

# Chokecherry and Sierra Madre Wind Energy Project Regulatory Overview

UW Emerging Issues Forum  
Laramie, Wyoming  
October 3, 2017

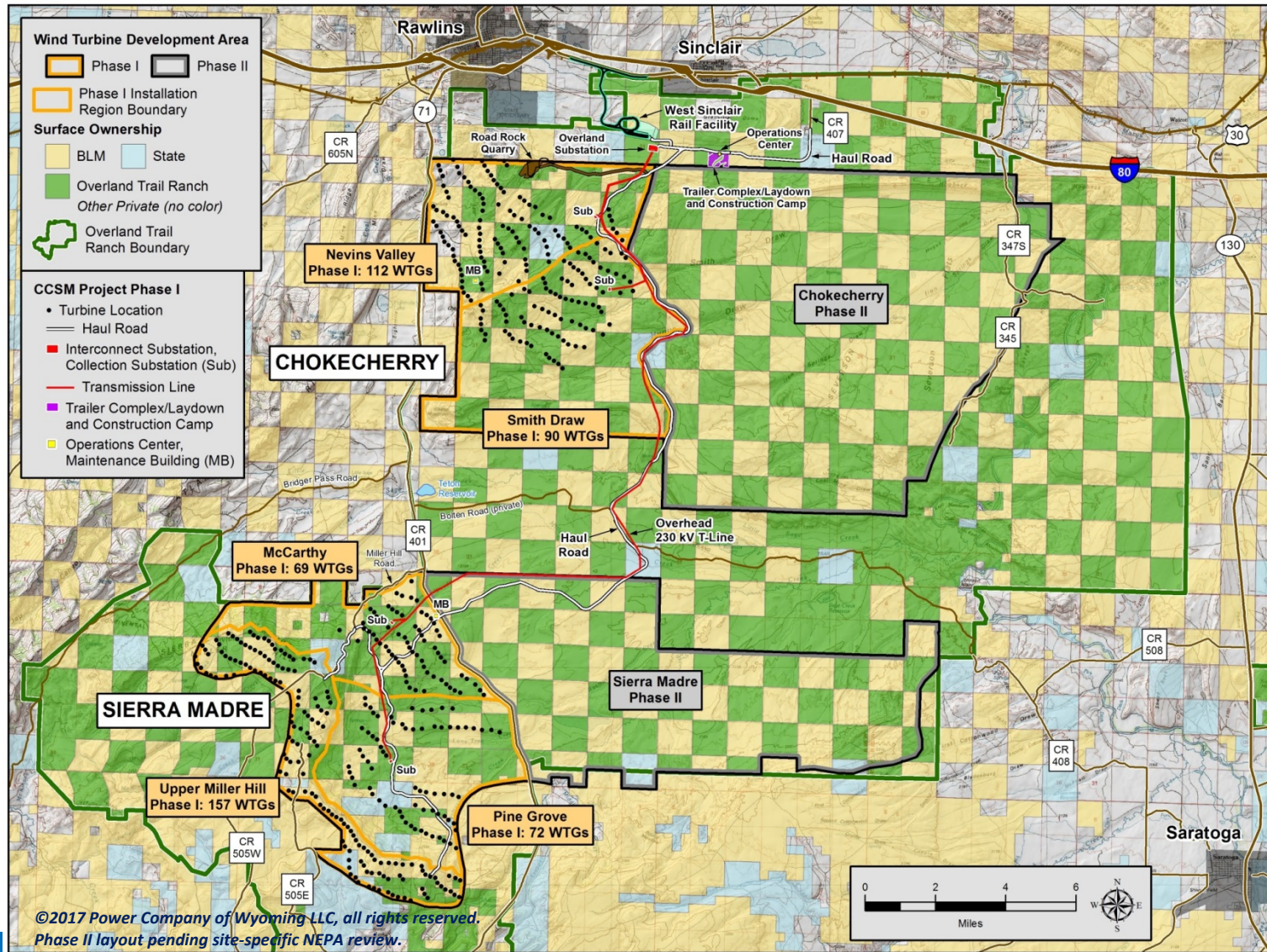


# The Anschutz Corporation



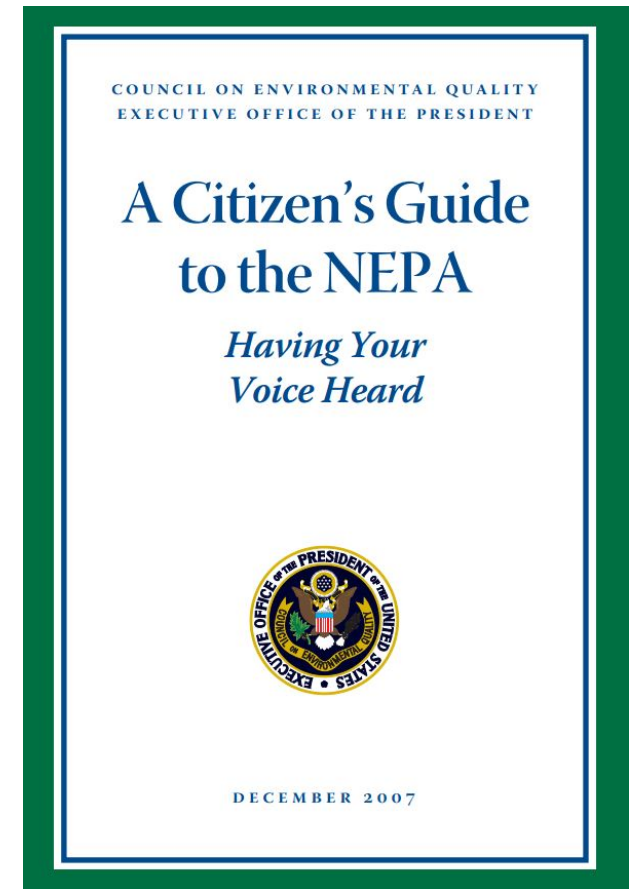
# Power Company of Wyoming LLC

## Chokecherry and Sierra Madre Wind Energy Project



# Development on BLM-Managed Lands

- BLM must comply with the National Environmental Policy Act
  - Environmental Impact Statement
  - Multi-step, multi-year analysis
- PCW as the Project proponent:
  - ROW application
  - Plan of Development
  - BLM Cost Recovery Agreement
  - Pay for third-party EIS contractor





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# Significant Government/Public Involvement In Federal Analysis

- Multiple Cooperating Agencies for the EIS
  - State of Wyoming, Carbon County, City of Rawlins, SER and Little Snake River Conservation Districts, Northern Cheyenne Tribe
- BLM project-wide EIS
  - Public scoping period and four open houses, July-September 2008
  - Draft EIS comment period and two open houses, July-October 2011
  - Final EIS public review period, July-August 2012
- BLM Environmental Assessment 1
  - Two public scoping open houses, September 2013
  - Two draft EA open houses, August 2014
- BLM Environmental Assessment 2
  - Two public scoping open houses, December 2013
  - Two draft EA open houses, March 2016
- Multiple additional community open houses and meetings hosted by PCW, and regular PCW updates provided at local public meetings

**The Bureau of Land Management's Draft Environmental Impact Statement for the Chokecherry and Sierra Madre Wind Energy Project is now available.**

BLM will hold two open house meetings so people can learn more about the Draft EIS document and provide comments to be considered in the Final EIS.


Monday, Aug. 22, 2011 4 p.m. to 7 p.m. Jeffrey Memorial Community Center in Rawlins	Tuesday, Aug. 23, 2011 4 p.m. to 7 p.m. Platte Valley Community Center in Saratoga
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Review the Draft EIS on BLM's project website:  
<http://www.blm.gov/wy/st/en/info/NEPA/documents/rfo/Chokecherry.html>

Get more information about Wyoming's largest proposed wind power plant and its economic and environmental benefits:  
[www.powercompanyofwyoming.com](http://www.powercompanyofwyoming.com)

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**Power Company of Wyoming LLC**




## You Are Invited

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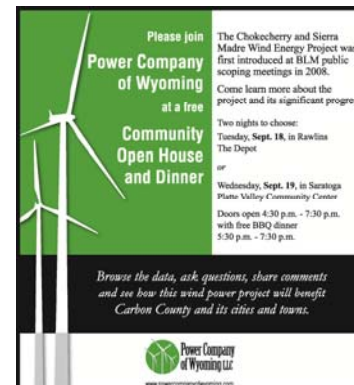
# CCSM Project CUP Permit Process

- Pre-application meetings held with Planning & Zoning, Emergency Response, Road & Bridge, Weed & Pest
- Provided written notice to all landowners within 1 mile of CCSM Project and all cities/towns within 20 miles (over 600 individual notices)
- Provided written notice to all owners of mineral rights under CCSM Project (over 150 notices)
- Published legal notice to owners of mineral interests three times in local newspapers
- Published legal notice twice at least 20 days prior to BOCC public hearing on the CCSM Project application
- Filed detailed CCSM Project application
- P&Z Commission public hearing held Sept. 17, 2012
- Carbon County Board of County Commissioners public hearing Oct. 2, 2012
- Ongoing annual reports presented to and filed with the P&Z Commission



# Significant Government/Public Involvement in ISC Permit Process

- Hosted 7 public meetings in September 2012
  - Rawlins, Saratoga, Baggs, Medicine Bow, Laramie, Rock Springs, Casper
- Provided notice via certified mail to local governments, school districts, other districts
- Published multiple public and legal notices and advertisements
- ISC public hearing held August 5-6, 2014
- 15 formal parties to the ISC permit proceeding
  - Carbon County, Albany County, Sweetwater County, Laramie, Rawlins, Saratoga, Encampment, Riverside, Elk Mountain, Hanna, Sinclair, Medicine Bow, SER Conservation District, Voices of the Valley, Wyoming Building & Construction Trades Council
- Ongoing quarterly reports filed with the ISD



# Strong, Science-Based Environmental Approach To Avoid, Minimize Wildlife Impacts

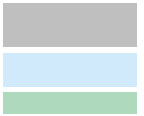


# Estimated CCSM Project Bonds Posted for Decommissioning and Reclamation

	BLM Land	Non-Federal Land	Total
Phase I	\$65,329,000	\$86,025,000	\$151,354,000
Phase II	\$53,164,000	\$60,893,000	\$114,057,000
<b>TOTAL</b>	<b>\$118,493,000</b>	<b>\$146,918,000</b>	<b>\$265,411,000</b>

Notes: Decommissioning and reclamation costs assume no scrap value. Decommissioning and reclamation costs are always bonded for in advance of the associated construction, following a schedule approved by the Wyoming Industrial Siting Division and the BLM. The BLM and the State of Wyoming will review PCW's estimated costs every five years and if those costs have increased, PCW will be required to increase the bonds it has posted.

# Estimated CCSM Project Taxes Paid in Wyoming



Tax Stream	Estimated Total
WY property taxes	\$406,288,723
WY sales/use taxes	\$232,417,348
WY wind electricity generation taxes	\$207,765,000
<b>TOTAL</b>	<b>\$846.5 million</b>

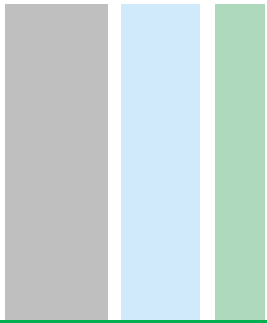
Notes: All estimates based on tax rates and data as set forth in PCW's updated tax revenue estimates provided to the Wyoming Department of Revenue in August 2016. The estimates include a 26-year tax projection to capture initial construction and 20 years of operation. Additional taxes will be paid if equipment is replaced or upgraded. Generation taxes apply after a turbine has been in operation for three years.

# CCSM Project Permitting Milestones

## By the numbers

- Nov. 2016 = 10 years of federal review
- 2 EIS's and 2 EA's, to date
- 25,000+ pages of permitting/analysis
- 1,500+ separate requirements to avoid/minimize/mitigate impacts

Phase I Wind Development (500 turbines, ~1,500 MW)			
Agency	Permit / Decision	Status	Schedule
Bureau of Land Management	Environmental Impact Statement Record of Decision for site for wind development	Issued	October 2012
Carbon County	Conditional Use Permit	Issued	October 2012
Wyoming	Wyoming Industrial Siting Permit	Issued	September 2014
Bureau of Land Management	Environmental Assessment 1 Decision Record for Phase I Infrastructure	Issued	December 2014
Bureau of Land Management	Right-of-Way Grant for Phase I Infrastructure	Issued	August 2016
Bureau of Land Management	Environmental Assessment 2 Decision Record for Phase I Turbines	Issued	January 2017
Bureau of Land Management	Right-of-Way Grant for Phase I Turbines	Issued	August 2017
U.S. Fish and Wildlife	Environmental Impact Statement Record of Decision for Phase I Eagle Take Permits	Issued	January 2017
U.S. Fish and Wildlife	Eagle Take Permit – Standard (Construction) Eagle Take Permit – Programmatic (Operation)	Issued Pending	March 2017 Expected Q4 2017
Phase II Wind Development (500 turbines, ~1,500 MW)			
Bureau of Land Management	Environmental Assessment 3 Decision Record for Phase II Infrastructure	Pending	Expected Q4 2017
Bureau of Land Management	Environmental Assessment 4 Decision Record for Phase II Turbines	Submit 2018	Expected 2019
U.S. Fish and Wildlife	Environmental Assessment Record of Decision for Phase II Eagle Take Permits	Submit 2018	Expected 2019
Bureau of Land Management	Right-of-Way Grant for Phase II turbines	After ETP	Expected 2019



**For More  
Information**

[www.powercompanyofwyoming.com](http://www.powercompanyofwyoming.com)

