

# Policy Development for Wind Resources

---

Sean Brady  
Regional Policy Manager – East

Strategies to promote sustainability in the energy sector. Develop an understanding of the drivers behind policy development and how to translate sustainable policies into sustainable practices



# Policy Targets



## REGULATORY AGENCIES



## ENVIRONMENTAL ORGANIZATIONS

### CONSUMER ADVOCATES

- Citizen's Utility Board's
- Utility Consumer Counselor's

## UTILITIES



- Missouri
- Illinois
- Transmission



## LEGISLATORS



Courtesy of Missouri State Archives



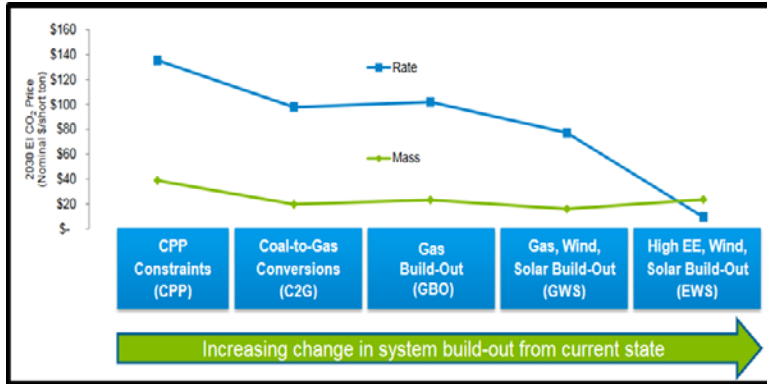
# Promoting Wind

---

1. Clean Power Plan
  - a. MISO's analysis
  - b. Moving wind from targeted wind zones to market
2. Transmission advocacy in Missouri and the Midwest
3. An increasingly flexible grid can handle more renewables
4. MISO's proposed changes to interconnection that affect wind resources
5. Local development issues:
  - a. stable tax structures
  - b. production tax credit
  - c. start or increase an RPS

# MISO's Analysis of

## Clean Power Plan



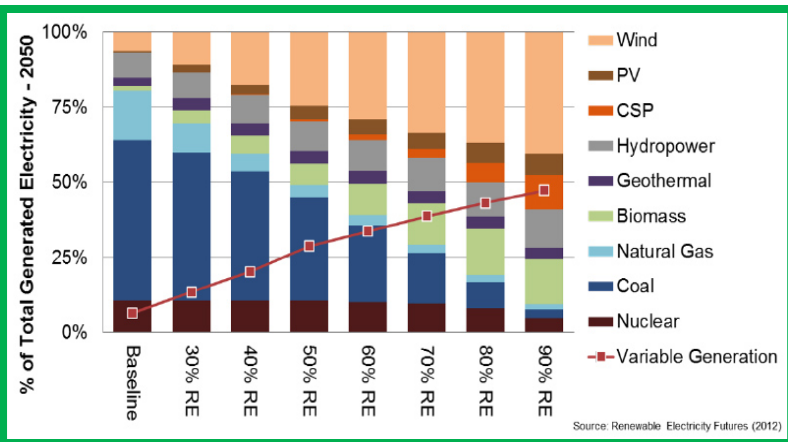
State	CPP	C2G	GBO	GWS	EWS
IN	Light Green	Light Green	Light Green	Light Green	Light Green
SD	Light Green	Light Green	Light Green	Light Green	Light Green
IL	Light Green	Light Green	Light Green	Light Green	Light Green
IA	Light Green	Light Green	Light Green	Light Green	Light Green
MO	Light Green	Light Green	Light Green	Light Green	Light Green
MN	Light Green	Light Green	Light Green	Light Green	Light Green
LA	Dark Blue	Light Green	Light Green	Light Green	Light Green
TX	Light Green	Light Green	Light Green	Light Green	Light Green
MI*	Dark Blue	Light Green	Light Green	Light Green	Light Green
MS	Light Green	Light Green	Light Green	Light Green	Light Green
KY	Light Green	Light Green	Light Green	Light Green	Light Green
WI	Light Green	Light Green	Light Green	Light Green	Light Green
AR	Light Green	Light Green	Light Green	Light Green	Light Green
ND	Light Green	Light Green	Light Green	Light Green	Light Green

## MISO's Findings NEED TO:

- be informative for CPP stakeholders
- identify and explain factors leading to efficient emission reductions
- provide information that can supplement state CPP analyses

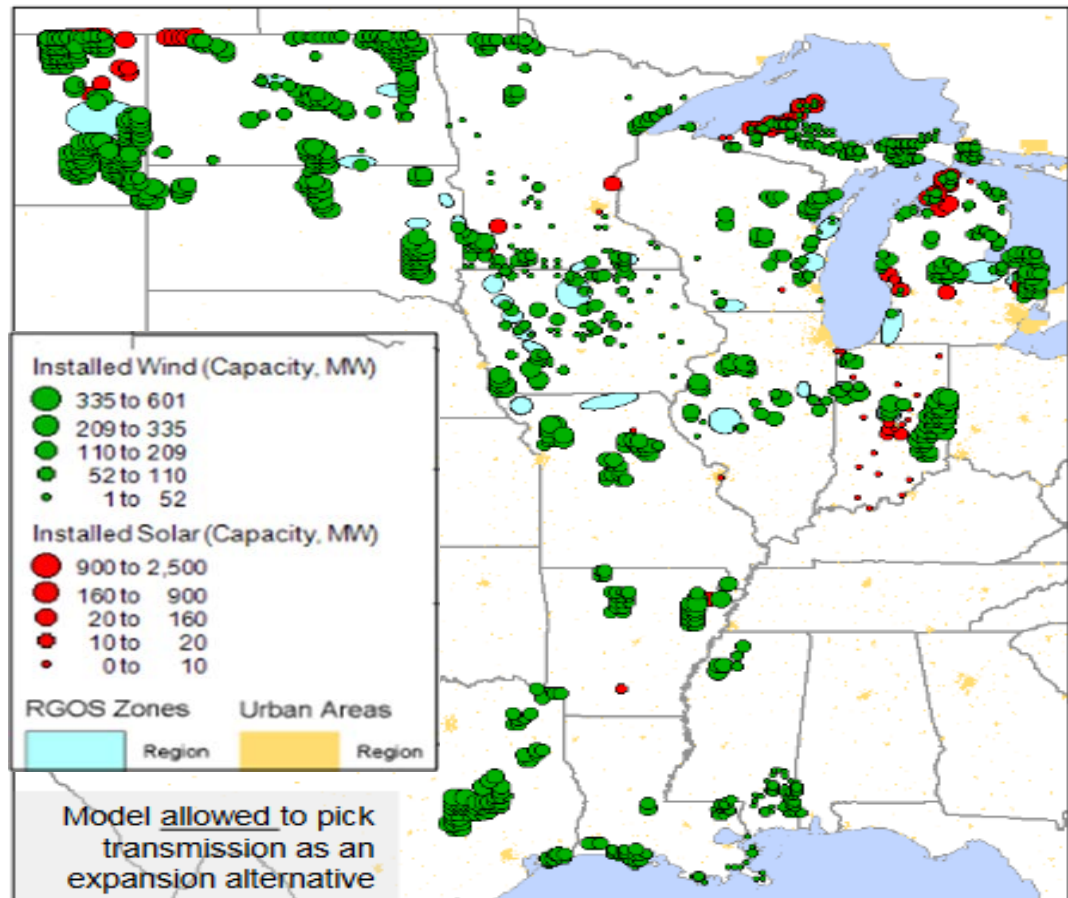
# Renewable Resources in 2050

Longer-term vision – identifying renewable resources zones that can cost effectively reduce emissions and meet energy needs beyond 2030



Optimizes fleet using Renewables & Nat Gas

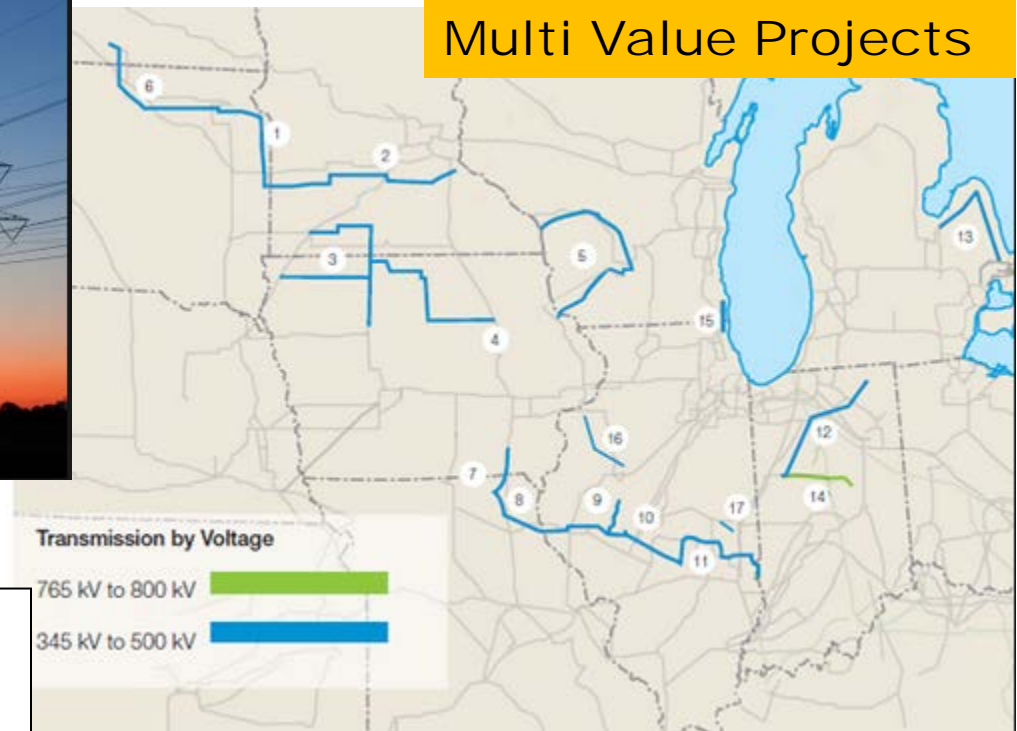
**Coal = 0 GW**  
**Nat Gas = 182 GW**  
**Wind 217 GW**  
**Solar = 125 GW**



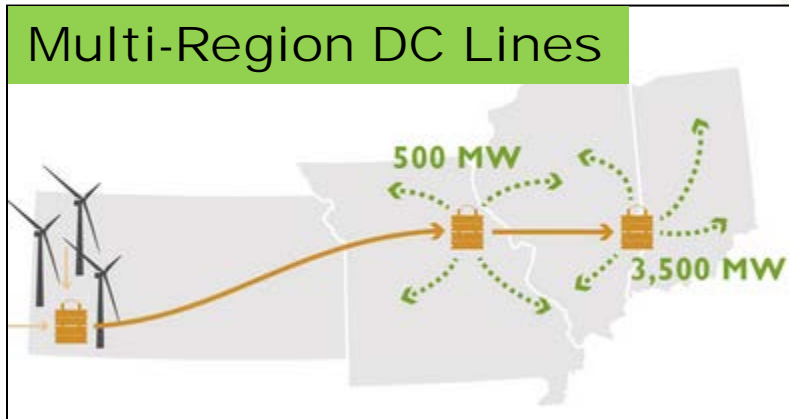
# Local Advocacy for Transmission



## Multi Value Projects



## Multi-Region DC Lines



- Participate in certificate of need cases
- Explaining the need and layers of benefits a line can provide

# Increasing Grid Flexibility

- Add least cost systems to overcome congestion or dispatch issues
  - Balancing energy over larger areas
  - Remotely controlling wind resource dispatch
  - Fast response generation
  - Demand Response
  - Time of Use Pricing/The Connected Home
  - Battery storage





# Interconnection of Wind Resources



- Advocating for RTO policies that allow wind to maximize its strengths for the benefit of the region:
  - Non-discriminatory queue processes and payments
  - Allow generators to backfill open queue positions
  - Equal treatment of similar generators
  - Proper allocation of transmission line costs



# State Level Policies

---

- Known tax limits for property and personal property
- Production Tax Credit
- Increase or create an RPS
- Transmission analyses/ planning/whitepapers



# Thank you

**Sean R. Brady**  
**Regional Policy Manager**  
**Wind on the Wires**  
**[sbrady@windonthewires.org](mailto:sbrady@windonthewires.org)**

