

Presented to Forest Stewardship Workshop

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Foresthill, California

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Placer County Biomass Programs & Projects

Guidance – Strategic Plan for Wildfire Protection and Biomass Utilization BOS approved 2007

Programs

Biomass box
Regional Biomass Collection
Forest Fuel treatments
Public Health Research
CEQA Carbon Offsets (PCAPCD)

Projects

Tahoe Basin Biomass Facility Potential Pellet Facility



On-Going Biomass Programs

Community biomass collection



- Regional biomass Collection
- USFS NF biomass removal





Contracts in place
Material being reclaimed
Air Pollution saved



Before

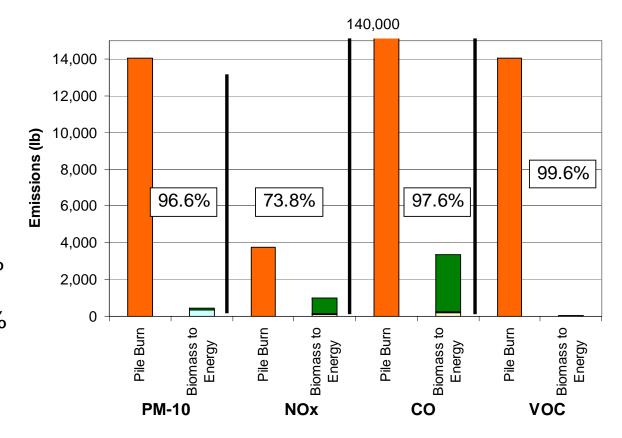
After



Regional Biomass Collection Project Results

- 2008 Regional Biomass removal Tahoe Basin
 - Biomass processed and transported (Loyalton and Carson City)
 - 330 BDT
 - Biomass chipped and used for ski slope stabilization

229 BDT



PM10 -- 7 tons, 97% CO -- 68 tons, 98% NOx - 1.5 tons, 74% VOC - 7 tons, 99%



Potential Tahoe Biomass Facility

What: 1 − 3 MW wood to energy producing facility (including electricity & heat)

80' X 80' 2-story building

When: Facility could be operational by winter 2012

Where: Kings Beach prime location, others considered

Why: Improve forest health, reduce fire danger, remove waste, lower air pollution,

provide public benefits

Who: Public/Private partnership with Sierra Pacific Power, USFS

How: County funding, federal earmarks, SPP investment, Ca



Tahoe Biomass Facility Progress

- 2008: Placer County secured a \$492,000 DOE grant from Congressman Doolittle
 - DOE grant progressing
 - · Air Emissions can be met
 - Economics look good
 - New site with greater potential in Kings Beach
 - Technology progressing/costs coming down
 - Pre-Development proposal in the works
- 2009: Placer County secured a \$1,427,250 DOE grant from Senator Feinstein/Congressman Doolittle
 - This will be used for "Down Payment on technology"
 - LOI from Sierra Pacific Power



Biomass Utilization Update

Questions/Comments

