Avian Interactions With Power Lines Workshop

April 27-29, 2015
Tempe Mission Palms
60 East Fifth Street, Tempe, AZ 85281

Hosted By:
Salt River Project & Arizona Public Service

AGENDA

Overview:
- Monday, April 27 – APLIC Short Course, Evening Vendor Reception
- Tuesday, April 28 – APLIC Short Course, Open Business Meeting
- Wednesday, April 29 – Closed Business Meeting (APLIC members only)

Monday, April 27, 2015
APLIC Short Course

8:00 – 8:20   Welcome (SRP and APS and Mike Best, APLIC Chair/PG&E)
8:20 – 8:35   Introductions and Course Overview (Mike Best and Kara Donohue/Southern California Edison)
8:35 – 9:00   The Issue: History of avian electrocutions, agency and utility efforts, and APLIC resources (Rick Loughery, EEI, and TBD)
9:00 – 9:55   Laws and Permits: - An overview of laws protecting avian species and applicable permits (Robert Romero?, USFWS)
9:55 – 10:15  BREAK
10:15 – 10:30  **Electrical Utility Regulatory Overview:** Compliance with mandatory grid reliability standards (*Ron Spencer, White River Electric Association*)

10:30 – 11:05  **Birds: 101:** An overview of avian ecology (*Kara Donohue, and Diana Lieker, Tri State*)

11:05 – 11:50  **Electricity 101:** An introduction to electrical systems (*Michael Dyer, Salt River Project*)

11:50 – 1:10  **Lunch**

1:10 – 2:00  **Basics of Avian Electrocutions:** An overview of factors influencing electrocution risk (*Eric Johnson, Westar Energy and Haley Edwards, Puget Sound Energy*)

2:00 – 2:50  **Bird Nests on Utility Poles:** Species that nest on power poles, reliability impacts, and nest management (*Kaylynne Beck, Oncor and Haley Edwards*)

2:50 – 3:40  **Collisions:** Causes of avian collisions with power lines and methods for collision reduction (*Mel Walters, Puget Sound Energy and Eric Johnson*)

3:40 – 4:00  **Vegetation Management** (*Mike Best and Kara Donohue*)

4:00 – 4:10  **Break**

4:10 – 4:50  **Power Line Design and Avian Safety:** Avian-safe structure designs for new construction and retrofitting of poles and substations (*Mike Best, and Lesly Swanson, Salt River Project*)

4:50 – 5:00  **Conclusion and Wrap-up for Day 1**

5:30 – 7:30  **RECEPTION AND VENDOR TRADE SHOW (GET YOUR CARD STAMPED FOR A CHANCE AT A FABULOUS DOOR PRIZE)**
Tuesday, April 28, 2015
APLIC Short Course (continued) and Open Business Meeting

8:00 – 8:15  Welcome (Mike Best)

8:15 – 9:00  Construction Activities: Minimizing avian impacts associated with utility construction (Dana Small?, Pepco Holdings, and Kara Donohue)

9:00 – 9:40  Avian Protection Plan Guidelines: History of cooperative Utility/agency efforts to reduce bird mortality and improve service reliability (Brad Loveless, Westar Energy, and Mel Walters)

9:40 – 10:00  Power Pole Modification Document/Eagle Compensatory Mitigation: Sherry Liguori

10:00 – 10:25  Break

10:25 – 11:50  APP Implementation Roundtable: Presentations and panel discussion on APP implementation approaches, challenges, lessons learned, etc.

• Pepco Holdings Avian Protection Plan, Christina Frank, Pepco Holdings (10:25 – 10:40)

• SRP/APS’s Avian Protection Plans, Lesley Swanson, SRP, Jennifer Moore, APS (10:40 - 10:55)

• Free slot, (10:55 – 11:10)

• APP Retrofitting: Technical Aspects & Lessons Learned, Sherry Liguori (11:10-11:30)

• Eagle Take Permit update PG&E, Mike Best, (11:30 – 11:50)

11:50 – 12:00  Q&A Discussion and Course Conclusion

12:00 – 1:20  Lunch
Open Business Meeting

Call-in Number: 1-800-882-3610, passcode 5986041

1:20 – 1:30  Welcome (Mike Best)
1:30 – 1:50  Peregrine Fund Ridgeway hawks - Dominican Republic (Ron Spencer)
1:50 – 2:20  Western golden eagle conservation team (Brian Woodbridge and Greg Beatty, USFWS either phone or in person)
2:20 – 2:40  Arizona bald eagle nest watch program (Tuk Jacobson Arizona Game and Fish)
2:40 – 3:00  Arizona lead free ammunition program (Allen Zufelt, Arizona Game and Fish)
3:00 – 3:15  Break
3:15 – 3:35  BirdsVision case study (Dana Small, Pepco Holdings, Dr. Ofer Bahat BirdsVision)
3:35 – 3:50  Mitigation for migratory bird habitat (all)
3:50 – 5:00  Working Group Updates:
            3:50 – 4:00  Whooping Crane (USFWS, APLIC)
            4:10 – 4:20  Prairie Chicken (USFWS, APLIC)
            4:20 – 4:30  Sage-grouse (USFWS, APLIC)
                              ▪ Regulatory updates: Gunnison Proposed Listing,
                              BLM/FS LUP Updates, FWS Conservation Actions Database
                              ▪ APLIC BMP document update
            4:30 – 4:45  USFWS updates (Lesley Kordella, USFWS)
            4:45 – 5:00  Migratory Bird Working Group (Mike Best)
            4:50 – 5:00  Eagles (USFWS, APLIC)
5:00 – 5:10  Open Business Meeting Discussion/Roundtable
5:10 – 5:15  Wrap-up & Adjourn