

Eureka, March 25 2010

Woody Biomass to Energy Workshop

*Gareth J Mayhead
University of California Berkeley
In partnership with:
USDA Forest Service Region 5*

<http://ucanr.org/WoodyBiomass>



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Agriculture and Natural Resources

Woody Biomass Utilization



Workshop Aim

This workshop will help you to understand the basics of different conversion technologies including scale, cost, raw material specification and whether they are proven or emerging technologies.

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Agenda: 8:30am-12:30pm

8:30am – Welcome and introductions

8:40am – Woody biomass utilization basics (John Shelly)

9:10am – Biomass thermal applications (Gareth Mayhead)

9:40am – Electricity and combined heat and power (CHP)
(John Shelly)

10:10am – *Coffee and refreshment break*

10:40am – Gasification (Rob Williams)

11:10am – Pyrolysis (Gareth Mayhead)

11:40am – Liquid fuels (Rob Williams)

12:10am – Biomass Crop Assistance Program (BCAP)
(Gareth Mayhead)

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Lunch and Field Tour: 12:30pm-5:30pm

12:45pm - Lunch at Samoa Cookhouse

2:00pm - Almquist Lumber: thermal (heat) system

3:10pm - Blue Lake Power: power plant

4:30pm - Schatz Energy Lab: gasification unit.

5:30pm – Depart

Car pooling is important!

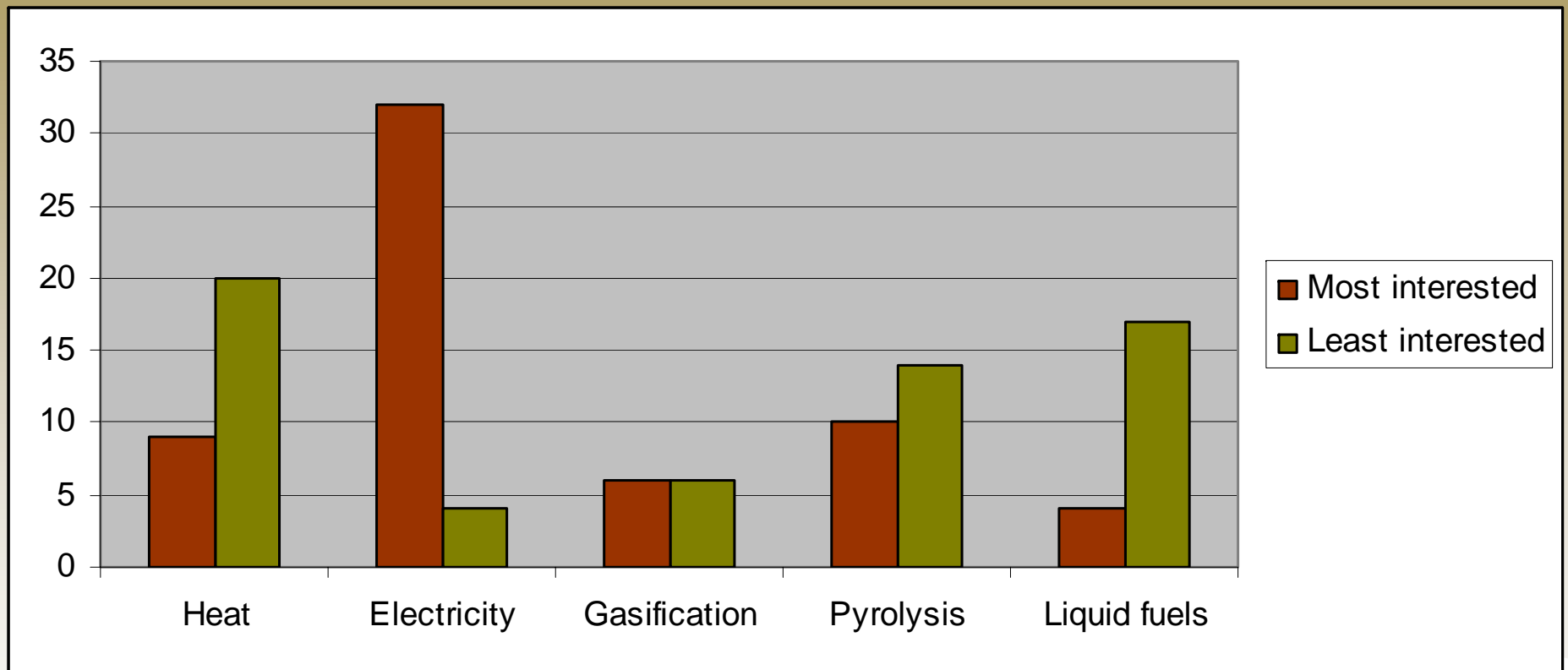
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Level of interest in technologies



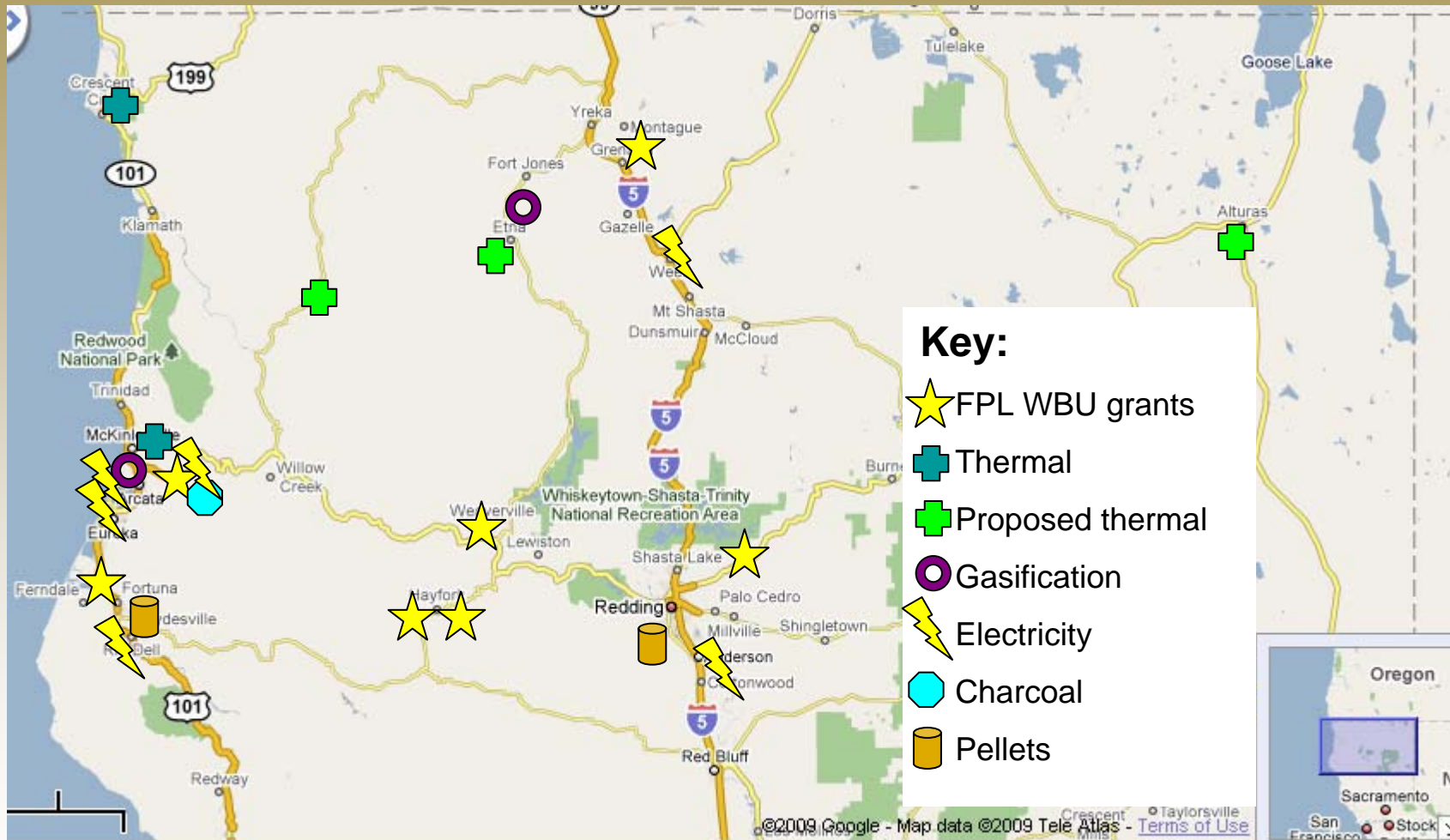
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Northwest California Energy Facilities and Projects



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