

Woody Biomass Energy & State Trust Lands

Energy and Telecommunications
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Biomass Production Trust Lands

- Potential
- Current/Recent
- Challenges
- Solutions?



Trust Lands Potential

- UM – BBER study May 09
- TOTAL live tree biomass on trust lands
= 29 million dry tons
- This is only 4% of the total live tree biomass on all non-reserved timber lands
- 74% of the volume is on NFs
- 18% on private

Trust Lands Potential

- Within ½ mile of existing road
- Stand age 0-100 years
- Slopes 0-40%
- DBH 5-10.9”
- Total = 40.3 million dry tons
- 2.6% or 1.04 million tons on state land

Trust Lands – Current/Recent

- Biomass Utilization has increased over past 10 yrs
- Most biomass removed is used for pulp
- 4 yr average = 60,000 tons per year

Trust Lands Biomass

- Removal of biomass is market-driven
 - Places to sell it?
 - In what quantities?
 - For what price?
 - How much will it cost to get it there?

Trust Lands Biomass

- Biomass is generally removed on the “backs” of saw logs
- Typically, part of transportation cost is borne by other, higher value markets
- When land managers pay for work under service contracts, e.g., WUI fire hazard thinning, removal can be viable.

Challenges

- Price of Power
- Markets
- Predictable Supply
- Sustainability Concerns

Solutions?

- Incentives must be carefully crafted to avoid unintended consequences.
- Requiring removal/outlawing burning are not going to help unless we have markets.

Thank You



Federal Forest Policy and State Opportunities

Climate Change & Adaptation

HR 2454 Waxman-Markey Subtitle E Adapting to Climate Change

- EPA distribute allowances to States and Tribes based on (1) population and (2) the ratio of each State's per capita income;
- Allowance proceeds deposited into the State Energy and Environmental Development (SEED) Funds and used to support State Climate Adaptation Plans;
- Each State must gain federal approval of its Plan within 2 years of enactment;
- State reporting and independent evaluation is required within 1 year of receiving allowances; and
- Establishes a fund in the Natural Resources Climate Change Adaptation Account in the Treasury to allocate percentages to States for adaptation activities.



Federal Forest Policy and State Opportunities

Climate Change & Adaptation

'Climate Change Safeguards for Natural Resource Conservation' – Senate 9/2009

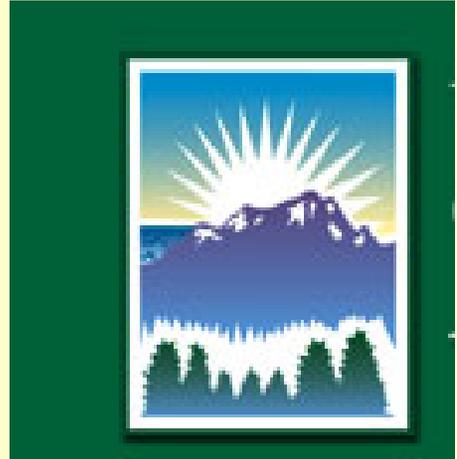
- State Natural Resource Adaptation Plans within 1 year to access funds with 5 year updates;
- Establishes a 'Natural Resource Climate Change Adaptation Fund';
- Of Allowances sold, 38.5% shall be provided to states to carry out plans;
- 5% to the Secretary of Interior cooperative grant programs, i.e., Landowner Incentive Programs;
- 1/6 from LWCF shall be competitively allocated to States for natural resource adaptation plans;
- 1/6 Deposits in LWCF allocated to the Secretary of Agriculture available to States carry out adaptation plan activities through land acquisition under section 7 of the Cooperative Forestry Assistance Act of 1978; and
- National Forest and Grassland Adaptation ~ 5% shall be allocated to the USFS to fund adaptation activities carried out on State and private forestlands under the Cooperative Forestry Assistance Act of 1978.



Western Governors' Association

Forest Health Advisory Committee – Climate Change and Adaptation

- Identify current assessments;
- Develop mitigation strategies;
- Communicate and coordinate management organizations and efforts;
- Identify states with established climate change programs and coordinators;
- Assess current strategic planning for climate change/adaptation; and
- Overall objective “Trees and Forests are effectively included in climate change/adaptation policy in our nations”.



Climate Change and Adaptation Working Group

- Determines the appropriate uses of climate adaptation modeling in informing natural resource and economic infrastructure planning and policies;
- Fills existing gaps in climate adaptation efforts within WGA;
- Reviews current and future climate legislation to assess the impact to state and their efforts to adapt to a changing climate;
- Reviews the current status and utility of climate adaptation modeling across forests, water, air and wildlife;

Biomass Utilization

- Develop informational resource site;
- Asses number and where there are active state level efforts; and
- Provide regional coordination and tools for communication

Federal Forest Policy and State Opportunities

Western Climate Initiative

- Task 1 – Design Criteria ~ Essential Elements

- Definition of an Offset
- Real
- Additional
- Permanent
- Verifiable

- Task 3 – Offsets

- Forestry Protocols
- Agriculture Protocols
- Waste Wood Protocols

