Energy Efficiency:
An Engine for Community Growth and Economic Inclusion

Pat Stanton, Director of Policy
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Energy Efficiency Jobs in America

2.3 MILLION AMERICANS WORK IN ENERGY EFFICIENCY

SEPTEMBER 2019

#FacesOfEE
JOB GROWTH TREND

2016: 2,181,512 with 3.1% growth
2017: 2,248,524
2018: 2,324,865 with 3.4% growth
Job Growth Rate

Nearly double the national average

2017
- National: 1.5%
- EE: 3.1%

2018
- National: 1.8%
- EE: 3.4%

Nearly double the national average
EE Workers Across Industries

### #Faces Of EE

- Cindy Broceker, IBM Global Business Services, Fayetteville, NC
  - [I work in] business development [&] smart lighting.

- Cale Richards, Small Business Association of MI, Dimondale, MI
  - I help small business owners use EE to solve challenges.

- Jason McBride, ClearPoint, Galloway, TN
  - I develop software for weatherization assistance programs.

- Marquita Mathis, Castle Heating & Air Conditioning, Lakewood, OH
  - I’ve found a career I love. More women should join the sheet metal program.

- Construction & Repairs: 57%
- Manufacturing: 14%
- Professional Services: 20%
- Sales & Distribution: 7%
- Other: 2%
Small Businesses

Illinois Energy Efficiency Jobs in America

89,469 Total Jobs

Firm Size

- 100 or more employees: 5%
- 20 to 99 employees: 16%
- 6 to 19 employees: 30%
- 1 to 5 employees: 49%
Tennessee Energy Efficiency Jobs in America

53,006 Total Jobs

What are EE Jobs?
Delivery of goods and services that lower energy use by improving technologies, appliances, buildings, and energy systems.

In Tennessee, EE Jobs Comprise:

- **24%** of All Construction Jobs
- **25%** of All Energy Sector Jobs
- **12%** of Tennessee residents employed in EE are Veterans

Presented by: E4thefuture.org

Tennessee’s energy efficiency industry is thriving. Let’s keep it that way.

More than 53,000 people work in Tennessee’s growing energy-efficiency sector. Energy efficiency jobs are woven throughout Tennessee’s economy, from manufacturing to professional services to engineering. They include a range of professions: thirty-two are shown here.

From design and construction to weatherization work, Tennessee’s energy efficiency workforce matters.

Energy efficiency improves quality of life. It:
- creates jobs
- grows the economy
- saves Tennesseans money on their energy bills, helping balance family budgets

Please support policies and programs that will help keep Tennessee’s energy efficiency workforce strong.

“In the energy efficiency sector, 84 percent of employers in construction and 82 percent of professional and business services reported some difficulty finding qualified job applicants.” 2019 USEER

Breakout session:
Workforce Pathways for Equity, Energy, and Economic Growth
11:00 AM - 12:00 PM Updrift Room, Second Floor
2019 USEER Findings: Inclusion and Access?
% Veterans in the Workforce

Motor Vehicles
EE
TDS
Electric Generation
Fuels

Energy Sector
National Average
% Black/African-American Workers

- Motor Vehicles
  - Sector Average: 8
  - National Average: 12

- EE
  - Sector Average: 8
  - National Average: 12

- TDS
  - Sector Average: 8
  - National Average: 12

- Electric Generation
  - Sector Average: 6
  - National Average: 12

- Fuels
  - Sector Average: 5
  - National Average: 12

Sector Average vs National Average for different sectors.
% of Women

Motor Vehicles
Energy Efficiency
TDS
Electric Generation
Fuels

0%  10%  20%  30%  40%  50%

Sector Average  National Average

E4 THE FUTURE
Join Us Online 10/1 and 10/2

• October 1, 2019 1:00-2:00 pm EDT
• Learn about the 2019 Energy Efficiency Jobs in America report.
• The data = an important tool for advancing smart clean energy legislation.

Register for the webinar here.
Join Us Online 10/1 and 10/2

#EEDay2019 is October 2nd.
www.energyefficiencyday.org/join-today
E4TheFuture

Mission:
E4TheFuture promotes residential clean energy and sustainable resource solutions to advance climate protection and economic fairness by influencing federal, state and local policies, by helping to build a resilient and vibrant energy efficiency and clean energy sector, and by developing local innovative strategies.

Vision:
E4TheFuture collaborates with industry stakeholders to provide expert policy solutions, education, and advocacy with a pragmatic focus. We integrate smart strategies to accomplish public policy goals that advance clean energy. We support advancing effective integration of energy efficiency with other distributed clean energy resources, to help ensure affordable, clean and equitable energy use for all customers.
Contacts/Resources

Questions?
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• Link to state handouts: bit.ly/EEJobs-By-State
• Link to full report: bit.ly/EEJobsUSA2019