

## Natural Resources Conservation Service Energy Investment Categories

June 2, 2009



# Who We Are, What We Do

- Mission Helping People Help The Land
- Strategies Cooperative Conservation, Watershed Approach, Market Based Approach
- Business Lines Conservation Planning and Implementation, Natural Resources Inventory and Assessment, Natural Resources Technology Transfer, Financial Assistance



# **Types of Assistance**

- Financial Assistance (FA) Direct Funding to Program Recipients (cost share, incentives, grants, easements, stewardship payments)
- Technical Assistance (TA) Technology Transfer, Data Development, Staffing, Infrastructure, etc.

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#### Natural Resources Conservation Service Energy Investment Categories

#### **Education and Outreach**

- Conservation Innovation Grants Program (FA)
- Conservation Technical Assistance Program (TA)

Energy Efficiency and Conservation

- Conservation Security Program (FA and TA)
- Environmental Quality Incentives Program (FA and TA)
- Conservation Technical Assistance Program (TA)



#### Education and Outreach – Conservation Innovation Grants (FA)

- Competitive Grant Program Available to Non-Federal Governmental, NGO's, Tribes or Individual Entities
- Enables NRCS to Work With Public and Private Entities to Accelerate Technology Transfer to Ag Community



#### Education and Outreach Cont'd, Conservation Innovation Grants, 2008 Examples

- Coaltec Energy USA inc. Gasification of Poultry Litter to Produce Heat and Chilling (\$475,500)
- Washington State University Nutrient Capture and Redistribution in a Community Anaerobic Digester (\$414,013)
- Pine Ridge Winery Modular Bio-power for Conversion of Biomass Residues to Onsite Heat and Power (\$560,134)



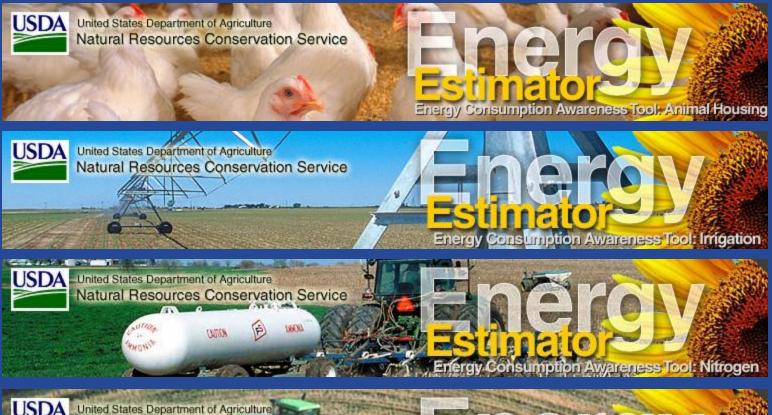
### Education and Outreach Cont'd, Conservation Technical Assistance (TA)

- Staffing for Two Full Time Energy Specialists at West National Technology Support Center in Portland OR
- Team Responsibilities Composed of Planning, Program Support, Training, Technology Development, and Communications Related to Energy Issues
- One Key Output of Team Has Been Suite of On-Line Energy Estimators

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### Education and Outreach Cont'd, On-Line Self Assessment Tools



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#### Energy Efficiency and Conservation, Environmental Quality Incentives Program (EQIP) (FA and TA)

- Voluntary Conservation Program for Farmers and Ranchers, Provides Financial and Technical Assistance for Conservation Practice Adoption to Address Resource Concerns
- Obligated Funds for Installation of Seven Anaerobic Digesters to Address Air and Water Quality Concerns
- 2008 Farm Bill Authorizes EQIP to Prioritize Energy Conservation

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#### Energy Efficiency and Conservation Cont'd, Conservation Security Program (CSP) (FA and TA)

- Voluntary Conservation Program Providing Financial and Technical Assistance for Conservation Activities, Implemented in Selected Watersheds
- Provided Funding for Several Energy Related Activities, Such As Energy Audits, Renewable Energy Generation, and Recycle On Farm Lubricants
- CSP Replaced by Conservation Stewardship Program in 2008 Farm Bill – Energy Will be used in Ranking For Nation Wide Sign Up