

NW Wind Energy and Wildlife Workshop

TIME	TOPIC	SPEAKER
DAY 1		
8:00	Welcome / Logistics/ Objectives	Blake Murden , Director of Wildlife & Fisheries, Port Blakely Tree Farms, LP; President, Washington State Chapter, The Wildlife Society
Session 1 Basics - Moderator: Jeri Wood, Terrestrial Renewable Energy Coordinator, U.S. Fish and Wildlife Service		
8:10	Electricity, Wind and transmission	Bob Thresher , Research Fellow National Renewable Energy Lab
	Transmission Planning & Design	Tom Tjoelker , PacifiCorp
	Minimizing Bird Electrocutions and Collisions	Sherry Liquori , Avian Program Manager, PacifiCorp
9:20	Q&A - Discussion	
9:35	BREAK	
Session 2 Permitting, regulations, and guidance - Moderator: Stef Stavarakas, Renewable Energy Section Manager, Washington Department of Fish and Wildlife		
9:50	Overview of Federal Regulations (MBTA, BGEPA, ESA)	Special Agent, U.S. Fish and Wildlife Service
	National Wind Turbine Guidelines	Jeff Underwood , Deputy Assistant Director FHC, U.S. Fish and Wildlife Service
	Golden Eagle permitting	Vanessa Loverti , Migratory Bird Specialist, U.S. Fish and Wildlife Service
	State guidelines - WA	Travis Nelson , Renewable Energy Section Manager, Washington Department of Fish and Wildlife
	State guidelines - OR	Sara Parsons , Senior Business Developer, Iberdrola Renewables
11:30	LUNCH - ON YOUR OWN	
	Permitting in Klickitat County, WA	David McLure , Water Resource & Habitat Program Coordinator, Klickitat County, Washington
	Siting Implementation	Dana Peck , Senior Developer, enXco
1:10	Q&A - Discussion	
Session 3 Overview of biology, surveys, potential vs. Known effects, conservation measures,		
1:25	Eagles / Raptors,	Grainger Hunt , Senior Scientist, The Peregrine Fund
	Bats,	Cris Hein , Coordinator Bats & Wind Energy Cooperative, Bat Conservation International
	Other wildlife	Wally Erickson , Statistician/Project Manager, WEST Inc.
	Potential Indirect Effects	Lynn Sharp , Senior Ecologist, Tetra Tech EC
2:55	Q&A - Discussion	
3:10	BREAK	
Session 4 Innovative monitoring and mitigation - Moderator: Jeff Everett, Renewable Energy Section Manager, Washington Department of Fish and Wildlife		
3:25	Low-tech solutions: Simple & Effective / Basics of Minimization	Sara Parsons , Senior Business Developer, Iberdrola Renewables
	Weather and Portable Radar	Robb Diehl , Research Ecologist, U.S. Geological Survey
	Advances in Post-construction monitoring	Manuela Huso , Research Biological Statistician, U.S. Geological Survey FRESC
concludes	Q&A - Discussion	
DAY 2		
Session 5 Lessons learned - Moderator: Barb Bresson, Avian Program Manager, U.S. Forest Service		

8:00	Wind Energy & Marbled Murrelets: knowing what we don't know Applications & Limitations of Collision Modeling Lessons from the gas / oil fields - Big Game Lessons from the gas / oil fields - Grouse	Thomas Hamer , Senior Biologist Hamer Environmental Brian Cooper , Vice President/Senior Scientist ABR, Inc, Environmental Research and Services Dale Strickland , President & Senior Ecologist, Western EcoSystems Technology, Inc. Matt Holloran , Senior Ecologist, Wyoming Wildlife Consultants LLC
9:20	Q&A - Discussion	
9:35	BREAK	
Session 6 Map-based risk assessment and decision support tools - Moderator: Jeff Everett,		
9:50	Transmission siting: Options for improvement Landscape Assessment Tool Other map-based efforts	David Solan , Director, Energy Policy Institute, Center for Advanced Energy Studies Taber Allison , Director of Research and Evaluation, AWWI Audrey Hatch , Project leader, Washington Department of Fish and Wildlife
10:50	Q&A - Discussion	
11:10	LUNCH - ON YOUR OWN	
Session 7 The big picture - Moderator: Lance Hebdon, Inter-Governmental Policy Coordinator,		
12:10	Consistent methods and metrics: can we make it happen Large-scale Coordinated Monitoring, etc. Cumulative Effects – Putting mortality in context Need for Certainty Industry Challenge and Perspective Wind Business and Operating aspects	Taber Allison , Director of Research and Evaluation, AWWI Jerry Roppe , Wind Operations Wildlife Permitting Compliance Manager, Iberdrola Renewables Wally Erickson , Statistician/Project Manager, WEST Inc. Jim Lynch , Attorney, K&L Gates Rich Rayhill Rich Rayhill
2:10	Q&A - Discussion	
2:25	BREAK	
2:45	Guided - Open Discussion: Wind Development & Wildlife Issues & Collaboration Panel will consist of a selection of previous speakers representing industry, NGO, and government (no presentations, just discussion)	Rich Rayhill, David McClure, Jeff Underwood, Travis Nelson, Dale Strickland
Closing		
4:00	Summary of last 2 days & Conclusory Presentation and Thank you	Jeff Underwood , Deputy Assistant Director FHC, U.S. Fish and Wildlife Service
4:30	OPTIONAL: Field Trip discussion and logistics for 6/9	Iberdrola Presentation
DAY 3 OPTIONAL FIELD TRIP*		
7:00	Moro, OR - Iberdrola *Field Trip is approximately 2.5 hour drive outside of Portland, OR	