

Oklahoma & Energy Efficiency

Kylah McNabb

2023 SPEER Annual Industry+Policy Conference

September 15, 2023



Evolving policy landscape



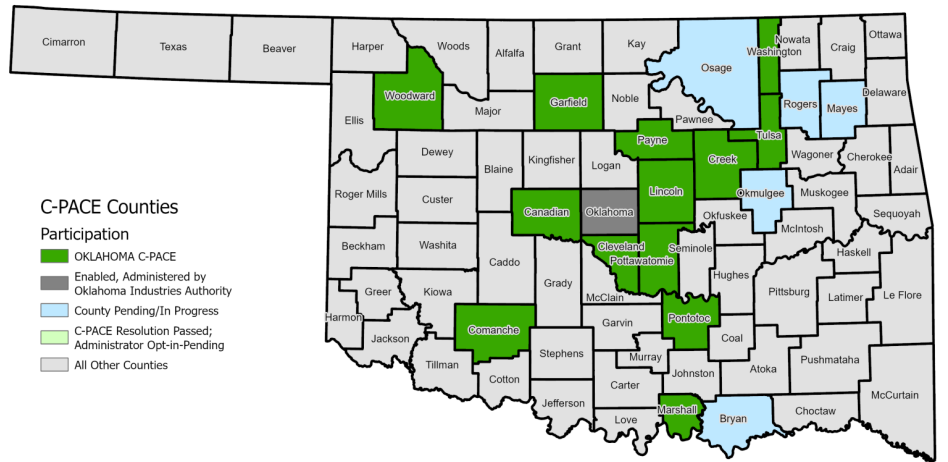
Traditionally a low-cost energy state...but for how long??



Energy efficiency in a state struggling to adapt to the new energy future

State Level EE Policy

- ▶ State buildings required to adopt planning and construction standards for state buildings that conserve energy and optimize the energy performance of new buildings. ([61 S.S. § 213](#))
- ▶ [Oklahoma Uniform Building Code Commission](#) oversees the rulemaking processes to adopt new building codes for the state.
- ▶ State Building Performance Based Efficiency Program (61 OS §212 and 62 OS §318)
 - ▶ <https://oklahoma.gov/omes/divisions/capital-assets-management/construction-and-properties/resources/performance-based-efficiency.html>
- ▶ Oklahoma C-PACE - <https://oklahomacpace.org>
 - ▶ County by county basis





The Office of **SUSTAINABILITY**

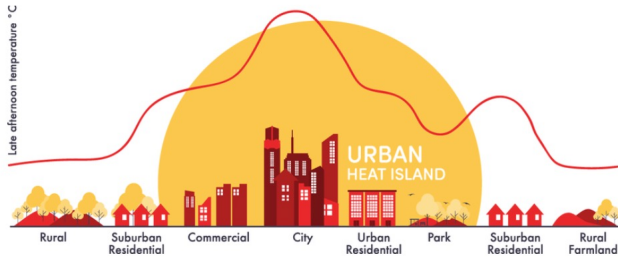





Figure courtesy of Kamyar Fuladlu, World Meteorological Organization

solarizeokc

City of Oklahoma City

- ▶ AdaptOKC - City Sustainability Plan
- ▶ NOAA Urban Heat Island mapping initiative
- ▶ SolarizeOKC Program - group buy solar

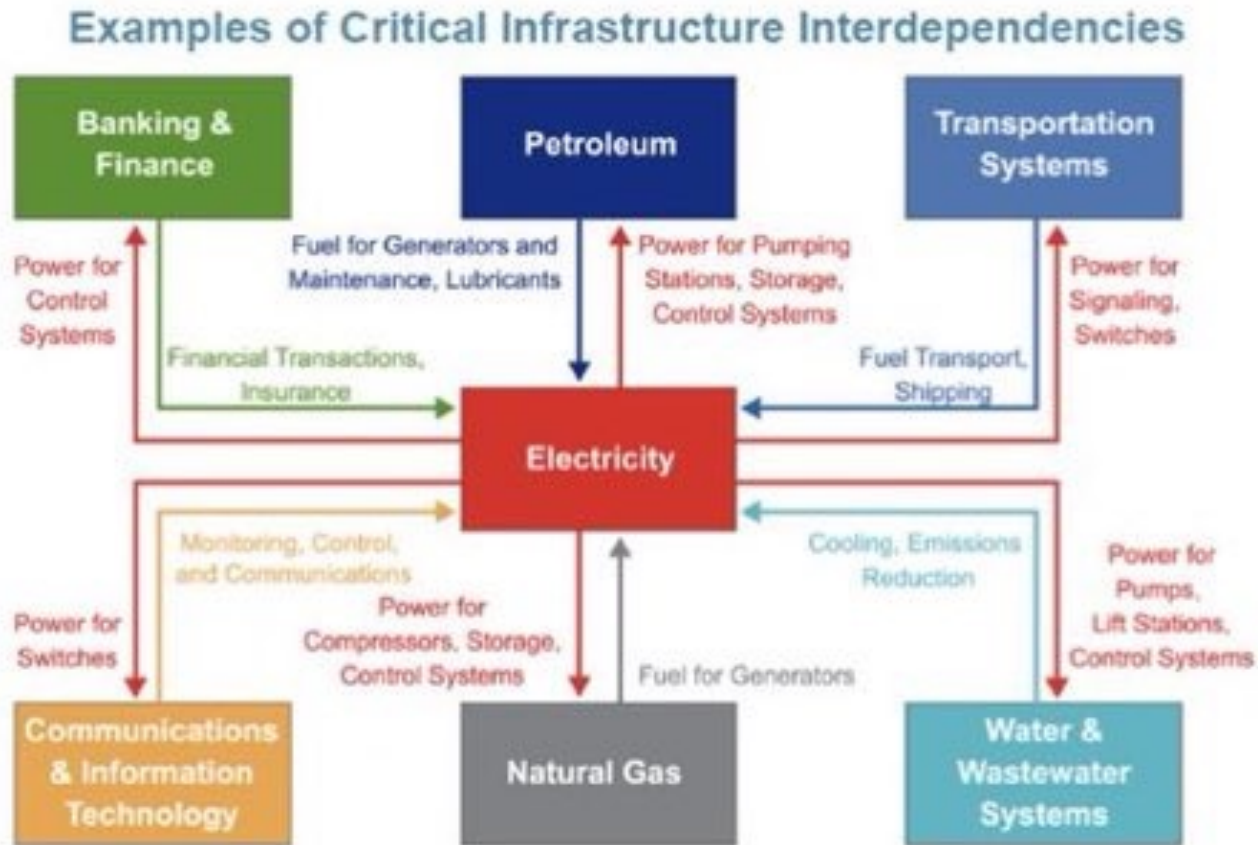
 <p>Residential Solar 1,366.62 kW <small>TIER 8 (\$2.45/watt)</small> ADDITIONAL INFO</p>	 <p>Commercial Solar 105.37 kW <small>Tiers based on system size</small> ADDITIONAL INFO</p>	 <p>Battery Storage 26 kW</p>
--	---	---

OSU-Industrial Assessment Center - Center of Excellence

- ▶ \$6.6 million to expand Industrial Assessment Center efforts across multiple states
- ▶ Support the expansion of existing assessment practices and development of new tools.
- ▶ Coordinate efforts with national and regional stakeholders.
- ▶ Support the development of materials and resources for the National Clearinghouse.
- ▶ Coordinate regional outreach activities.
- ▶ Mentor all the IAC directors, staff, and students regionally.
- ▶ Develop and train on new methods of delivering IAC assessments.
- ▶ Support student-focused activities.
- ▶ Forge new relationships and articulation agreements.
- ▶ Support regional and national clean-energy workforce development activities.



This Winter Storm Event Highlighted Interdependencies



Can we really say “that could never happen” again?

Bounds of economic theory of supply/demand for basis of energy pricing?

Increasing frequency and intensity of extreme weather events

Effect on vulnerable populations

2023 Roger Farrer Energy Conference: EnVision the Future!

October 10, 2023

**Nigh University Center, University of Central Oklahoma (UCO)
Edmond, Oklahoma**

Oklahoma's premier conference dedicated to energy efficiency, renewable energy, and associated technologies is back for 2023! Join fellow energy professionals for a one-day conference dedicated to topics including

- Renewable Energy
- Energy Efficiency
- Storage Technologies
- Policy
- Research & Development
- Project Deployment
- Green/Renewable Fuels
- Environmental & Sustainability
- Also included this year - Academic Poster Session!
- And More!





THANK YOU!

Kylah McNabb

Vesta Strategic Solutions, LLC

kmcnabb@vestastrategicsolutions.com

405.830.7307

