



Energy Efficiency: America's Job-Creation Powerhouse

Rayburn House Office Building - October 25, 2018

[bw] RESEARCH
PARTNERSHIP



Methodology

Most comprehensive energy data in the U.S.

Relies on USEER dataset, reviewed by BLS and DOE/EIA

Approximately 30,000 survey completions annually

Relies on more than a dozen federal data sets

Official data for US DOE (2016 and 2017);
Massachusetts; New York, Rhode Island, and Vermont

Peer reviewed and cited by President Obama

Updated annually

Granular data by technology, value chain, geography



Key Findings

2.25 million energy efficiency jobs in the U.S.

Largest and most new jobs of any clean energy sector

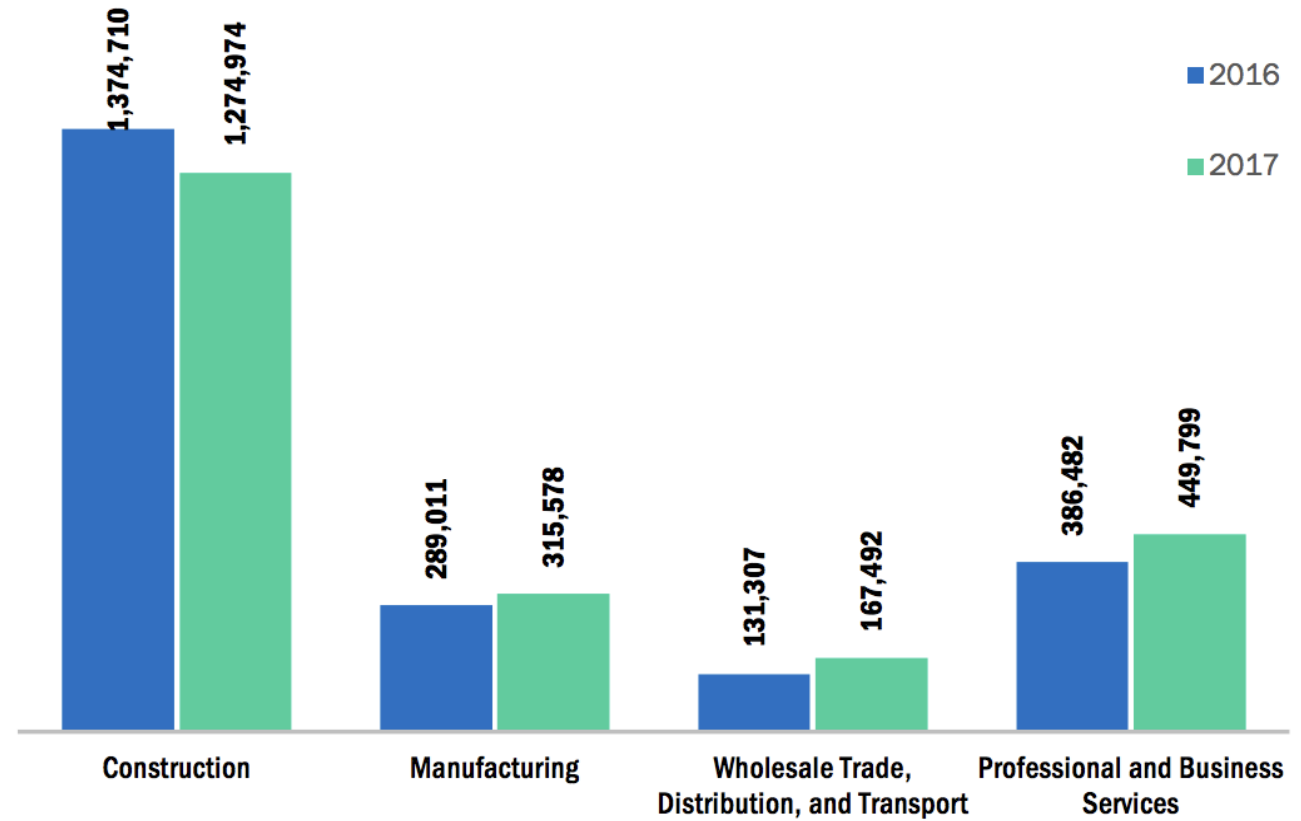
1.2 million in construction; 450k in professional services; 315k in manufacturing

Largest segment in HVAC

Significant jobs in all 50 states

Value Chain

Energy Efficiency Employment by Major Industry Sectors, Q2 2017



Energy Efficiency Jobs in America

EE JOBS ACROSS THE COUNTRY

- // These jobs are local. **99.7%** of U.S. counties have energy efficiency jobs
- // Energy efficiency now employs workers in more than **3,000** of America's **3,007** counties
- // More than **300,000** Americans living in rural areas work in energy efficiency
- // America's Top 25 metro areas employ **900,000** workers in energy efficiency
- // **35%** of U.S. energy workers are involved in energy efficiency

GROWTH ACROSS AMERICA

There are
353,269
energy efficiency businesses
in America

SMALL EE BUSINESS BY EMPLOYEE COUNT

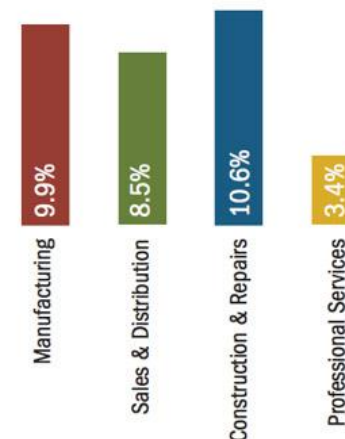


■ 100 + (4%) ■ 6-19 (33%)
■ 20-99 (17%) ■ 1-5 (46%)

GROWTH FOR THE FUTURE

Energy efficiency businesses
are projecting
9% growth in jobs
for 2018

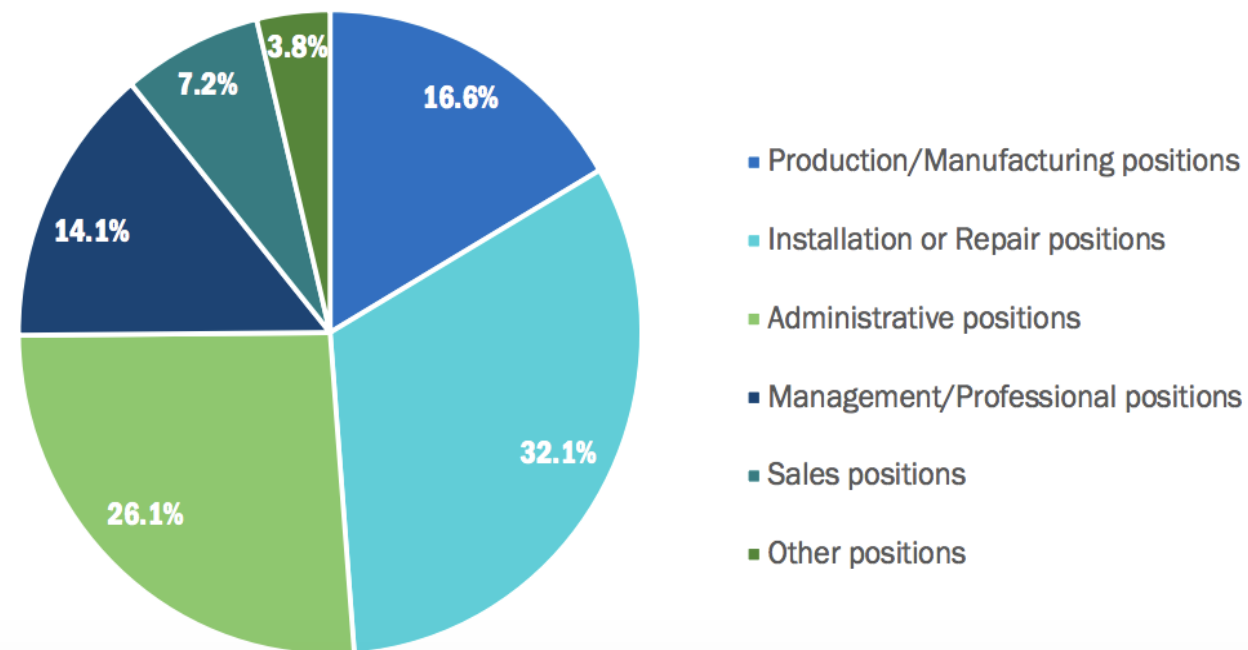
...and the job growth is expected
across all major industries



Occupations

Figure 54.

Occupational Distribution – Energy Efficiency, Q4 2017





Demographics

Demographics – Energy Efficiency, Q4 2017

Demographic	Employees	Percent of Sector	National Workforce Averages
Male	1,723,732	77%	53%
Female	524,792	23%	47%
Hispanic or Latino	337,402	15%	17%
Not Hispanic or Latino	1,911,122	85%	83%
American Indian or Alaska Native	32,288	1%	1%
Asian	107,276	5%	6%
Black or African American	176,303	8%	12%
Native Hawaiian or other Pacific Islander	25,166	1%	>1%
White	1,748,399	78%	78%
Two or more races	159,092	7%	2%
Veterans	238,162	11%	6%
55 and over	317,194	14%	23%
Union	239,364	11%	11%

Energy Efficiency Jobs in America

MORE ENERGY EFFICIENCY = MORE CONSTRUCTION JOBS



More than 1 out of every 6
US construction workers spend
50% or more of their time on
Energy Efficiency (18%)



Nearly 60% of energy efficiency's
2.25 million employees work in
construction (1.27 million)

80%

of energy efficiency construction
businesses say employees spend
a majority of time on energy
efficiency—an increase from last
year (74%)



Energy Efficiency: America's Job-Creation Powerhouse

Rayburn House Office Building - October 25, 2018

[bw] RESEARCH
PARTNERSHIP