



Biomass Update, Grant Acceptance and Contract Signature Request

**Presented to Placer County
Board of Supervisors**

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Squaw Valley California

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Accept
Placer County Air Pollution Control District
Clean Air Grants

Placer County was awarded 3 Separate Tahoe Area Grants

- \$40,000 to work with the USFS to remove biomass for energy. USFS matching with \$35,000***
- \$35,000 to work with the California Tahoe Conservancy and the California State Parks to remove biomass for energy. CTC/CSP matching with \$4,950 each***
- \$22,000 to work with the community to remove biomass for energy. HR2389 trust fund matching with \$10,000***
- Request for BOS approval and signature***



Rubicon/McKinney Trail Project

- High Priority Fire Danger
- Regulations required non-standard activities
- Hired Local Contractors
- JMA Ventures support
- USFS expectations exceeded



- Removed 10 acres of biomass
- Prevented open burning
- Report coming
- Policy opportunities ahead

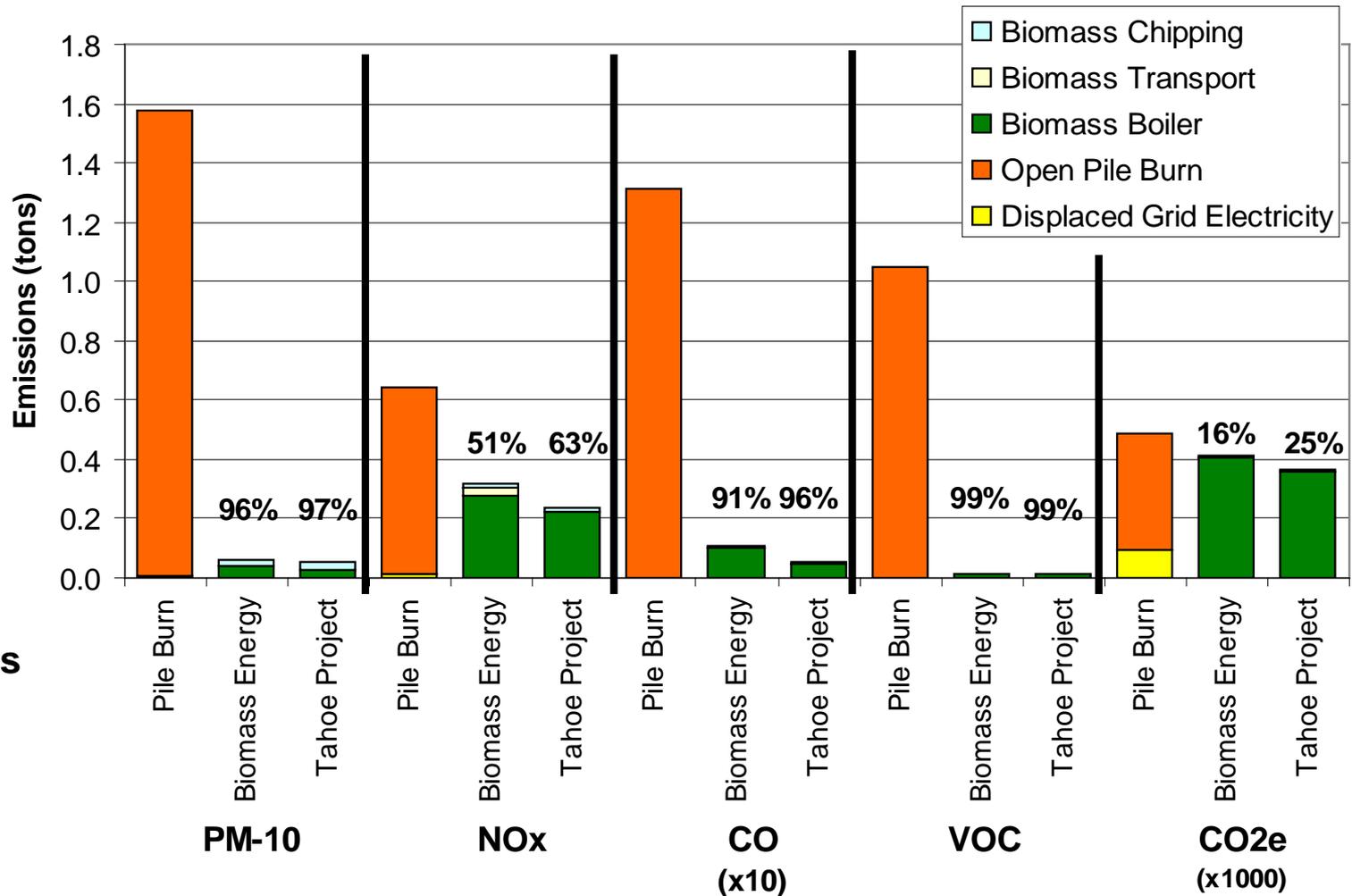




Rubicon/McKinney Trail Project Results

Rubicon Fuel Treatment

Biomass Moved:
221 BDT



Reductions

PM10: 1.50 tons

NOx: 0.33 tons

CO: 12.0 tons

VOC: 1.0 tons

CO2: 78 tons



CRAG Project

- Huge Volume Priority for USFS
- Regulations allowed standard activities
- Hired Local Contractors
- USFS expectations exceeded



- Removed 120 acres of biomass
- Prevented Huge open burning above Tahoe City
- Report coming
- USFS desires more contracts with PC

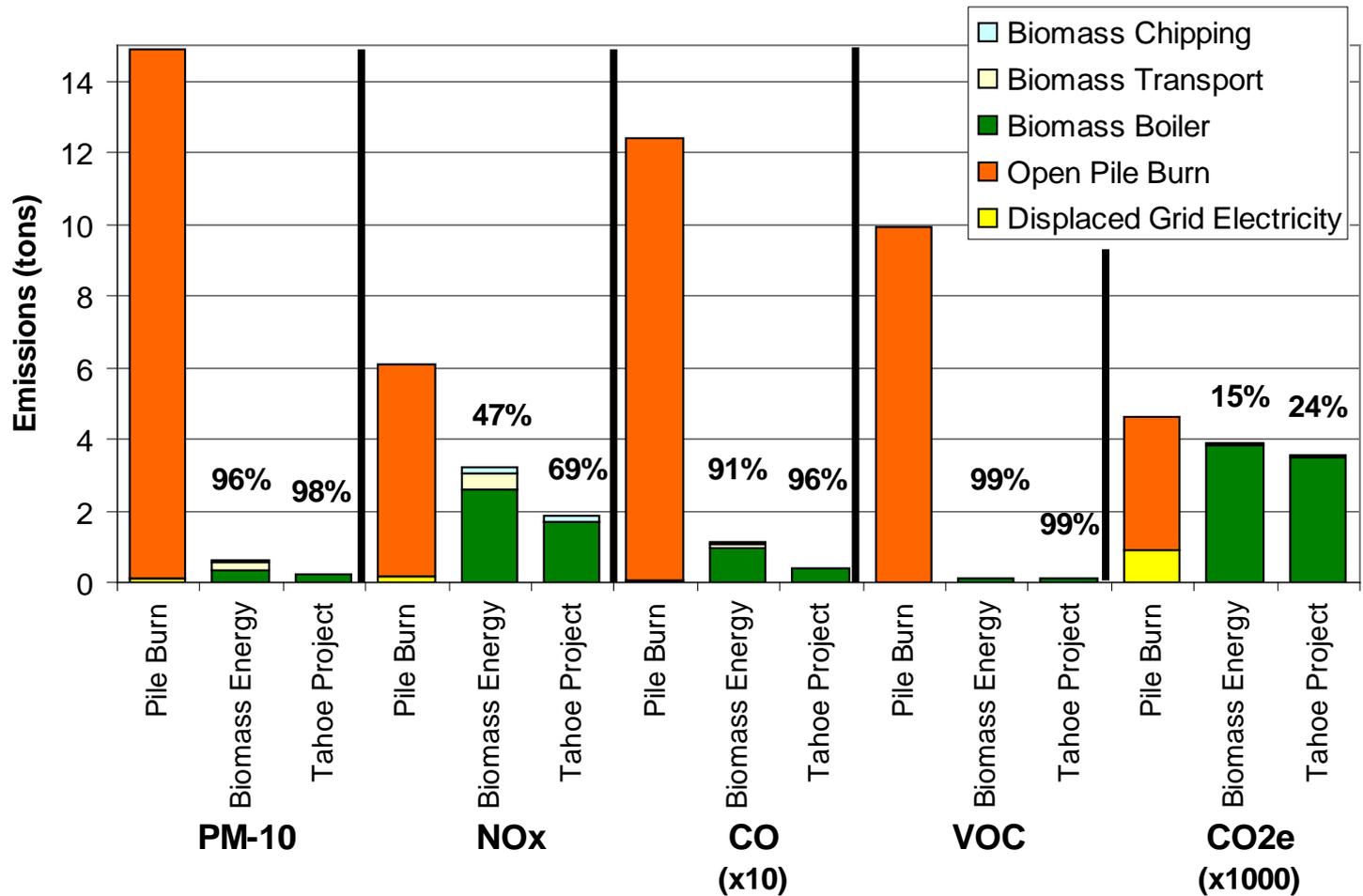




CRAG Project Results

Crag Fuel Treatment

**Biomass Moved:
2,080 BDT**



Reductions

PM10: 14.3 tons

NOx: 2.9 tons

CO: 113 tons

VOC: 10 tons

CO2: 712 tons



Community Project

- Large community involvement
- Support from Local Fire Agencies (NTFPD)
- Hired Local Contractors



- Removed tons of biomass from many area communities
- Prevented open burning
- Report coming

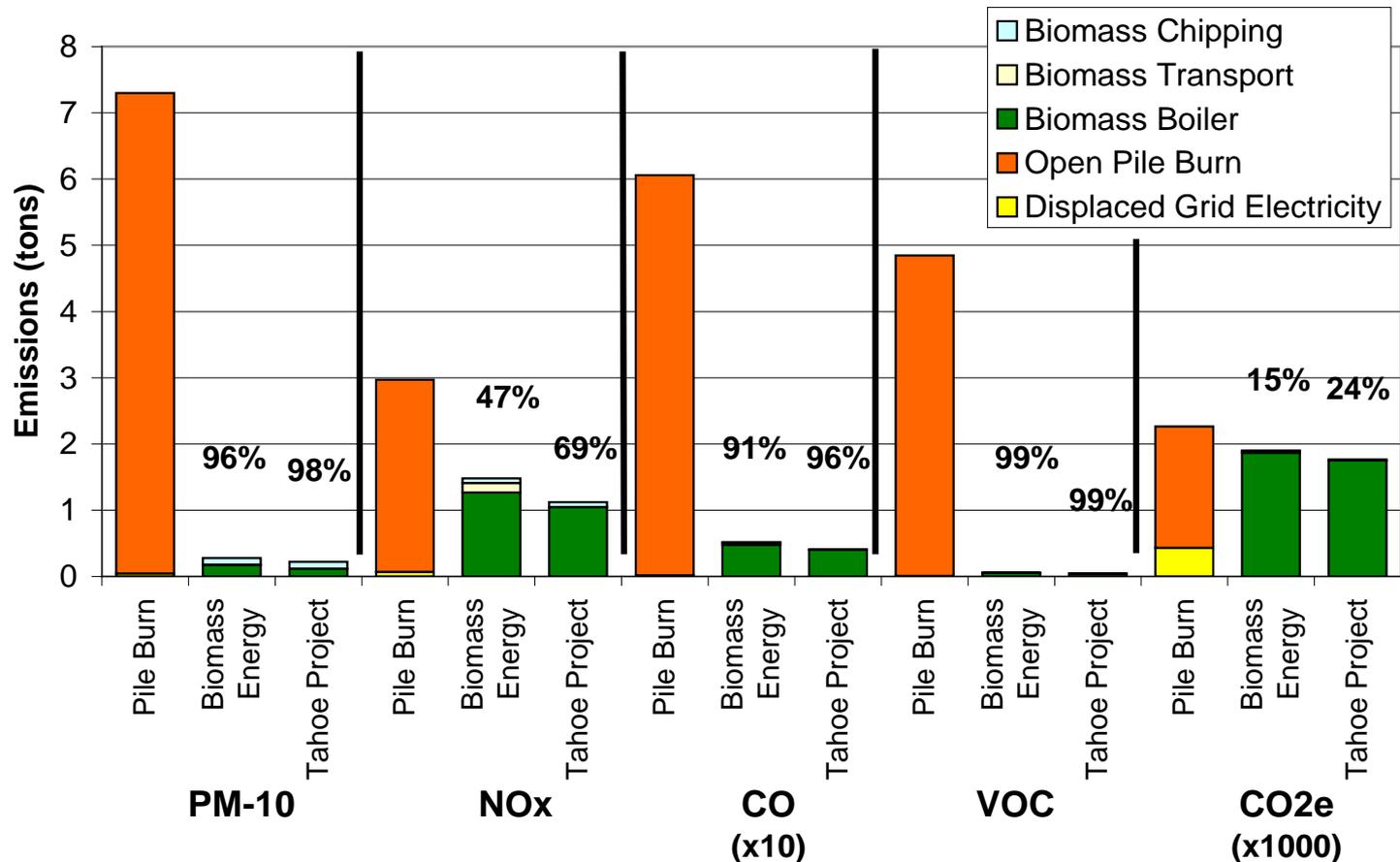




Regional Biomass Collection Project Results

2008 CAG, Tahoe Region

Biomass Moved:
1,018 BDT



Reductions

PM10: 7.0 tons

NOx: 1.5 tons

CO: 55 tons

VOC: 5 tons

CO2: 361 tons



Accept Department Of Energy Phase II, Stage I Grant

Placer County was awarded a \$1,427,250 Grant (Senator Feinstein support) from the DOE

- Stage 1 = \$750,000. Our Team matching with \$187,500 in in-kind value.***
- Request for BOS approval and signature today***
- Stage 2 = \$677,250. Our Team matching with \$ 677,250 in value sometime after we have land use approval and air permitting (late 2011 Brought back to the BOS then)***



Approval of Joint TRPA/PC Contract for Environmental Review Process

***To Support the EIR/EIS Environmental Review
desired for this project:***

- Joint Contract (TRPA/PC) with Ascent Environmental Inc. for NTE \$290,840 to complete all required environmental work***
- All funds will be paid for by the DOE Grant with BOS approval today***
- Request for BOS approval and signature today***



Potential Tahoe Basin Biomass Facility

Project Funding to date

- 2007 - The U.S Forest Service and Placer County funded a preliminary technical feasibility assessment for a biomass energy facility in the Lake Tahoe Basin - \$75K
- 2008 - Placer County received Congressionally-directed funding (Congressman Doolittle) to move this facility concept through the development phase -\$500K
- 2009/10 - Placer County has recently been awarded additional funds (Senator Feinstein) to assist in the construction of the biomass utilization facility - \$1.5M and \$1M requiring matching funds
- Placer County is also contributing significant project support
- NV Energy/Calpeco private partners to contribute remaining funding



Potential Tahoe Basin Biomass Facility

Recent Team Activities

- ***Preliminary facility design drawings completed***
- ***Meetings with TRPA held Agreed to Joint Work***
- ***Joint TRPA/PC Predevelopment Meeting Scheduled***
- ***APCD/TRPA Agreed to joint Air Permitting Actions***
- ***Preliminary EIR/EIS actions proceeding***
 - ***Joint TRPA/PC Consultants hired***
 - ***Public Scoping scheduled – June/July 2010***
 - ***Community Stakeholder meetings held***

Immediate Next Steps

- ***Environmental Studies begin***
- ***Detailed Facility Drawings drafted***
- ***Technology RFI this summer***
- ***More Community Stakeholder meetings***



Questions/Comments

Website is now operational

<http://www.placer.ca.gov/Departments/CommunityDevelopment/Planning/Biomass.aspx>

