



6th Annual Forum

Evaluating the Net Environmental and Social Benefits of Biomass Energy

**Cal EPA Building
(Sher Auditorium)
May 12/13, 2009**



California Biomass Collaborative

- Statewide biomass coordinating group
- Biomass Facilities Reporting System
- Biomass resource assessments
- Technology assessments
- Planning Functions/Policy
 - Needs Assessment
 - Roadmap for biomass development
- Coordination with State Bioenergy Interagency Working Group

California Biomass Facilities Reporting System (BFRS) Power Generation Assessments

The BFRS database contains Biomass power plants and related facilities, including thermal station power plants, digesters, landfill gas systems, fermentation plants, bio refineries, other biomass energy converters, material handling and processing operations, and storage units with technical and environmental performance. Gross and technical resources, estimates of electricity capacity and energy from biomass for year 2003, 2005, 2007, 2010 and 2017 are included in this database.

Specific information can be retrieved by following steps.

The screenshot shows a web form titled "Data Query" with three dropdown menus: "Select Category:", "Select County:", and "Select Year:". Below the dropdowns are two buttons: "Retrieve data" and "View Map".

<http://biomass.ucdavis.edu>
Email: biomass@ucdavis.edu



California Biomass Facilities Reporting System (BFRS) Resource Assessments

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Evaluating the Net Environmental and Social Benefits of Biomass Energy

May 12 (am) Overview

May 12 (pm) Barriers

May 13 (am) Incentives

May 13 (pm) Sustainability



Evaluating the Net Environmental and Social Benefits of Biomass Energy

Objectives:

1. Provide information
2. Encourage discussion and participation
3. Solicit your ideas for better ways to achieve greater and more sustainable use of biomass for energy
4. Suggest ideas for the California Biomass Collaborative for programs and activities (What more/else could the Collaborative do?)

“I can see no escape from the dilemma (...resulting from the vastness of knowledge and the limits of a single mind), than that some of us should venture to embark on a synthesis of facts and theories, albeit with second-hand knowledge of some of them-and at the risk of making fools of ourselves.”

E. Schrödinger (1944) - *What Is Life?*