



# Foote Creek Rim - Phase 1

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## *Eugene Water & Electric Board*

Jim Maloney

# Project Description

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- 41.4 MW capacity
- EWEB share is 21.21% or 8.8 MW
- Est. Capacity Factor 42%
- Avg. Wind Speed 25 mph (11 m/s)
- Yields about 24,400 MWh's/yr
- 69 Mitsubishi 600 kW turbines
- Located in SE Wyoming

# Project Photo



*Wind Energy for Northwest Public Power: Issues & Opportunities*  
*April 23, 2001 – Portland, Oregon*

# Project Benefits

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- Added more renewable generation to our power portfolio;
- Responded to customer preferences;
- Gave us experience with a new resource technology;
- Saved the community \$2 million compared to average market costs in 2000;
- Has served as a real catalyst for our resource acquisition plans.

# Project Issues and Lessons Learned

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- Birds and bats
- Project risk is real;
- Blades and gearboxes;
- No matter how complex the contracts, they're incomplete;
- Business partners matter.

# Overall Project Evaluation

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- We are very glad to have been involved in the project.
- We underestimated the surprise factor.
- Could not duplicate the project because of trans/integration issues.
- It's far more beautiful than a gas turbine.

# Future Plans Involving Wind

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- Current negotiations for portion of 300 MW Stateline project
- Preliminary development work for 25 MW project in Sherman County
- Receiving unsolicited proposals for Oregon coast project and other NW sites
- Integration is not easy or cheap