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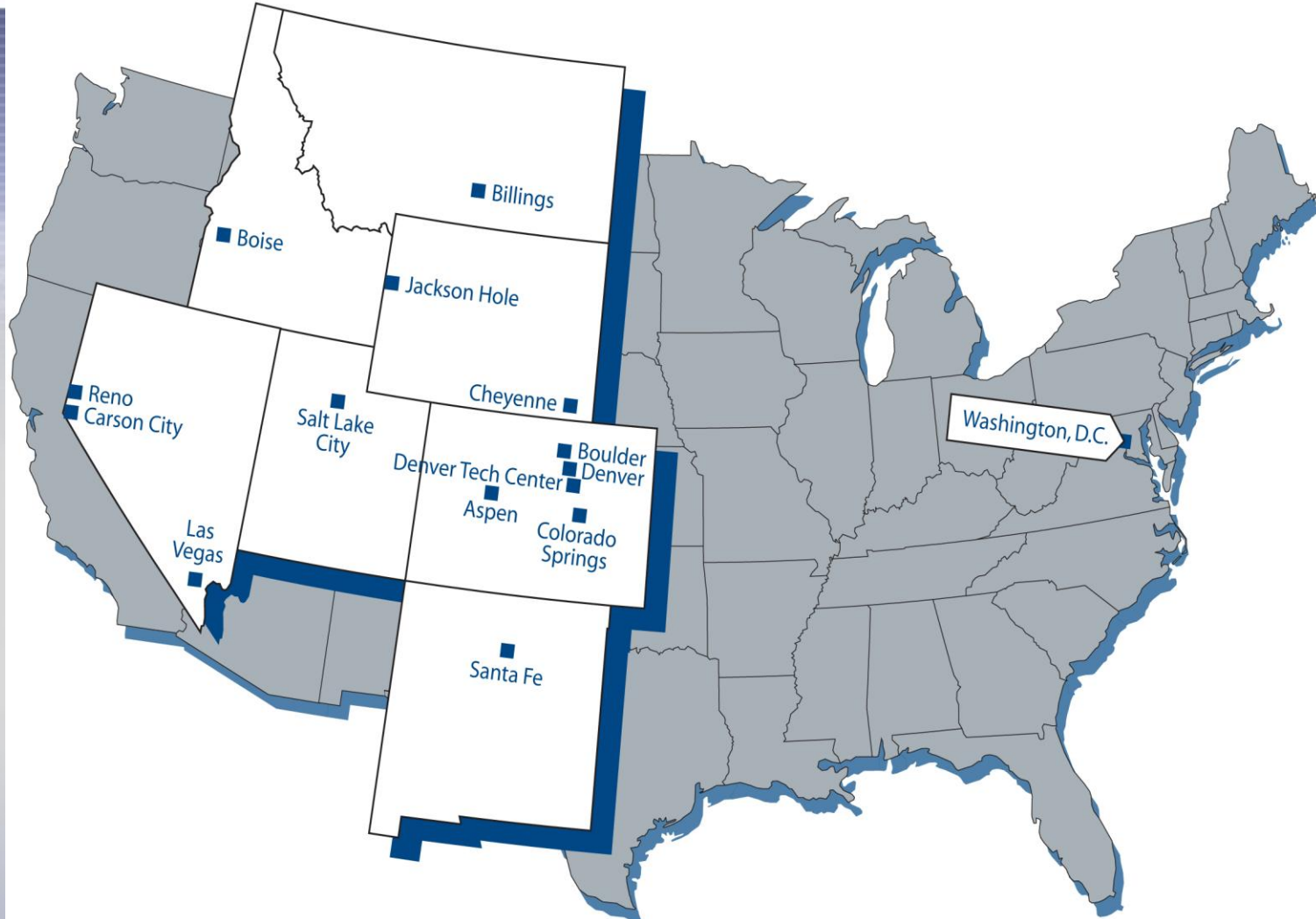


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**The IPP Landscape:**  
**Colorado, Wyoming, New Mexico, Montana and Nevada**  
by Bob Pomeroy  
September 16, 2009

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# Holland & Hart's IPP Footprint



# WREZ Map

## Legend

### Hydro projects (MW)

- 1 - 10
- + 10 - 100
- 100 - 500
- 500+

### Geothermal projects (MW)

- 8 - 10
- + 10 - 100
- ▲ 100 - 500
- ▲ 500+

### Canadian wind projects



### Wind resource

#### NREL wind power class (50m)

- 3
- 4
- 5
- 6
- 7

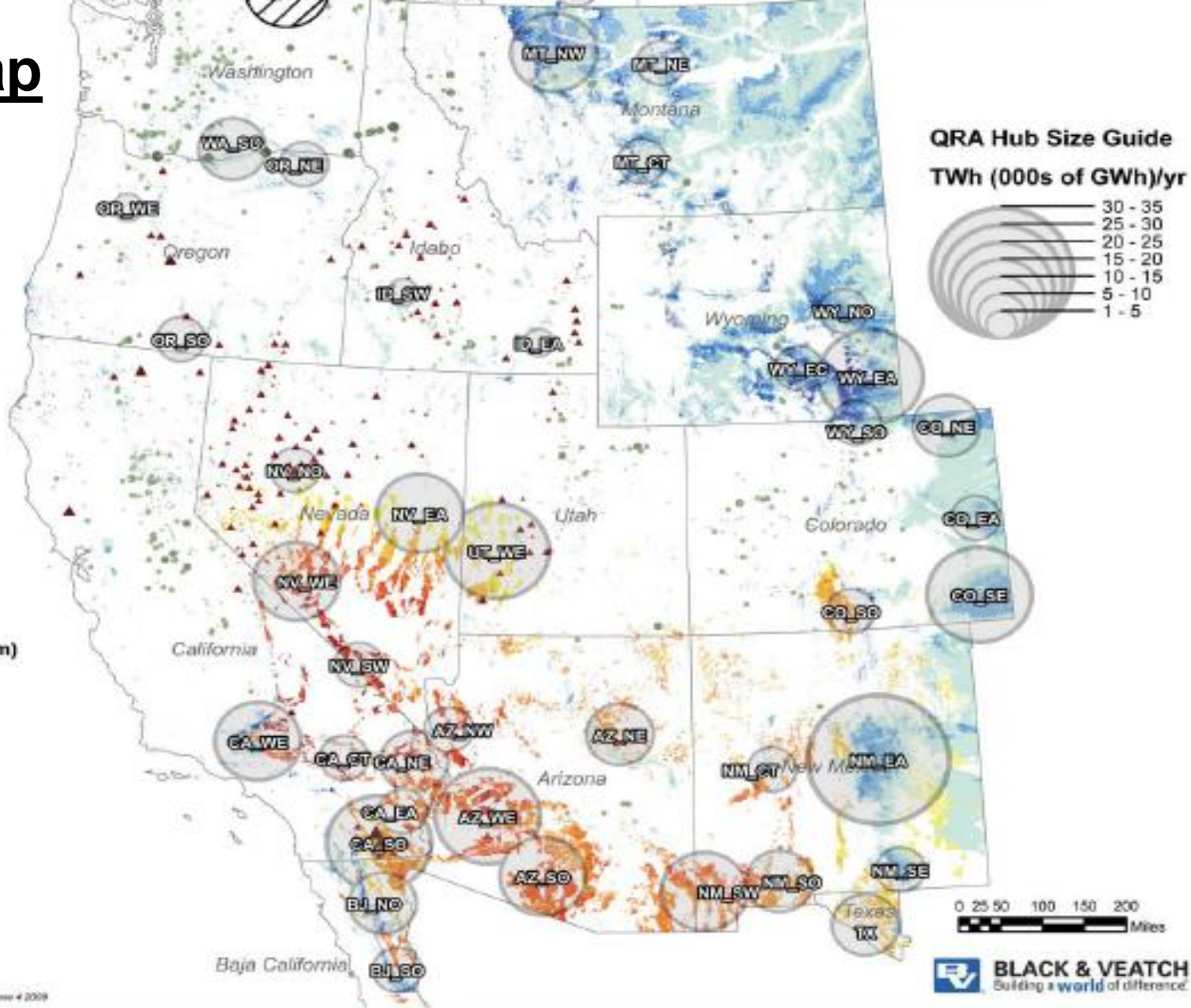
### Solar thermal resource

#### DNI (kWh/sqmr/day)

- 6.5 - 6.75
- 6.75 - 7
- 7 - 7.25
- 7.25 - 7.5
- 7.5+

## QRA Hub Size Guide

### TWh (000s of GWh)/yr



Created by Josh Pien, Cristin Robinson and Ryan Pletka, June 4 2009

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# Challenges on WREZ's Eastern Edge



- With modest in-state markets, and remote locations, 3 challenges persist:
  - Transmission
  - Transmission
  - Transmission

# Holland & Hart White Paper



## Transmission Siting in the Western United States:

Overview and Recommendations  
Prepared as Information to the  
Western Interstate Energy Board

August 2009

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# Colorado



- WREZ Future: Wind and Solar?
- Colo. Indep. Energy Assn.
- Robust Competitive Bidding
- Water Constraints
- City/County Role in Transmission

# Wyoming



- WREZ Future: Wind?
- Wyo. Power Producers Coalition
- The Gov. & Tax Treatment
- Counties & Local Opposition:  
NIMBY/CAVE/BANANA/NOPE
- “...where the Buffalo roam, and...
- ...the Deer and the Antelope...

...and the Sage Grouse play”



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# New Mexico



- WREZ Future: Wind and Solar?
- NM Indep. Power Producers
- Water Constraints
- Counties & Local Opposition:  
NIMBY/CAVE/BANANA/NOPE
- Wildlife Habitat & Open Spaces  
Fragmentation - Linear Facilities

# Montana



- WREZ Future: Wind?
- MT IPP Group (to be formed?)
- All renewable energy bills failed
- Energy policy study underway (Energy & Telecom Interim Comm.)
- Staff reports now done: state lands, wind integration and transmission



# Nevada



- WREZ Future: Solar & Geothermal?
- NV IPP Group (to be formed?)
- 12 renewable/energy bills passed:
  - Tax Abatement
  - Energy Commission
  - Transmission-deficient Energy Zones
  - Third-party generation allowed on customer side of meter up to 150% of customer's load
- New rulemakings underway at PUCN



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