



The South-central Partnership for Energy Efficiency as a Resource

2018 Annual Report



Welcome

Dear Colleagues,

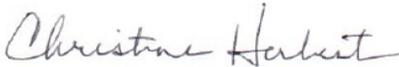
In 2018 SPEER celebrated its fourth year as an industry non-profit with a continued focus on maximizing energy efficiency in the built environment in Texas and Oklahoma. Our programs and policies drive energy optimization in buildings through adoption and compliance with building codes, promoting intelligent energy management, supporting utility investments in efficiency and other distributed resources. We advance policies to support our states' energy markets and grid resilience, and meeting customer energy needs.

Through our education and outreach programs, SPEER has been instrumental in refining building practices and has cultivated new participation to increase the role of energy efficiency as a resource. Through increased visibility of energy efficiency, SPEER empowers leaders in the private and public sectors to advance efficiency policies, programs, services and technologies that increase energy productivity and efficiency.

2018 was a stabilizing year for SPEER, in response to funding changes and other external challenges. In 2019, SPEER will build on our strength as the regional energy efficiency voice, expanding our programs to provide more education, training and technical assistance to the industry, and providing a leadership role in policy changes that support our mission.

There is so much more to do! Data is increasingly shaping the energy markets and the behavior of consumers, building controls and demand response are evolving to true connectivity, and allowing for distributed resources to prosper, including efficiency! We hope that each of you will join us in 2019 as we engage in new opportunities and drive the region to a clean energy future through energy efficiency!

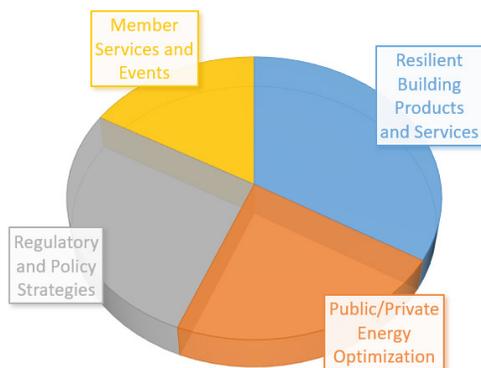
Chris Herbert Executive Director



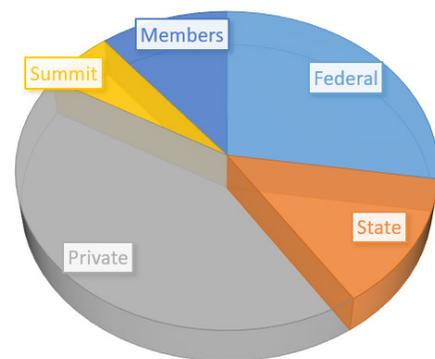
Debbie Kimberly, 2018 Board Chair



2018 Allocation of SPEER Funding by Work Area



2018 SPEER Funding by Source



2018 Annual Summit

In 2018, we convened over 150 SPEER members and stakeholders in Austin, Texas in April to attend our Annual Summit, now renamed The Clean Energy Exchange (CEE). This event was filled with valuable information from our keynote speakers, Dan Delurey of Wedgemere Group and John Roberts of Cree, as well as many panelists and attendees. There were multiple breakout sessions daily, hosting a variety of energy efficient topics and discussions. The panels provided great value in discussing regional opportunities to advance energy efficiency, how we might restructure investor-owned utility programs to maximize impacts, and manufacturing energy efficiency investments and commitments. Our breakout sessions ranged from transportation, connecting with city leaders, decarbonization and the VW settlement, and challenges in residential energy codes, just to name a few.



“The SPEER Summit is an excellent forum and I highly recommend attending if you are within the energy or energy efficiency space. The networking opportunities are great, and the break-out sessions and speakers are always topical and interesting. In 2017, I really enjoyed Dr. Tinker’s presentation on The Critical Role of Efficiency in the Global Energy Future.”

-Julie Hatfield, Texas Gas Service, Founding Member

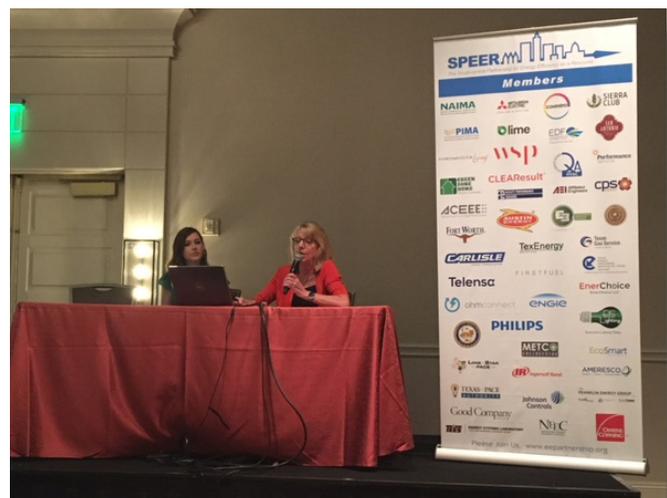
“I attend the Annual SPEER Summit as it is an opportunity to talk directly to utility companies, leading manufacturer’s, state and local and federal representatives, as well as SPEER staff. Where else do you get the chance to talk to this broad of a group that is focused on energy efficiency? The wealth of knowledge at the SPEER Summit is amazing. I always learn many new things at each Summit that helps me make decisions on directions I take in my role. A key thing about the SPEER Summit is the involvement and the voice of all who attend.”

– Frank Forrest, Carlisle HVAC

Member Workshop



SPEER's Annual Member Workshop was held in August, bringing members together at the Lost Pines Resort, just east of Austin. There, the members gathered to discuss both emerging opportunities and barriers in energy efficiency. This annual collaboration serves as a platform for members to educate, discuss and explore new ideas and opportunities. Members attend year after year as we encourage them to provide SPEER staff with valuable input and focus our priorities. This is an excellent opportunity to network with staff and collaborate with others in the industry.



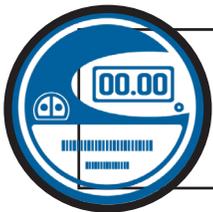
Program Working Groups



ENERGY CODES



LOCAL GOVERNMENTS



HIGH PERFORMANCE BUILDINGS



POLICY



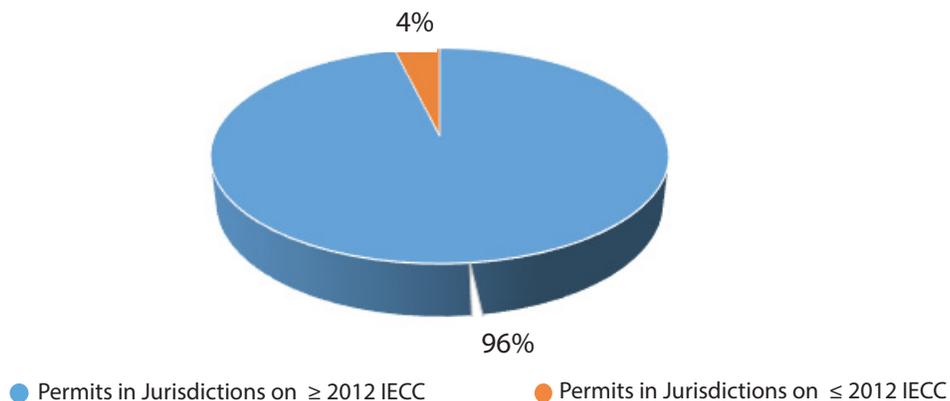
Energy Codes

Adoption and Compliance

The SPEER Energy Codes Program continues to play a significant role in the adoption and compliance of the state adopted energy code, and the whole family of ICC codes, through education, training and outreach. We continue to provide direct support to code officials, builders, contractors and other building professionals through in-person training and webinars in both states. Presentations at state and national conferences serve to elevate our mission.

Local adoption is now documented at over 90% in the incorporated jurisdictions of Texas.

2017 One & Two Family Permits Reported 84,149 in cities

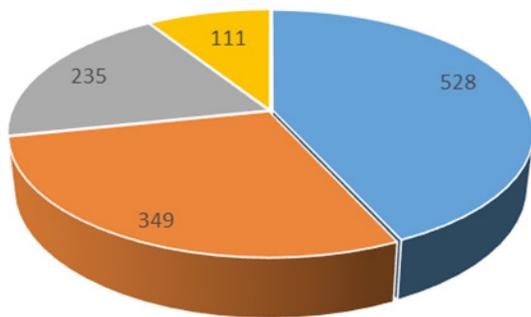


The unincorporated areas in both our home rule states are limited in their ability to adopt current codes, or to inspect or enforce codes, and so very few address codes at all. We developed a plan for counties to adopt building codes using third-party inspections for compliance, and worked with a limited number of counties to launch this effort. We have collaborated with several state agencies and advocates to highlight the importance of building resilience for all the state, to protect against wind, water, fire, and other extreme weather conditions.

DOE Energy Codes Field Study

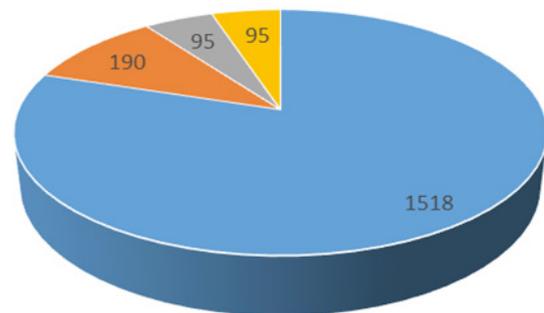
SPEER completed the three-year The Department of Energy (DOE) Energy Codes Field Study for Texas, and identified several areas of needed workforce training to improve compliance. We obtained support to provide Quality Insulation Installation trainings to contractors to ensure they are delivering maximum energy savings. We obtained support and developed training for HVAC installers and contractors to provide right-sizing and good duct design and installation, which will launch in 2019.

2018 Live Training Attendees: 1223 Total



● NAIMA Grade 1 ● Builder/Contractor ● Inspectors
● Other

2018 Online Training Attendees - 1898 Total



● Inspectors ● Engineer/Architect ● Builder/Contractor
● Other

Energy Code Ambassadors

SPEER supports 35 Energy Code Ambassadors in the region, to volunteer time and expertise to reach building professionals in their local areas with peer-to-peer resources and support. SPEER provided a 2-day advanced code training in February, and coordinates and communicates with the Ambassadors monthly.



**Donated
Ambassador Contact
Hours: 1,615**

Local Governments

CELC City Efficiency
Leadership Council



City Efficiency Leadership Council

In 2018, SPEER continued to advance the adoption of energy management best practices in the public sector through the City Efficiency Leadership Council (CELC). Using lessons learned and feedback from CELC partner cities, SPEER identified new initiatives and enhanced our current program offerings to both increase the value for existing collaborators and attract participation from a broader range of city stakeholders. Through conference calls, direct communication, regional roundtables, workshops and the SPEER Summit, we have developed local government networks and provided much needed resources to Texas' cities, counties and public-school districts.

We have expanded the direct engagement with local governments through monthly CELC newsletters, featuring city efficiency news items, updates on our relevant policy work, announcements of upcoming events, and connections to public sector energy management resources. Our City Efficiency Toolkit was launched in September to provide online resources for building and growing public sector energy efficiency.



High Performance Buildings

Building Operator Certification (BOC)

New levels of operational expertise and knowledge are needed as facilities and equipment are updated with newer technologies and controls. SPEER has held the license to provide the BOC training in both Texas and Oklahoma for the last 7 years and has completed 13 courses and trained 260 individual building operators. By providing local training and individualized program scheduling, SPEER is able to overcome the common barriers to these professionals obtaining this important certification. We use technology specific experts to provide the various segments of the training. Oklahoma Gas & Electric continues to be our strongest BOC ally, investing in BOC training for their key customers. The BOC program underwent significant revisions in 2017, aligning it with ISO 17024 and ensuring the program's credibility by meeting these high standards.



BOC by Numbers

13
Courses

260
Trained Building
Operators

Industrial Efficiency

SPEER continues to collaborate with the State Energy Conservation Office (SECO) and the Texas Industries of the Future (TloF) to expand the Texas Industrial Energy Efficiency Network to include organizations with educational outreach into this sector and leverage our resources. At our Annual Summit in April we hosted three large manufacturers to talk about the sustainability and energy efficiency efforts in their plants, and what motivates them to pursue these efforts.

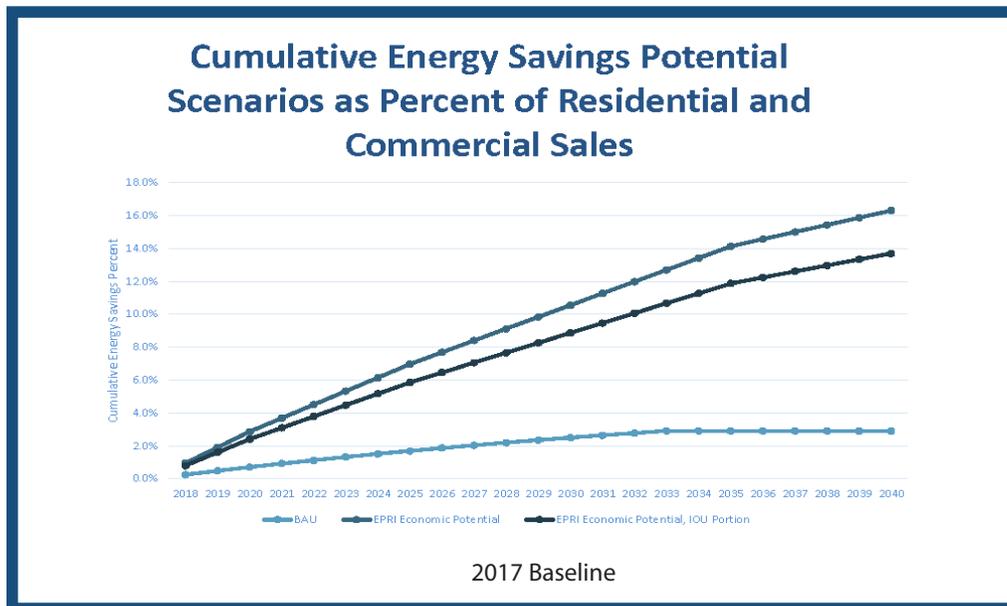
Policy

Data Access

In a culmination of over three years of advocacy, a settlement agreement filed at the Public Utility Commission of Texas (PUCT) called for a significantly streamlined customer authorization process through Smart Meter Texas (SMT). The final order (Docket No. 47472) issued on July 12, 2018, will allow retail electric customers a secure and convenient way to share their 15-minute incremental electric-usage data. These changes in SMT will enable customers to use cloud-based digital services (e.g. smartphone applications or websites) to understand and control their energy use, respond to prices, optimize comfort and contribute to reliable operation of the grid. Overcoming previously determined barriers, this is paving the way for a new era of demand-side energy management businesses and services. We would like to give a BIG thanks to all of the stakeholders and member companies of SPEER who supported this collaborative effort.

IOU Efficiency Goals

20 years have passed since the Texas Energy Efficiency Resource Standard (EERS) was established as part of the deregulation of the energy markets. SPEER published topical briefs that reviewed the history of the EERS to identify successes and barriers. In 2018, SPEER hosted an Investor Owned Utility (IOU) Energy Efficiency Program Collaborative to tap into various stakeholders collective experiences and identify what modifications to the existing rules would be needed to increase participation and achieved savings in these programs. SPEER summarized and presented their findings at the Energy Efficiency Implementation Project (EEIP) meeting in the fall, with recommendations that included increasing the EERS to .5% of retail electricity by 2022 and 1% by 2030, effectively doubling and quadrupling their current program achievements.



Non-Wires Alternatives

SPEER has encouraged policies to support opportunities to cost effectively reduce, avoid or defer wires solutions including, energy efficiency, demand response and distributed generation; what is commonly known as non-wires alternatives (NWA). Difficult policy questions need to be addressed that include whether IOUs may own, or contract for services, and how they recover these investments or profit from NWAs, and what impact that will have on the competitive energy market. In 2018, the PUCT requested comments under Project No. 48023 a Rulemaking Regarding Non-Traditional Technologies in Electric Delivery Service, to obtain stakeholders' input on these unique challenges. At the end of the year, the PUCT concluded that further legislative direction may be appropriate regarding the ownership and operation of energy storage devices.

Oklahoma

Beginning in 2018, SPEER was tracking 20 bills in the Oklahoma legislature; by the end of the session there were two that were signed into law. House Bill 3536 amended several provisions in the law regarding performance contracting, added water metering devices, increased payback from 15 to 20 years, required audits and amended the competitive process for contracting. House Bill 2933 provided low-income individuals a one-time fee waiver for occupational or professional license or certification, except health professionals. In the fall, the Oklahoma Corporation Commission proposed changes that risked the continuation of all utility efficiency programs, stating concerns over cost-effectiveness and the lost revenue values for utilities. A negotiated agreement allowed the programs to continue for 3-years, with an adjustment to the lost revenue calculations.

Communications



In 2018, SPEER staff enhanced communications to establish measurable objectives with communication and increase engagement through clicks and shares. We continue to build and expand our brand as the industry consistently changes and grows. SPEER offers an outlet for feedback from members regarding our messaging and communications. We also established metrics to track and analyze data on SPEER emails and social media. SPEER continues to provide members with timely member updates and emails, as well as promote SPEER and its members through email blasts and social media.

Follow us!



South-Central Partnership for Energy Efficiency as a Resource- SPEER



@EEpartnership



www.linkedin.com/company/south-central-partnership-for-energy-efficiency-as-a-resource/

2018 SPEER Members

We would like to thank our members for your continued support throughout the past years and in the years to come.

- ACCA
- ACEEE
- Affiliated Engineers
- Ameresco
- Austin Energy
- Carlisle HVAC
- City of Fort Worth
- City of Houston
- City of San Antonio
- Clearesult
- Covestro
- CPS Energy
- Ecosmart Solutions
- EIS Lighting
- EnerChoice
- Entegral Solutions E3
- Environmental Defense Fund
- Environments for Living
- Facility Performance Associates
- FirstFuel
- Franklin Energy
- Good Company Associates
- Green Zone Home
- Ingersoll Rand
- Johnson Controls
- Lime Energy
- Lone Star PACE
- Metco Engineering
- Mitsubishi
- NAIMA
- NAYA Energy
- NEEC
- OhmConnect
- OpTerra Energy
- Owens Corning
- Performance Services
- Philips (Signify)
- PIMA
- Sierra Club
- TAMU ESL
- Telensa
- Texas Energy Engineering Serv
- Texas Facilities Commission
- Texas Gas Service
- Texas PACE Authority
- TexEnergy
- WSP-CCRD
- Ygrene Energy Fund

2018 Board of Directors

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Carlisle HVAC

Ryan Bloom

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Charlene Heydinger

Texas PACE Authority

Cyrus Reed

Sierra Club

David Claridge

Energy Systems Laboratory

Doug Kirkley

Entegral Solutions E3

Farshad Shahsavary

Texas Facilities Commission

Hayley Cunningham

Texas Gas Service

Michael Jewell

Environmental Defense Fund

Rene Burger

Signify

Steve Saunders

TexEnergy Solutions

Steve Stelzer

City of Houston

Join us, Become a Member Today!

Our Mission:

To accelerate the adoption of advanced building systems and energy efficient products and services in the South-central US.

Our Purpose:

To advance the understanding and adoption of energy efficiency as a low-cost energy resource, and to design, implement, coordinate, and support regional projects to promote high energy performance and clean distributed energy in the built environment.



Become part of the regional energy efficiency organization for Texas and Oklahoma

Our members benefit greatly from partnership in SPEER’s collaborative network and shape the vision, message, and activities of the only organization specifically focused on growing markets for energy efficient technologies, products and services in this region.





The South-central Partnership for Energy Efficiency as a Resource