

Small-Scale Hydroelectric Generation in Oregon

Wednesday, May 16, 2007

Bend, Oregon

A workshop designed to discuss how small-scale hydroelectric projects can help meet Governor Kulongoski's renewable energy goal. The Governor's target is for 25 percent of Oregon's electricity to be produced from new renewable resources by 2025.

- 8:30 a.m. Registration**
Sign in, confirm tour attendance; coffee, tea and muffins.
- 9:00 a.m. Welcome/Introductions**
Kip Pheil, Engineering Analyst, Oregon Dept. of Energy (ODOE)
- 9:15 a.m. Small Hydro - What It Takes To Get From An Idea To Design and Construction**
Site analysis, generation estimates, budget and financial analysis, and contracts.
Tom McCreedy, Project Development and Management Consultant
- 10:00 a.m. State Review Process**
How Oregon state agencies review and permit hydroelectric projects.
Mary Grainey, Hydroelectric Program Coordinator, Oregon Water Resources Dept.
- 10:30 a.m. Break**
- 10:45 a.m. Utility Issues – Connection and Power Sales**
What it takes to interconnect and sell power. Rates, contracts, and interconnection procedures.
Bruce Griswold, Manager, Commercial and Trading Dept., PacifiCorp
- 11:15 a.m. Financial Incentives**
Grants, tax credits, and loans to evaluate and develop projects.
Kip Pheil, Engineering Analyst, Oregon Dept. of Energy
Betsy Kauffman, Program Manager, Energy Trust of Oregon
- 11:45 a.m. Lunch**
Oregon's Renewable Energy Action Plan and Renewable Portfolio Standard.
Robin Straughan, Renewable Energy Program Coordinator., Oregon Dept. of Energy
- 1:00 p.m. Northwest Hydroelectric Association**
Insight on FERC process and other hydro related legislation.
Jan Lee, Executive Director, NW Hydroelectric Association

- 1:15 p.m. Central Oregon Irrigation District**
COID owns and operates the 6 MW Siphon Power Project and has looked at additional hydro projects; how to fit generation into irrigation operations.
Bob Beal, Manager, Hydropower Operations, COID
Steve Johnson, District Manager, COID
- 1:30 p.m. Environmental Mitigation**
Development of hydro projects involves environmental analysis and mitigation efforts; development scope, types of studies conducted, and typical requirements.
Ken Homolka, Hydropower Program Leader, Oregon Dept. of Fish and Wildlife
- 1:45 p.m. Hydro in the City**
Considerations to extract power from municipal water systems.
Stephen Anderson, Principal, Evergreen Energy
- 2:00 p.m. Issues and barriers for further development**
Identify factors to evaluate and address; facilitated discussion.
Karen Chase, Renewable Resource Specialist, Oregon Dept. of Energy
- 3:00 p.m. Break**
- 3:15 p.m. Oregon Hydroelectric Working Group (OHWG)**
Discussion on the formation of a working group and planning for further actions. A two-day fall workshop is anticipated in addition to other meetings.
Karen Chase, Renewable Resource Specialist, Oregon Dept. of Energy
- 4:00 p.m. Adjourn**
- 4:00-5:30 p.m. Tour (Optional)**
Visit the Central Oregon Irrigation District 6 MW run-of-the-river Siphon Power Project site.

Oregonized by:

Oregon Department of Energy, 503-378-4040, toll-free 800-221-8035

Energy Trust of Oregon, 503-493-8888, toll-free 866-368-7878; www.energytrust.org

Northwest Hydroelectric Association, 541-610-3311; www.nwhydro.org