

**80th Cooper Ornithological Society Meeting,
128th stated meeting of the American Ornithologists' Union, and
the 28th Society for Canadian Ornithologists Meeting
in San Diego, California, 7-11 February 2010, Proposed AOU Workshop**

Title: Avian Interactions with Power Lines: An Overview of Avian Protection Plan Guidelines, Regulations, and Techniques for the Protection of Avian Species



Avian
Power
Line
Interaction
Committee

Organizers: Sherry Liguori, PacifiCorp, and Kara Donohue, Southern California Edison

Potential Presenters:

Jill Birchell, Office of Law Enforcement, U.S. Fish and Wildlife Service
Dave Bouchard, Biologist, American Electric Power
Kara Donohue, Biologist, Southern California Edison
Mike Green, Migratory Birds, U.S. Fish and Wildlife Service
Sherry Liguori, Biologist, PacifiCorp
Brad Loveless, Biologist, Westar Energy
Al Manville, Migratory Birds, U.S. Fish and Wildlife Service

Titles of Presentations:

Introduction

The Issue: History of Avian Electrocutions, Agency and Utility Efforts, and APLIC Resources

Laws and Permits: Overview of Laws Protecting Avian Species and Applicable Permits

Electricity 101: An Introduction to Electrical Systems

Biological Aspects of Avian Electrocutation: An Overview of Biological Factors Influencing Electrocutation Risk

Power Line Design and Avian Safety: Avian-Safe Structure Designs for New Construction and Retrofitting

Bird Nests on Utility Poles: Species that Nest on Power Poles, Reliability Impacts, and Nest Management

Collisions: Causes of Avian Collisions with Power Lines and Methods for Collision Reduction

Avian Protection Plans: Cooperative Utility/Agency Efforts to Reduce Bird Mortality and Improve Service Reliability

Description:

This workshop is open to all interested parties, particularly those working to address impacts of energy infrastructure and development on migratory birds.

This course will provide a minimum of a 4 hour overview of avian interactions with power lines and a ½ hour panel discussion on Avian Protection Plans (APPs). The course will review the causes of bird electrocutions and collisions with power lines, regulations protecting migratory birds, recent changes to eagle regulations due to bald eagle de-listing, measures to reduce bird mortality associated with power lines, management of raptor nests on power lines, and the development of APPs that allow utilities to protect migratory birds while enhancing power reliability. The panel discussion will provide an opportunity for an open dialogue regarding the development and implementation of utility APPs and other related topics. Instructors and panelists will include members of the Avian Power Line Interaction Committee (APLIC) and representatives from the U.S. Fish and Wildlife Service's Office of Law Enforcement and Migratory Birds. Workshop participants will receive copies of the APP Guidelines, *Suggested Practices for Avian Protection on Power Lines*, and *Mitigating Bird Collisions with Power Lines*.