement plant north of Prescott in Drake, AZ.

APC Pallets, Inc.

Date of Announcement: June 11, 2009

Estimated Funding: \$ 250,000 for Wildland Fire Management

County: Apache

These funds will develop a minority-owned pallet mill for utilization of the vegetation that is harvested from work done under the White Mountain Stewardship Contract. Without the mill, there is almost no market because three other mills in the area are closed down.

Dakota Logging, LLC

Date of Announcement: June 11, 2009

Estimated Funding: \$ 250,000 for Wildland Fire Management

County: Maricopa

This funding will develop mechanized harvesting technologies to enhance efficiency of wood utilization. This will increase efforts to harvest and utilize wood from the wildland-urban interface around Prescott and Prescott Basin and to sell to the strong area firewood market.

California

Renewable Energy Co-gen Facilities NW CA

Date of Announcement: June 11, 2009

Estimated Funding: \$ 4,500,000 for Wildland Fire Management

County: Humboldt

Funding will allow the restart of existing co-generation energy facilities for the benefit of Hoopa and Yurok Tribes.

Blue Lake Power, LLC

Date of Announcement: June 11, 2009
Estimated Funding: \$ 248,000 for Wildland Fire Management
County: Shasta

This funding will be used to re-open a closed co-generation facility in Blue Lake, CA, and will be used to upgrade and retrofit the facility to use woody biomass to generate heat and electricity.

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Colorado

NORESCO, LLC (Project in Florence, Colorado)

Date of Announcement: June 11, 2009
Estimated Funding: \$ 250,000 for Wildland Fire Management
County: Fremont

Funding will assist grinding, hauling, and processing wood for a wood pellet facility.

Confluence Energy, LLC

Date of Announcement: June 11, 2009
Estimated Funding: \$ 250,000 for Wildland Fire Management
County: Grand

Funding will assist the co-firing of a coal facility with woody biomass.

Colorado Springs Utilities

Date of Announcement: June 11, 2009
Estimated Funding: \$ 250,000 for Wildland Fire Management
County: El Paso

Funding will install a woody biomass boiler at a prison in Florence, CO.

Boulder County Parks

Date of Announcement: June 11, 2009
Estimated Funding: \$ 250,000 for Wildland Fire Management
County: Boulder

Funding will help establish a biomass collection site and the reinstallation of a biomass heating system.

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Idaho

Evergreen Forest Products Dry Kiln

Date of Announcement: June 11, 2009

Estimated Funding: \$ 2,500,000 for Wildland Fire Management

County: Adams

Funding will allow for the installation of a dry kiln at an existing sawmill, retaining several dozen existing jobs.

Sawmill/Showings Plants - Emmett

Date of Announcement: June 11, 2009

Estimated Funding: \$ 4,000,000 for Wildland Fire Management

County: Gem

Funding will help complete a partially constructed mill where \$6 million has already been invested.

Garden Valley Fuels for Schools

Date of Announcement: June 11, 2009

Estimated Funding: \$ 3,000,000 for Wildland Fire Management

County: Boise

Funding will convert Garden Valley School to a central biomass heating plant.

Treasure Valley Forest Products

Date of Announcement: June 11, 2009

Estimated Funding: \$ 250,000 for Wildland Fire Management

County: Ada

Funding will establish a wood pellet mill.

Kentucky

Fuels for Community Health Facilities Demonstration Project

Date of Announcement: June 11, 2009

Estimated Funding: \$ 1,000,000 for Wildland Fire Management

County: Trigg

Coordination with external partners to obtain summary information is ongoing.

Fuels for Schools Demonstration Project

Date of Announcement: June 11, 2009
Estimated Funding: \$ 1,000,000 for Wildland Fire Management
County: Lyon

Coordination with external partners to obtain summary information is ongoing.

Maine

Fuels for Public Buildings

Date of Announcement: June 11, 2009
Estimated Funding: \$ 11,424,000 for Wildland Fire Management
Counties: Aroostook, Franklin, Hancock, Penobscot, Piscataquis, Somerset, Washington

This project will support the conversion of an estimated 15 public buildings to wood / dual fuel heating.

Minnesota

Bois Forte Development Corporation

Date of Announcement: June 11, 2009
Estimated Funding: \$ 250,000 for Wildland Fire Management
County: Saint Louis

Funding will allow for the purchase of chippers and grinders for a biomass facility.

Missouri

Missouri Fuel for Schools Program Partnership **NOTE: Partnership with mark Twain National Forest**

Date of Announcement: June 11, 2009
Estimated Funding: \$ 6,000,000 for Wildland Fire Management
Counties: Barry, Bollinger, Butler, Carter, Crawford, Dent, Douglas, Howell, Iron, Madison, Oregon, Ozark, Perry, Phelps, Pulaski, Reynolds, Ripley, Shannon, Stone, Taney, Texas, Washington, Wayne, Wright

This project will build wood energy facilities in six schools in southern Missouri.

Nevada

North Nevada Correctional Center Bio Energy

Date of Announcement: June 11, 2009

Estimated Funding: \$ 620,000 for Wildland Fire Management
County: Carson

Funding provides for upgrades to improve energy efficiency at North Nevada Correctional Center, including a 1 mega-watt biomass chip plant, two bins for hauling material to site, and an onsite chipper.

New Mexico

Mescalero Apache Woody Biomass Energy Development

Date of Announcement: June 11, 2009
Estimated Funding: \$ 2,500,000 for Wildland Fire Management
Counties: Lincoln and Otero

The project will develop a pellet production plant and a 6 mega-watt power generation facility in conjunction with the Mescalero Apache tribe's sawmill.

North Dakota

Bellerud Energy, LLC

Date of Announcement: June 11, 2009
Estimated Funding: \$ 237,000 for Wildland Fire Management
County: Cass

Funding assists a biomass briquette facility.

Oregon

Sustainable forest bioenergy production (FWE, HD)

Date of Announcement: June 11, 2009
Estimated Funding: \$ 300,000 for Wildland Fire Management
County: Douglas

This project will evaluate the economic value of using portable pyrolysis units for in-woods conversion of biomass into bio-oil and bio-char and test the impacts of bio-char application on forest sites.

Warm Springs Biomass LLC

Date of Announcement: June 11, 2009
Estimated Funding: \$ 5,000,000 for Wildland Fire Management
County: Jefferson

Small diameter woody biomass will be used for a boiler at the Warm Spring Indian Tribe's existing sawmill. Steam from that boiler will be used to generate electricity.

Woody Biomass Removal for Energy Production

Date of Announcement: June 11, 2009

Estimated Funding: \$ 800,000 for Wildland Fire Management

County: Douglas

The projects funded collect and bundle woody biomass from private forest lands. Biomass will be used at a local power plant to generate energy.

P - Pellet Plant in Grant Harney Counties

Date of Announcement: June 11, 2009

Estimated Funding: \$ 5,000,000 for Wildland Fire Management

County: Grant

Funds will be used for the design and installation of a biomass pellet plant. This facility would utilize biomass material from a 10-year stewardship fuels reduction contract.

Douglas County Small Woodlands Biomass

Date of Announcement: June 11, 2009

Estimated Funding: \$ 500,000 for Wildland Fire Management

County: Douglas

This project was developed by the Oregon Department of Forestry to work with small woodland owners to reduce hazardous fuels on their lands and pool this available biomass for use in two co-generation facilities in Douglas County. The concept is to improve the economics of the work by increasing the economy of scale across multiple small forest land owners.

T2, Inc.

Date of Announcement: June 11, 2009

Estimated Funding: \$ 250,000 for Wildland Fire Management

County: Linn

Funding will increase operating efficiency and year-round access for conducting fuels treatments.

Pennsylvania

Grey Towers Biomass Heat Conversion

Date of Announcement: June 11, 2009

Estimated Funding: \$ 400,000 for Wildland Fire Management

County: Pike

Funding will help convert Grey Towers heating systems to biomass.

Washington

Kulzer Energy

Date of Announcement: June 11, 2009

Estimated Funding: \$ 4,000,000 for Wildland Fire Management

County: Stevens

This project will incrementally develop an integrated facility that produces wood products, processes steam, produces purified water, and electricity for local use. The boiler will be fueled with woody biomass and local waste. This is Phase I - build a 4-7 mega-watt co-generation plant.

Vaagen Brothers Lumber, Inc.

Date of Announcement: June 11, 2009

Estimated Funding: \$ 250,000 for Wildland Fire Management

County: Stevens

This funding will help to increase efficiency of biomass removal.