

Wyoming's Wind Energy Future An Emerging Issues Forum

Convened by
the University of Wyoming

Ruckelshaus Institute of
Environment and Natural Resources

School of Energy Resource's Center for
Energy Economics and Public Policy

With support from

Stroock Forum on Wyoming Lands and People
Center for Law and Energy Resources in the Rockies
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MARIAN ROCHELLE GATEWAY CENTER
MONDAY OCTOBER 2, 2017

- 7:30–8:00 am **Registration desk open**
Continental breakfast
- 8:00–8:15 am **Welcome from the conveners**
Melinda Harm Benson, Dean, Haub School of Environment and Natural Resources
Mark Northam, Executive Director, School of Energy Resources
- 8:15–8:30 am **Welcome**
Treasurer Mark Gordon
- 8:30–9:45 am **Setting the Stage**
Robert Godby, UW Energy Economics and Public Policy Center
State, national, and global energy trends; grid integration; market forces and other drivers of wind energy development
- Wind energy technology and an evolving western energy grid**
Jonathan Naughton, Wind Energy Research Group
Existing and proposed wind developments; technological trends in wind developments; energy storage; transmission limitations and opportunities
- 9:45–10:15 am **Break**
- 10:15–10:45 am **Fiscal impacts of wind development to towns, counties, and Wyoming**
Dan Noble, Wyoming Department of Revenue
Wind revenue projections, distribution of revenue (towns, counties, state), current and prospective tax structures

- 10:45 am –12:00 pm **Perspectives from wind developers**
Moderator: Nathan Wendt, Jackson Hole Center for Global Affairs
Juan Carlos Carpio Delfino, Viridis Eolia
Paul Martin, Intermountain Wind
Aron Branam, EDP Renewables
Ryan Jacobson, Power Company of Wyoming
- Lunch plenary **Cindy Crane, President and CEO, Rocky Mountain Power**
- 1:30 pm–3:00 pm **Community development and business opportunities**
What do Wyoming communities stand to gain and lose from future wind development?
- Moderator: Treasurer Mark Gordon
Representative Mike Madden, Wyoming
Jerimiah Rieman, Economically Needed Diversity Options for Wyoming (ENDOW)
Rick Grant, landowner and Converse Co. Commissioner
Jason Eddy, L&H Industrial, Inc.
Riata Little, Casper Area Economic Development Association
- 3:00–3:30 pm **Break**
- 3:30–5:00 pm **Values, viewsheds, and western identity**
Managing multiple values in the West
- Moderator: Milward Simpson, The Nature Conservancy Wyoming
Senator Cale Case, Wyoming
Loyd Drain, Energy Consulting
Carly-Ann Caruthers, Alliance for Historic Wyoming
Kenneth Lay, Northern Laramie Range Alliance
- 5:00–7:00 pm **Reception, Gateway Center**

MARIAN ROCHELLE GATEWAY CENTER
TUESDAY, OCTOBER 3, 2017

- 7:30–8:00 am **Registration desk open**
Continental breakfast
- 8:00–10:00 am **Wind-wildlife impacts and emerging mitigation**
Emerging challenges and mitigation for Wyoming’s wildlife
- Climate change and wildlife—Embere Hall, Univeristy of Wyoming
Sage grouse—Chad LeBeau, Western Ecosystems, Inc.

Birds, bats, and habitat—Amanda Hale, Texas Christian University
Eagles—Taber Allison, American Wind-Wildlife Institute
Mitigation through siting—Holly Copeland, The Nature Conservancy, Wy

10:00–10:30 am **Break**

10:30am–12:00 pm **Wind and wildlife—managing Wyoming’s unique resources**
Environmental tradeoffs of wind energy development—local to global

Moderator: Taber Allison, American Wind-Wildlife Institute
Embere Hall, University of Wyoming
Alison Holloran, Audubon Rockies
Connie Wilbert, Sierra Club
Dave Young, Western EcoSystems, Inc.

12:00–1:00 pm **Lunch**

1:00–2:30 pm **Existing regulatory structure and opportunities for public involvement in Wyoming’s wind future**
Current regulatory process of wind and ideas for improving policies and public processes where needed.

Moderator: Larry Wolfe, formerly with Holland and Hart, Haub School advisory board
Roxane Perruso, Power Company of Wyoming
Jennifer Scoggin, Holland and Hart
Cindy DeLancey, Wyoming Business Alliance
Bill Russell, Public Service Commission

2:30–3:00 pm **Break**

3:00–4:30 pm **Planning and siting for wind energy in Wyoming**
What’s needed to craft proactive county-level plans and a coherent statewide approach to wind energy development? Managing the opportunity to maximize benefits and minimize costs. Next steps.

Moderator: Steve Smutko, University of Wyoming
Mark Milburn, LS Power
Juan Carlos Carpio Delfino, Viridis Eolia
Ryan Lance, Sweetwater River Conservancy
Senator Greg Brophy, Wray, Colorado
John Espy, Carbon County Commission

4:30–5:00 pm **Audience comments and suggestions**