

Connecting Air Quality and Energy Management Resources for Regional Programs

How SPEER, CELC, and TEA-UP Support Regional Collaboration



Agenda

- ✓ Who is SPEER?
- ✓ Q&A/ Discussion





Who is SPEER?

- **REEO: Regional Energy Efficiency Organization**
- **Member-based, non-profit 501(c)3 organization**
- **65+ members from a wide cross section of Energy Efficiency Industries**
- **Focused on Outreach Education and Collaboration on Clean Energy**





Who is SPEER?

SPEER's mission is to accelerate the adoption of advanced building systems and energy-efficient products and services in the South-central US.

Our Work

- ✓ **Policy**
- ✓ **Building Codes**
- ✓ **High Performance Buildings**
- ✓ **Local Government**

Our Members

- ✓ **Advocacy Orgs**
- ✓ **Cities**
- ✓ **ESCOs**
- ✓ **Manufacturers**
- ✓ **Trade Associations**
- ✓ **Utilities**





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SPEER's Role

- **Provides technical assistance to local governments and regional programs.**
- **Trains on energy codes, energy management systems, and efficiency strategies.**
- **Acts as a connector between policy, local action, and community needs.**





Why This Matters



Air quality and energy efficiency are directly linked (emissions → energy use).



Regional programs can maximize impact by aligning energy savings with air quality goals.



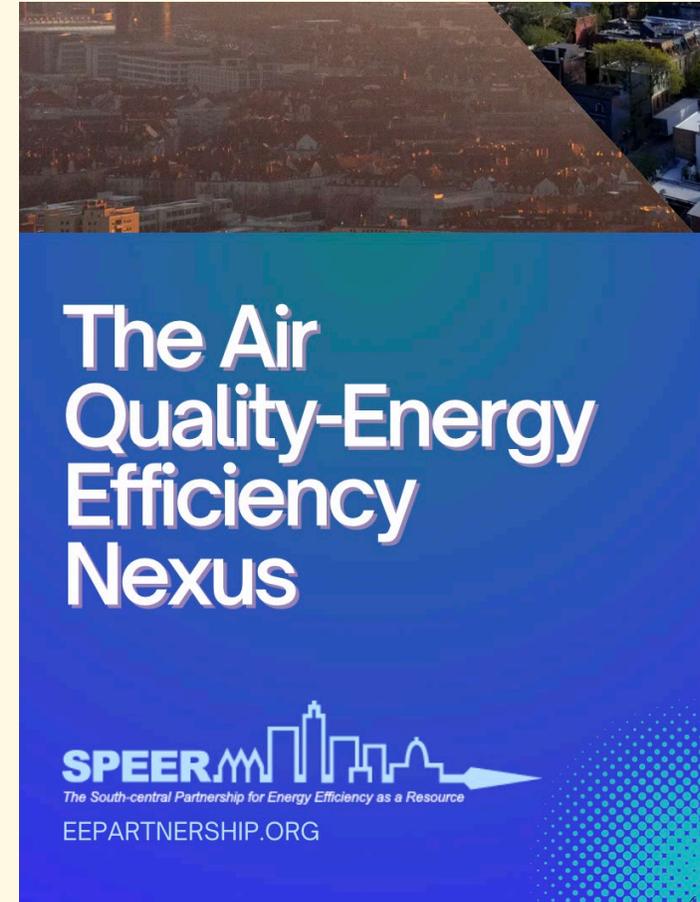
Federal & state funding opportunities are increasingly integrated across these topics.



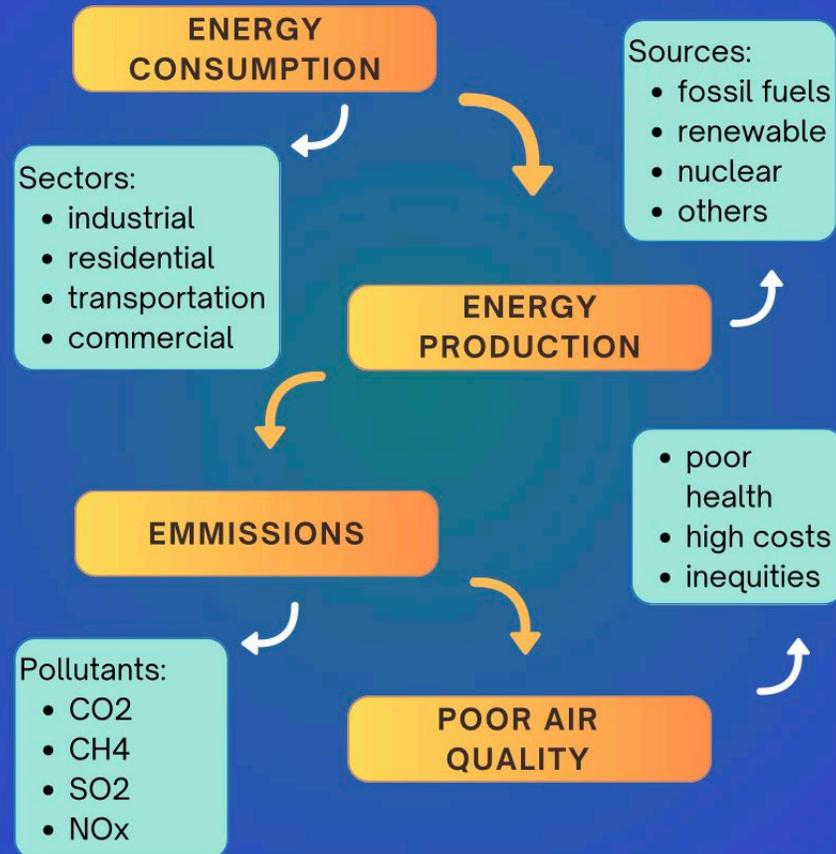
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Resources for Regional Programs

- **Online Training (in development): Practical guidance for local governments on integrating energy management & air quality.**
- **Storyboard (preview):**
- **Upcoming resources: fact sheets, case studies, and peer-exchange workshops.**



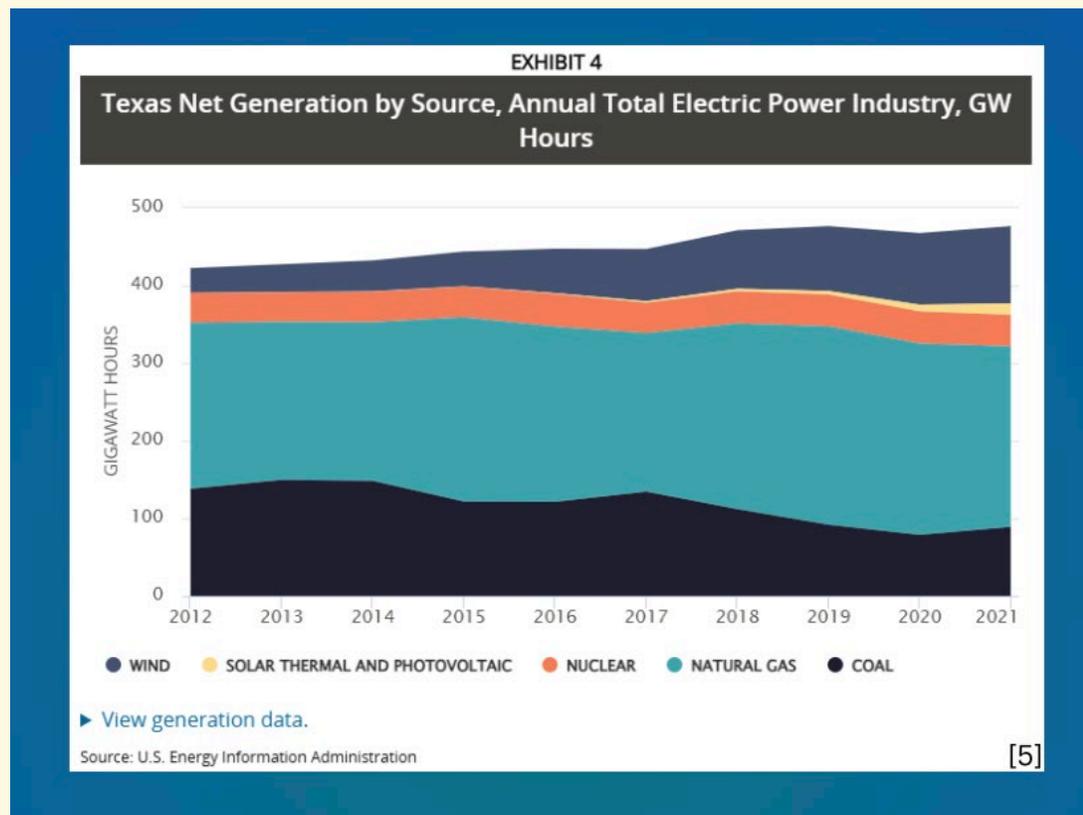
Energy and Air Quality





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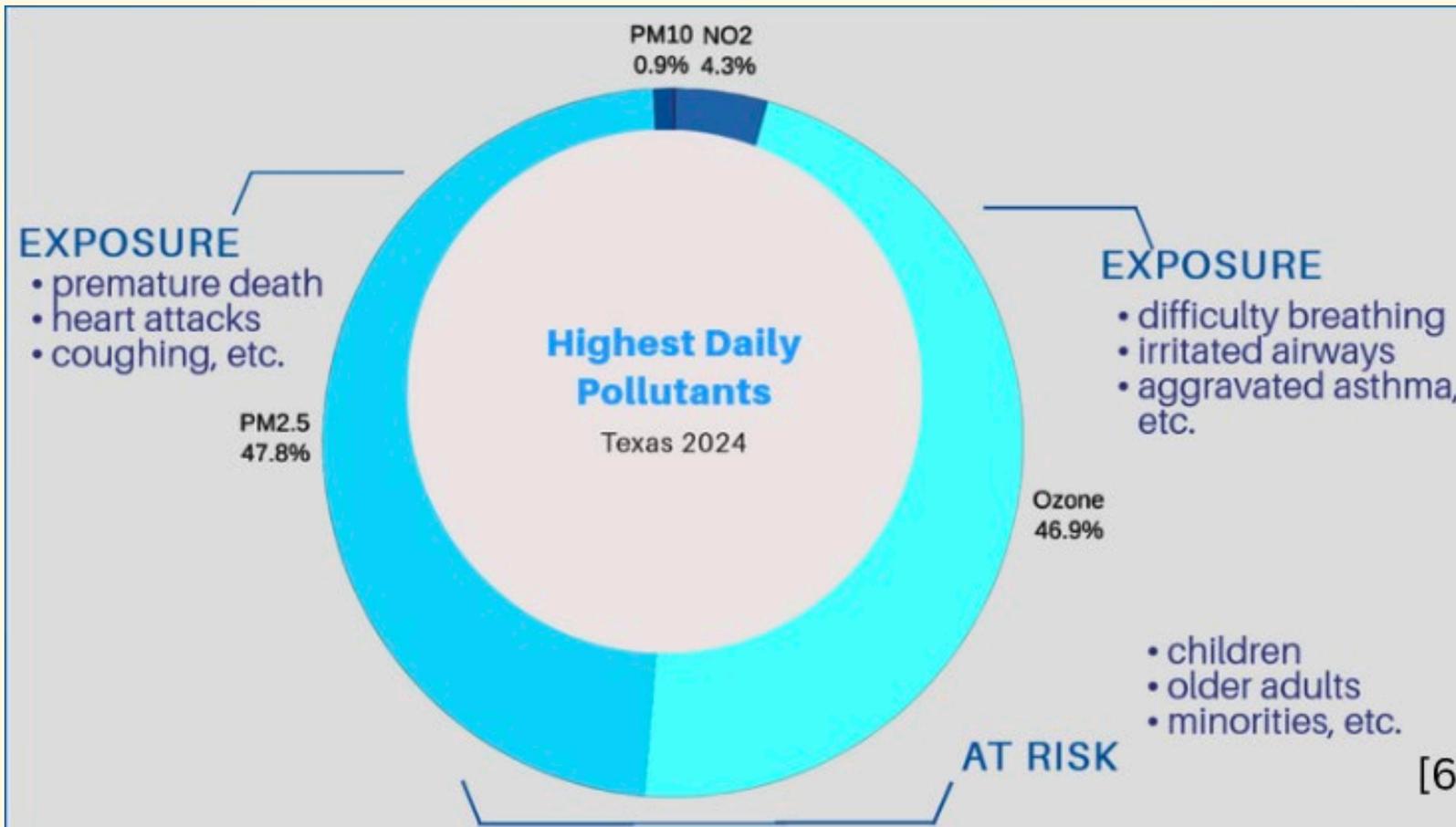
Energy Generation



- **Most air pollution comes from unclean energy production.**
- **An examination of most of the energy production is located in highly populated regions with the resources in rural areas.**



Highest Daily Pollutants

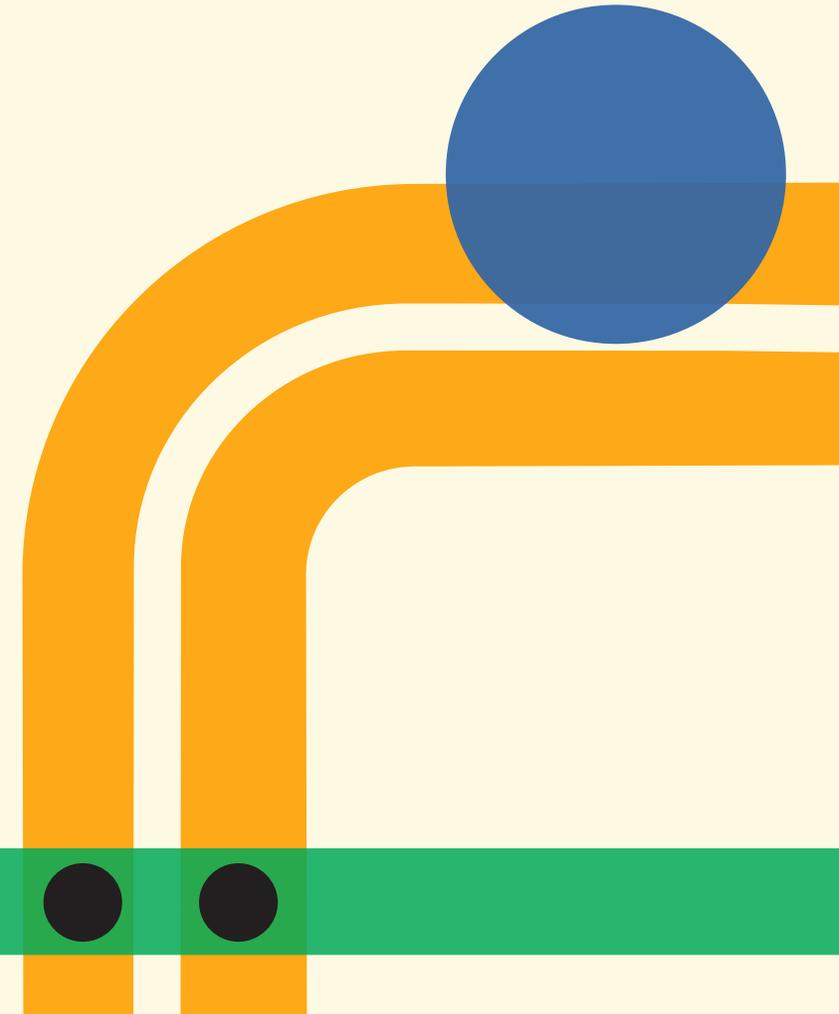




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CELC – Regional Collaboration

- **Brings together local governments, utilities, and nonprofits.**
- **Facilitates peer learning on energy management and air quality strategies.**
- **Examples:**
 - **Energy Efficiency & Planning**
 - **EV Ready Codes**
 - **Local Government Training**





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Current CELC Members - 2025

- **Alamo Area Council of Governments**
- **Allen Independent School District**
- **Austin Energy**
- **Austin Independent School District**
- **Capital Area Council of Governments**
- **CenterPoint Energy**
- **City of Austin Parks and Recreation**
- **City of Brownsville**
- **City of Corpus Christi**
- **City of El Paso**
- **City of Farmers Branch**
- **City of Fort Worth**
- **City of Longview**
- **City of Mesquite**
- **City of Richardson**
- **City of San Antonio**
- **City Of San Marcos**
- **City of Sugar Land**
- **Dallas College**
- **Development Services San Antonio**
- **EcoRise**
- **Edwards Energy Environmental & Waste Management**
- **Goose Creek CISD**
- **Harris County**
- **Houston-Galveston Area Council**
- **Mansfield Independent School District**
- **Mansfield ISD**
- **National Grid**
- **NCTCOG**
- **Pearsall ISD**
- **Tarrant County College**
- **Tarrant Regional Water District**
- **Texas PACE Authority**
- **Texas State University**
- **The University of Texas at Arlington**
- **The University of Texas at San Antonio**
- **Travis County**
- **Williamson County**
- **Williamson County Facilities Management**



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TEA-UP – Higher Education Connections

- **Engages universities and colleges across Texas.**
- **Provides research, innovation, and student projects linked to energy & air quality.**
- **Builds the future workforce to sustain regional programs.**



TEA  **UP**

TEXAS ENERGY ADVOCATES -
UNIVERSITY PROGRAM



Current TEA-UP Members - 2025

- **Alamo Area Council of Governments**
- **Atlas Home Inspections**
- **Austin Community College**
- **Austin Energy**
- **Building Decarbonization Coalition**
- **EIS Lighting**
- **McKinstry**
- **MTN Consulting**
- **Planet Texas 2050 (UT Austin)**
- **SMU Hunt Institute**
- **Texas A&M University**
- **USGBC, Texas Chapter**
- **Texas State University**
- **UMB Bank**
- **University of North Texas**
- **University of Texas Rio Grande Valley**
- **University of Texas at Arlington**
- **University of Texas at San Antonio**



Opportunities & Next Steps



Integrate air quality and energy management planning at the regional level.



Use SPEER + CELC + TEA-UP as platforms for resources and partnerships.

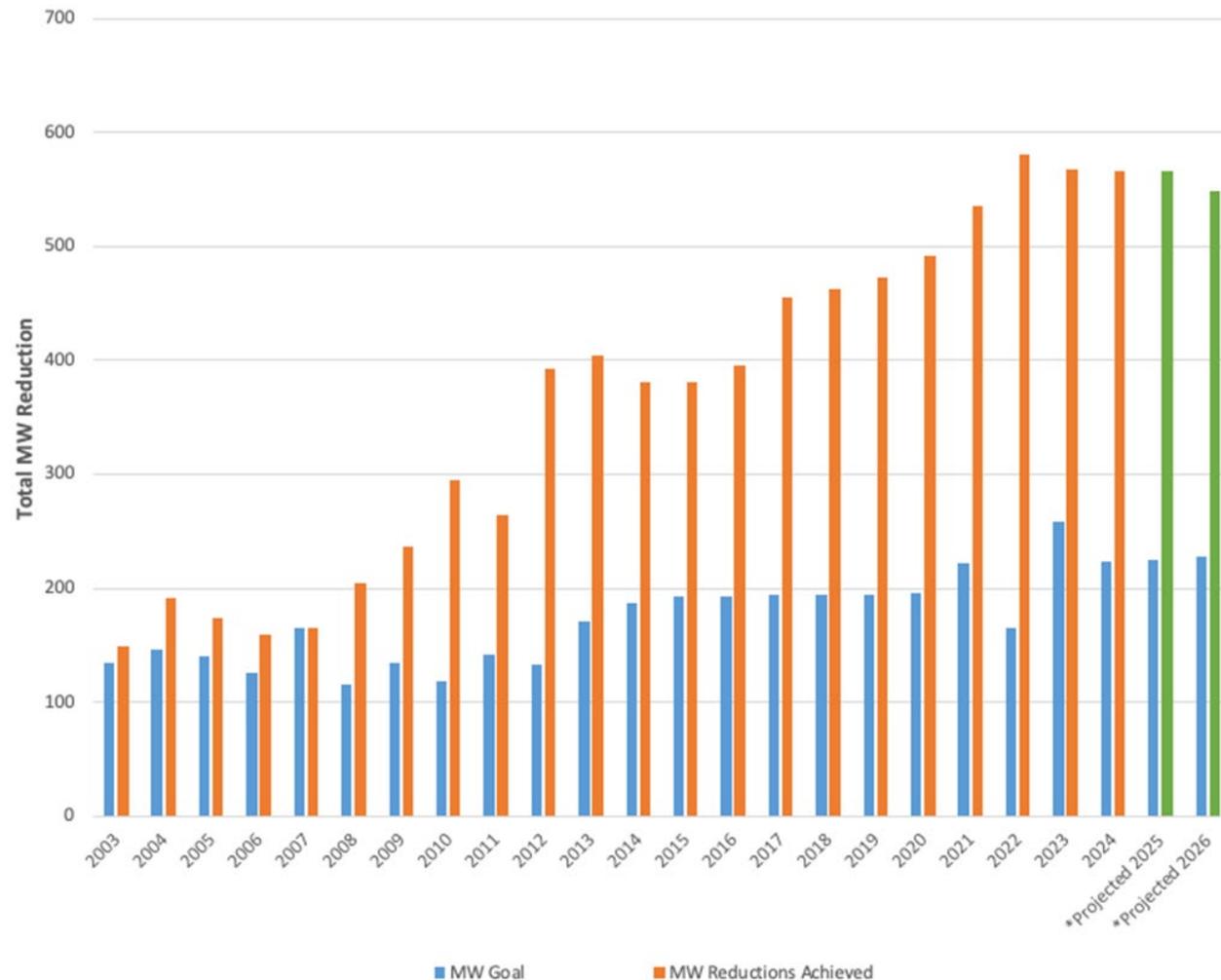


Call to Action: *Engage, Share, and Partner to improve both energy efficiency and air quality.*



Energy Efficiency Performance

Demand Goal vs Reductions Achieved



- ▶ Utilities exceed performance goals consistently
- ▶ Performance of EE programs in Texas saves residents and businesses money every day





SPEER 89th Legislature Priorities



EERS GOAL
IMPROVED
PERFORMANCE



UPDATED
BUILDING/ENERGY
CODES



WORKFORCE
DEVELOPMENT



DR RESIDENTIAL
INCENTIVES AND
DERS



TRANSMISSION
BUILDOUT



INSURANCE



EXTREME WEATHER
PREPAREDNESS



SPEER Texas Priorities



EERS Improved Performance

SB 2994** was a compromise bill aimed at improving utility energy efficiency programs through incremental changes

HB 5323*** established the Texas Energy Waste Advisory Committee



Updated Building/Energy Codes

SB 783*** refile from 88th session, allows SECO to adopt new energy codes

HB 871* would increase statewide building code standards to 2018 levels

HB 4016 would ban electric resistance heat as primary heating source in residential dwellings greater than 500 sqft



Workforce Development

SB 2925*** established the Task Force on Modernizing Manufacturing

HB 3260*** established Industry Recognized Apprenticeship Programs Grant Program

HB 4443* would have created pilot program for careers in EE technologies in DFW



DR Residential Incentives and DERs

SB 1916/HB 4367 would require load management utility programs to have a goal

SB 2021 would create regulatory structure for interconnection of DERs

* **passed out of one chamber**

** **passed out of both chambers**

*** **became law**

Energy Codes

Adoption and enforcement of updated energy codes can be difficult for all stakeholders in the industry. Through SPEER's education, training, and implementation efforts, we aim to make this transition as easy as possible by making sure all parties understand what the code says, what it entails, and what compliance looks like.

This year more than **2,200** attended a total of **54** trainings and webinars, featuring content on building and energy code, HVAC system sizing and performance, and building science processes across the Texas and Oklahoma regions.



Agenda

- Welcome / Intros
- SPEER Mission for TECCC/Ambassador
- Upcoming 2024 IECC Changes
- Funding Opportunities
- Local Area Updates
- New / Old Business



SPEER Texas Priorities



Transmission Buildout

HB 3069* would improve long-term planning criteria for transmission projects and amend certificate of convenience process

HB 3044 sought to eliminate generic constraints for transmission.

Several bills on vegetation management were filed like HB 1606*** requiring notice to customers on how to request vege management trimming



Insurance

HB 145*** allows utilities to self-insure for potential damage a utility may be liable for in event of a wildfire

Several other bills were filed that would indirectly impact insurance premiums, but took the form of wildfire mitigation



Extreme Weather Preparedness

HB 13* would have established the Texas Interoperability Council for emergency weather communications

SB 1312 would have prohibited utilities from disconnecting service to any county subject to disaster declaration

* passed out of one chamber
** passed out of both chambers
*** became law





On the Horizon

- **SPEER Industry + Policy Workshop 9/18-9/19**
- **Community ELC Virtual Coffee Hour 10/7**



**REGISTER
TODAY:**



SEPTEMBER 18-19, 2025

SPEER INDUSTRY + POLICY WORKSHOP 2025

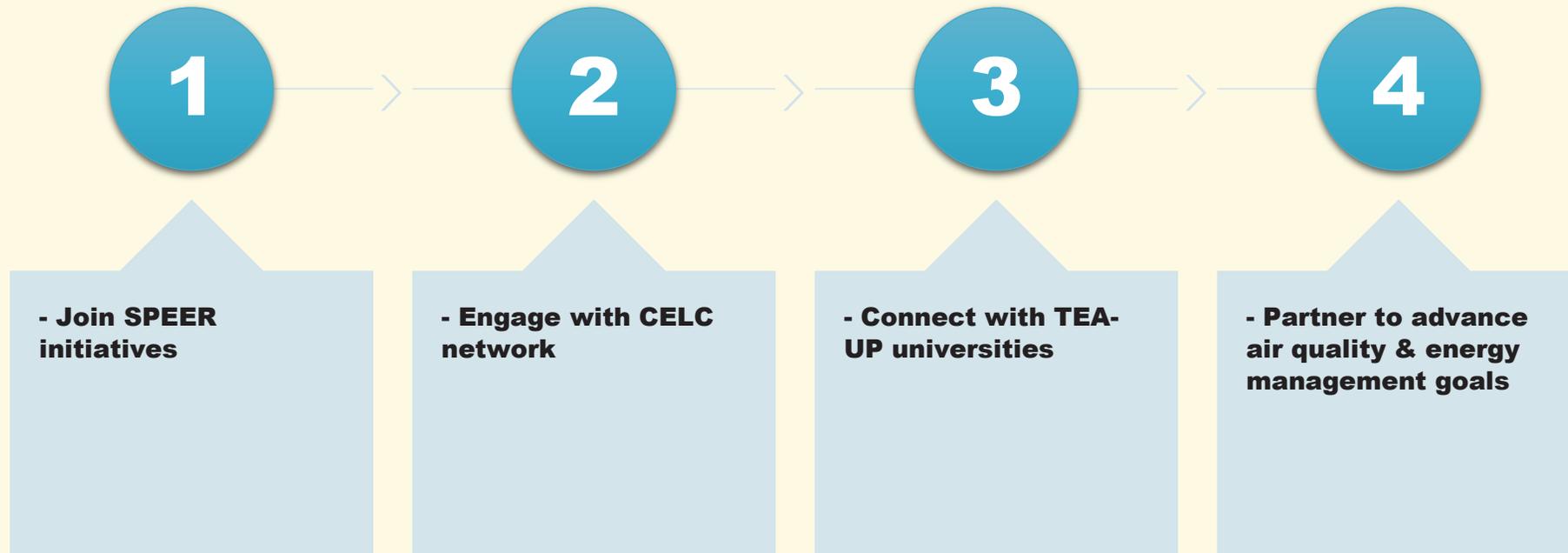
AT&T HOTEL & CONFERENCE CENTER
AUSTIN, TX





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Next Steps





Questions?



Connect with us:



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eepartnership.org



@SPEER



@EEpartnership

The logo for SPEER, featuring a stylized white city skyline with a power line and a plug icon, set against a blue oval background. A green circle is partially visible behind the blue oval.

SPEER

The South-central Partnership for Energy Efficiency as a Resource