

# Michigan BioEnergy Conference

*Biomass and Waste to Energy, April 26*



Business to Business Conference for Project Development  
Hosted by Oakland University School of Engineering,  
Clean Energy Research Center

[www.oakland.edu/cerc](http://www.oakland.edu/cerc)

**Tuesday April 26, 2011**

Oakland Center Banquet Rooms A&B



Please come join us for a gathering of technical, commercial, and public policy experts to review the state of the art and discuss a roadmap to expand the use of local, clean, and sustainable Michigan bioenergy. Michigan expends over \$30B each year energy and fuels, with over \$24B leaving our state. Although much attention has been paid to bio-based transportation fuels, roughly half of Michigan's energy expenditures occur in buildings: residential, commercial, and industrial. This annual \$24B of funds leaving Michigan can be addressed in large part by the vast biomass resources within our state. Come to the Michigan BioEnergy Conference to network with experts in conventional and emerging technologies who will provide the tools to help us capitalize upon Michigan's vast biomass resources. The result will be the reduction in carbon emissions, the creation of jobs & sustainable businesses, and the fostering of a new sustainable energy economy.

Start	End	Topics & Speakers
7:30 AM	8:50 AM	Breakfast & Sign In
8:50 AM	9:00 AM	Opening comments and welcome, Dean Louay Chamra, OU SECS
9:00 AM	9:40 AM	US Department of Energy Biomass Program, Neil Rossmeissl, US DOE
9:40 AM	10:20 AM	State of Michigan Biomass Energy Program, Amy Butler, MI DELEG
10:20 AM	10:35 AM	Group discussion - Identifying hurdles and impediments to MI BioEnergy
10:35 AM	10:50 AM	Break & networking (Sponsored by Chevron Energy Solutions)
10:50 AM	11:25 AM	Michigan energy use, biomass resources, & technologies, Jim Leidel, OU
11:25 AM	12:00 PM	Fuels: waste, crops, production, harvest, processing, Chris Schilling, SVSU
12:00 PM	1:20 PM	Lunch (Sponsored by Honeywell Building Solutions)
12:45 PM	1:20 PM	Lunch presentation - Biomass combustion, Gene Zebley, Hurst Boiler
1:20 PM	1:55 PM	Biomass gasification, Scott Layne, Nexterra Systems
1:55 PM	2:30 PM	Biomass torrefaction, Joe James, Agri-Tech Producers LLC
2:30 PM	2:45 PM	Group discussion - Ideas or needs to develop MI BioEnergy
2:30 PM	2:45 PM	Break & networking (Sponsored by Morbark, Incorporated)
2:45 PM	3:20 PM	Biomass pyrolysis and bio-char system, Fred Jones, Cogen Designs
3:20 PM	3:55 PM	Anaerobic digestion, Thomas Guise, Swedish Biogas
3:55 PM	4:05 PM	Day Program - Closing Remarks
4:05 PM	5:30 PM	Break - Optional tour: HHB Project (Platinum LEED geothermal/solar thermal)
5:30 PM	6:30 PM	Happy Hour - networking (Sponsored by Energy Systems Group)
6:30 PM	8:30 PM	Dinner
		Dinner Program - OU Biomass Heating Plant Proposal & Project Development
		- OU Clean Energy Research Center & Biomass Systems
		- Group discussion - Further thoughts on gaps, hurdles, solutions