



## Department of Energy

Bonneville Power Administration  
P.O. Box 3621  
Portland, Oregon 97208-3621

ENVIRONMENT, FISH AND WILDLIFE

September 26, 2008

In reply refer to: KEC-4

### ENVIRONMENTAL ASSESSMENT DETERMINATION

**Proposed Action:** Albany-Burnt Woods and Santiam-Toledo Line Rebuilds

**Environmental Project Manager:** Rachel Rounds, KEC-4, Phone: 503-230-3967,  
Fax: 503-230-5699, rarounds@bpa.gov

**Budget Information:** Albany-Burnt woods WO#: 00207128; Santiam-Toledo WO#: 00207142

**Location:** Corvallis, Benton and Linn Counties, OR

**Proposed by:** Bonneville Power Administration (BPA)

**Description of the Proposed Action:** BPA is proposing to rebuild the wood-pole section of BPA's Santiam-Toledo #1 230 kV line and BPA's Albany-Burnt woods #1 115 kV line. The two lines share a Right-of-Way for approximately 18 miles of the project. The Santiam-Toledo line was originally built in 1959 and no major rebuild work has been done on the line since it was originally built. The line is currently experiencing a high frequency of ground line decay. The wood pole section of the line is approximately 20 miles. The Albany-Burnt woods line was originally built in 1946 and no major rebuild work has been done on it. The line is 25.7 miles long. The line will be modified (four structures will be raised) to allow the line to be rated from 80 degrees to 100 degrees C. On both lines all existing wood poles and cross arms would be replaced with new wood poles and cross arms. New anchors would be put in place. All components would be replaced except steel, conductors, and shoes. The proposed project would occur in the summer and fall of 2009.

**Class of Action to be Applied (from Subpart D, 10 C.F.R. Part 1021):** C4 – Reconstructing (upgrading or rebuilding) existing electric power lines.

We have determined that the proposed action is within the class of actions normally requiring an Environmental Assessment (EA), but not necessarily requiring an Environmental Impact Statement (EIS) as listed in Subpart D of 10 C.F.R. Part 1021. Therefore, we have determined that an EA will be prepared to assess the impacts of the proposed action.

On the basis of the analysis in the EA, BPA will either prepare a Finding of No Significant Impact and proceed with the action, or will prepare an EIS if the EA reveals the potential for significant environmental impacts.

/s/ Rachel Rounds

Rachel Rounds

Environmental Protection Specialist

CONCUR:

/s/ Katherine S. Pierce

Katherine S. Pierce

NEPA Compliance Officer

DATE: September 26, 2008