# Central Washington Biomass Energy Workshop

**April 29, 2015 • Hal Holmes Center, Ellensburg, WA**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00am – 9:30am</td>
<td>Sign-in and Refreshments</td>
</tr>
</tbody>
</table>
| 9:30am – 10:00am | Welcome and Workshop Overview  
Dylan Kruse, *Sustainable Northwest*  
Chuck Hersey, *Washington Department of Natural Resources*  
Peter Moulton, *Washington Department of Commerce*  |
| 10:00am – 10:30am | Presentation of Potential Conversion Sites in Central Washington  
Chuck Hersey, *Washington Department of Natural Resources*  |
| 10:30am – 11:30am | Project Development  
Nate Ulrich, *Mt. Adams Resource Stewards*  
Brad Hunter, *Craft 3*  
- What makes a viable project?  
- Feasibility Analysis  
- Project Management  
- Financing  |
| 11:30am – 12:00pm | Case Study – University of British Columbia Bioenergy CHP Facility  
Brent Sauder, *University of British Columbia*  |
| 12:00pm – 1:00pm | Lunch  |
| 1:00pm – 1:45pm | Technology Options  
Andrew Haden, *Wisewood*  |
| 1:45pm – 2:15pm | Fuel Supply  
Levi Strayer, *Bear Mountain Forest Products*  
Marcus Kauffman, *Oregon Department of Forestry*  
- Forest biomass supply, standards, pricing  
- Wood Pellets supply, standards, pricing,  
- Fuel procurement, Supplier Bids, Contracts  |
2:15pm – 2:45pm  
**Case Study – Lessons Learned from Oregon**  
Marcus Kauffman, *Oregon Department of Forestry*

2:45pm – 3:15pm  
**Emissions and Permitting**  
Lynnette Haller, *Washington State Department of Ecology*  
- DECY Air Quality Regulations  
- Air Emissions and Biomass Boilers

3:15pm – 3:45pm  
**Oregon Army National Guard Biomass Project & Systems Operation and Maintenance**  
Craig Volz, *Tetra Tech*  
- Umatilla Training Center project overview  
- Fuel delivery and storage  
- Optimizing system performance  
- System integration

3:45pm – 4:00pm  
**Workshop Recap, Community Involvement, and Next Steps**  
Dylan Kruse, *Sustainable Northwest*