



Iowa Utility Association

Securing Iowa's Energy Future



Chaz Allen



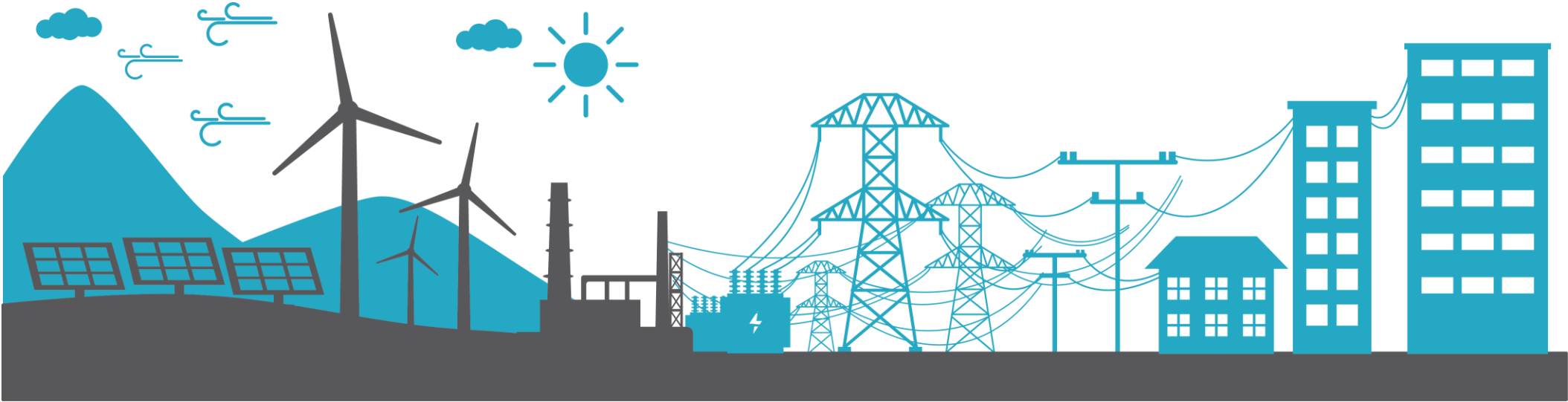
- Experience
 - Long Distance & Investor Owned Telecom, 1997 -2010
 - MCIWorldsom
 - Iowa Telecom
 - Mayor of Newton, Iowa 2004 - 2012
 - Iowa State Senator 2015 - 2019
 - Executive Director Iowa Utility Association 2019 - Present

Who We Are

- Iowa's investor-owned electric, natural gas, and transmission utilities
- Serve the majority of electric and natural gas customers in the state of Iowa
- Other utility providers include rural electric cooperatives and local municipal utilities



A Utility in Action

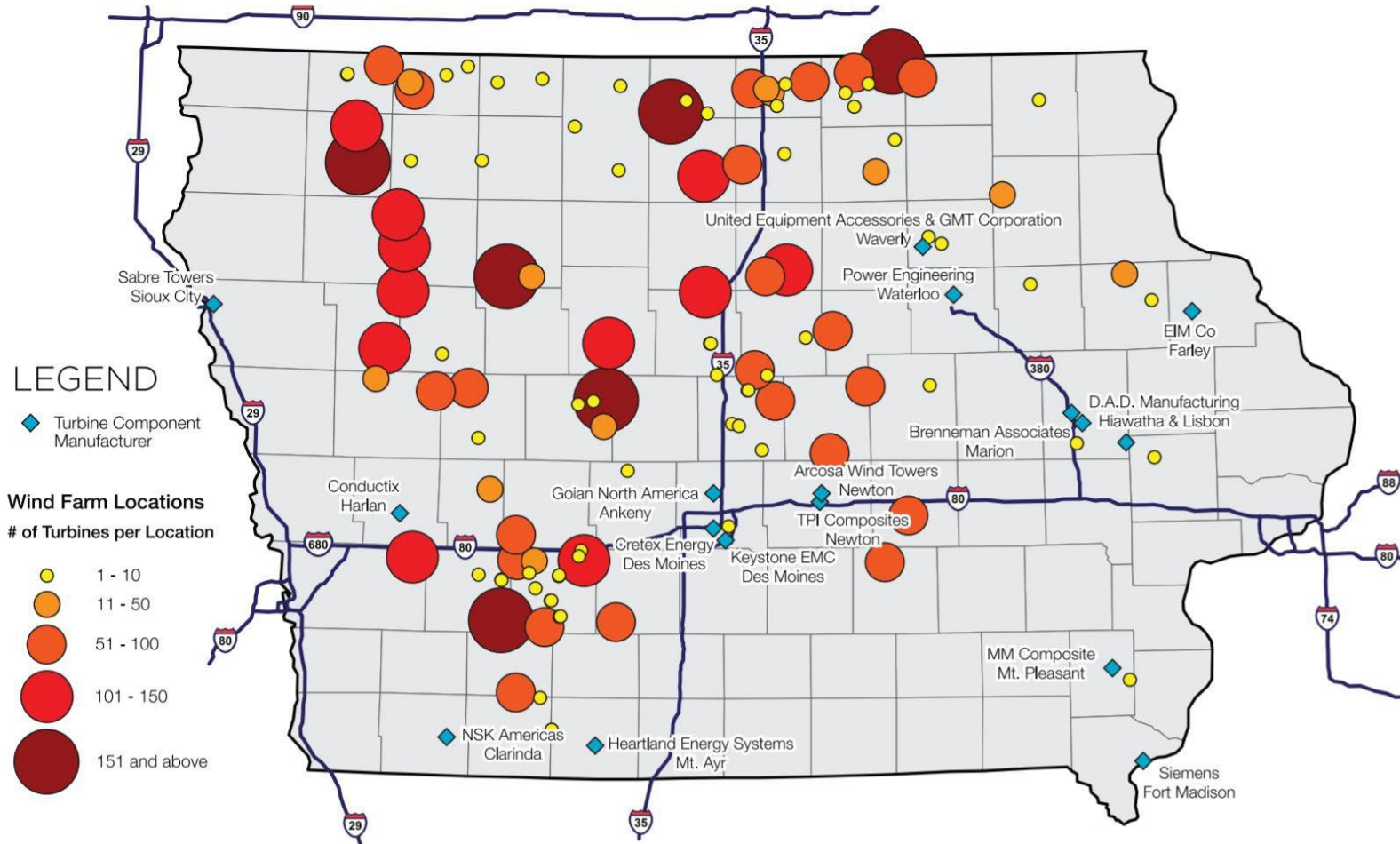


Iowa's Renewable Energy

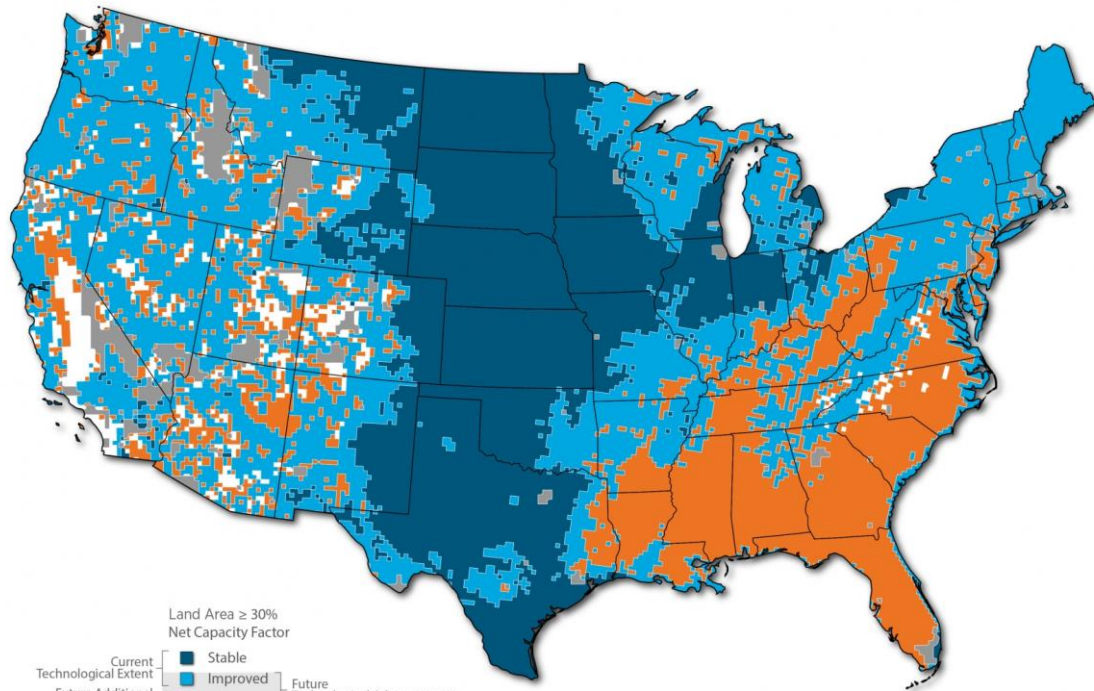
- In 1983, Iowa became the first state in the nation to adopt a renewable portfolio standard (RPS).
- 2022, nearly two-thirds of the total electricity net generation came from renewable resources, almost all of it from wind.
- #2 wind power producer, after Texas.
- 2023, Iowa had about 12,800 megawatts of in-state generating capacity fueled by renewable energy sources at utility-scale power facilities.

Source: U.S. Energy Information Administration, 2022 Profile

Iowa's Wind Footprint



Wind Corridor

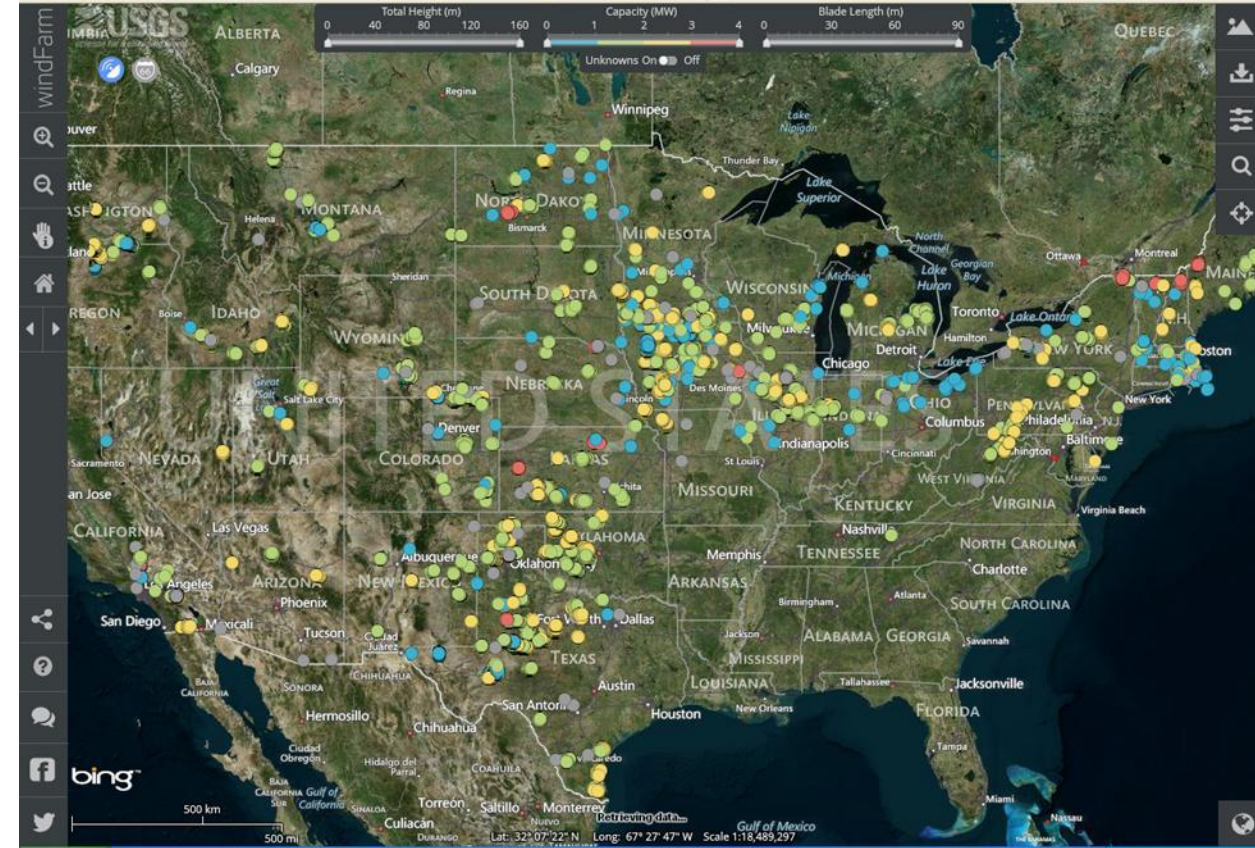


Land Area \geq 30%
Net Capacity Factor

Current Technological Extent	Stable	Future Technological Advancements
Future Additional Technological Extent	Improved	
No Development Potential	New	
	Negligible	
	Excluded	

This map illustrates general wind resource potential only and is not suitable as a siting tool. More detailed site and wind speed data, as well as coordination with relevant authorities, are needed to thoroughly evaluate appropriate wind energy development at any given location.
Data sources: AWS Truepower, National Renewable Energy Laboratory

This map was produced by the
National Renewable Energy Laboratory
for the US Department of Energy.
March 2015



Current Projects



Proposed \$3.9 Billion Wind Prime

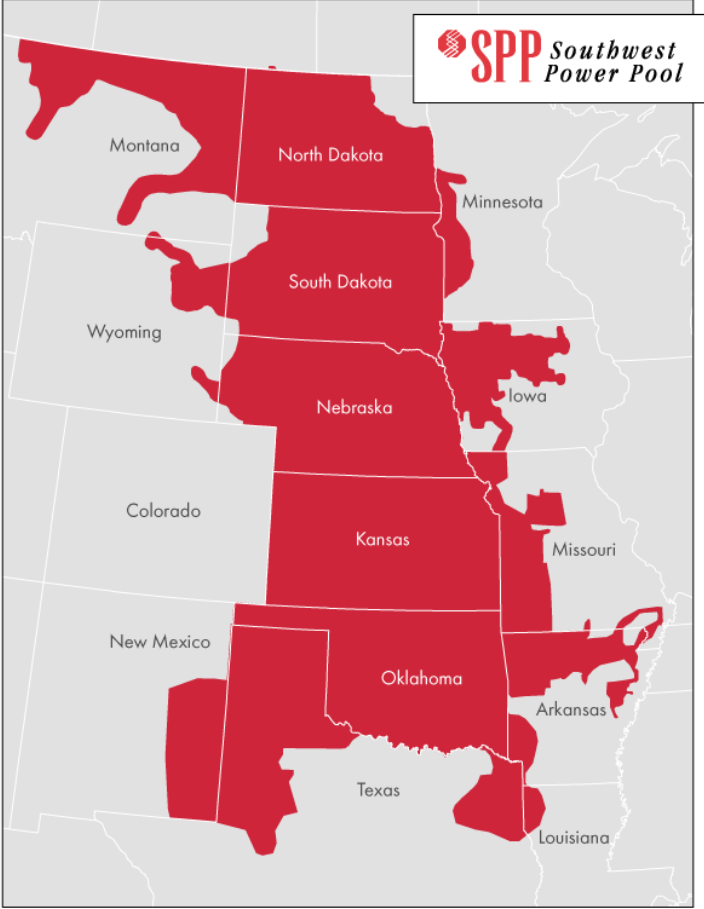
- 2,042 Megawatts of Wind
- 50 Megawatts of Solar
- Conduct Feasibility Study
 - Carbon Capture
 - Energy Storage
 - Small Modular Nuclear Reactor



Approved \$1 Billion Clean Energy Blueprint

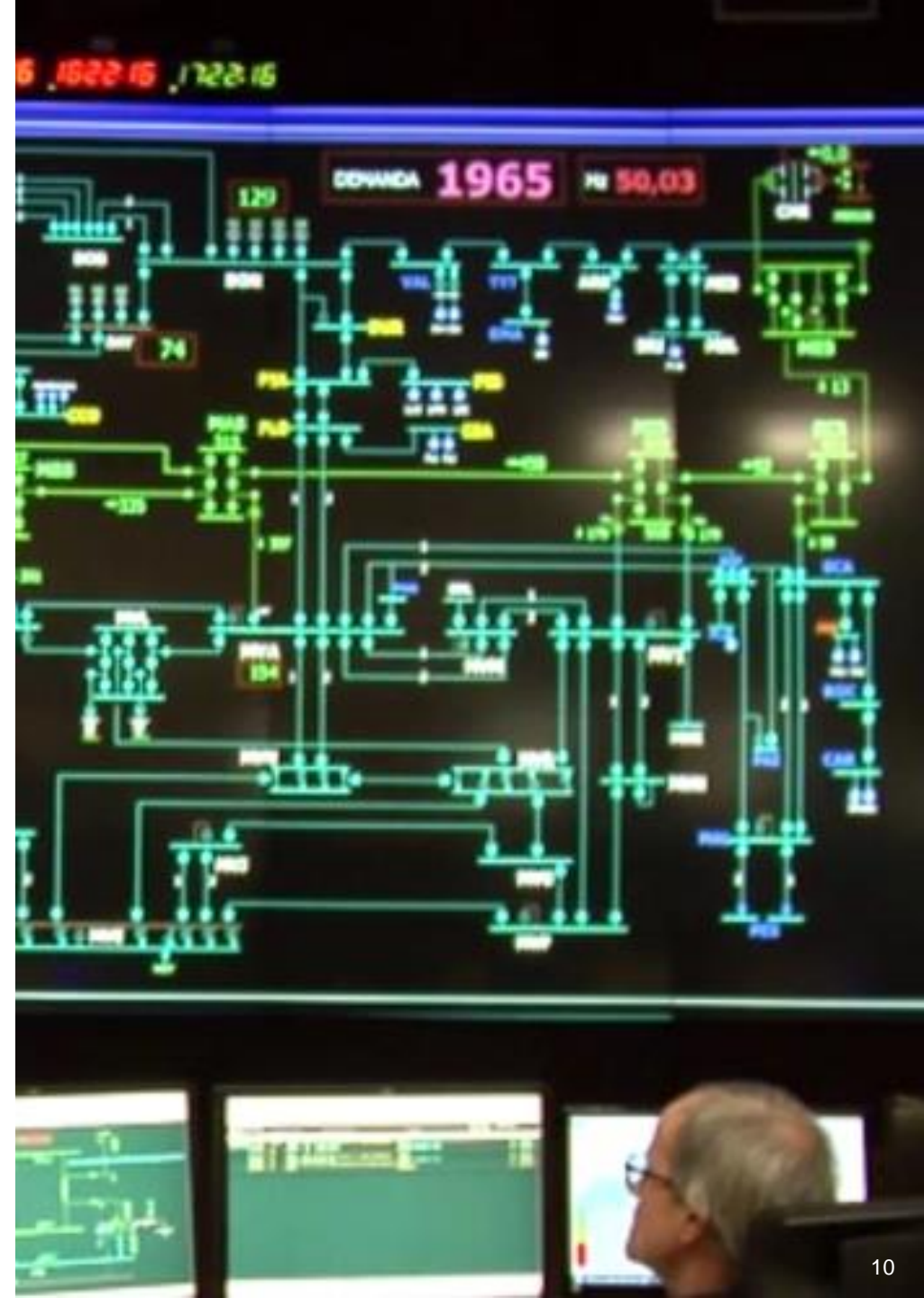
- 50 Megawatts Creston Solar
- 150 Megawatts of Solar Wever Project
- 200 Megawatts of Solar at Duane Arnold
- Postponed: 75 Megawatts of energy storage

MISO & SPP



Infrastructure and Grid Security

- Provide safe and reliable service
 - Upgrades and expansion projects
 - Maintenance on existing equipment
- Critical for customers' security
 - Engage in national security drills
 - Cross-functional work with local, state and federal officials
- Work with regulators and policy makers
- Global impact



Why Utilities Matter

- Important for Iowa's growth
 - Forward-thinking
 - Provide a competitive advantage
- Create sustainable energy while positively impacting the environment
- Strengthen and enhance the energy grid
 - New technology



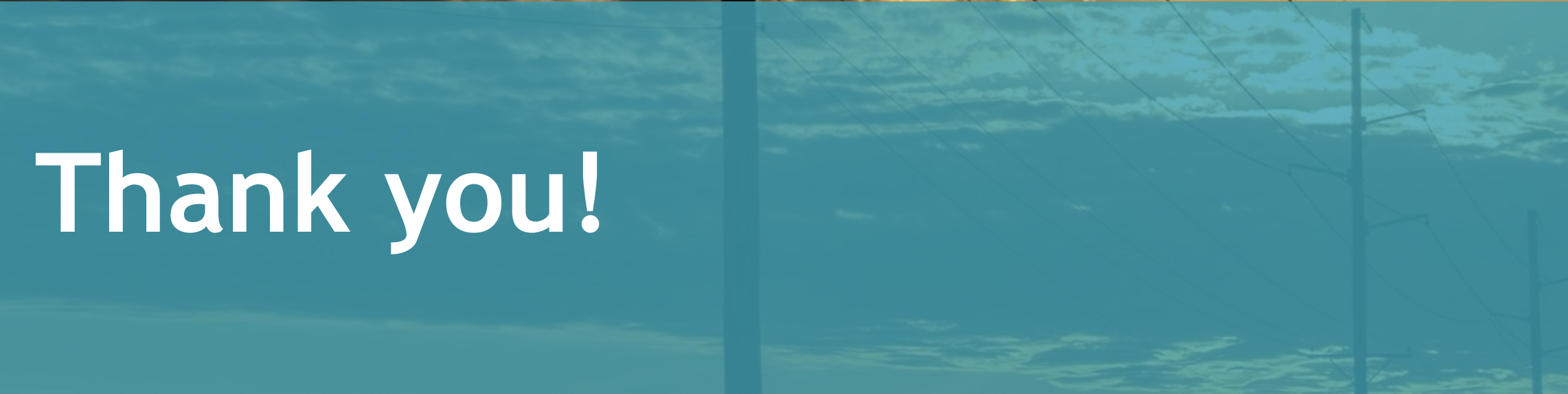
Listen To Your Peers

“With job creation and increasing wealth for Iowans as our top priorities, it is critical that we understand the state’s energy assets in order to maximize Iowa’s energy opportunities.”

— Iowa Governor Kim Reynolds

“Iowa recognizes energy as a key resource and an area of strategic importance to the state’s economy and economic development efforts.”

— Debi Durham, director,
Iowa Economic Development Authority



Thank you!

