

# Powering America

THE U.S. ELECTRIC POWER INDUSTRY  
CREATES AMERICAN JOBS AND  
SUPPORTS A HEALTHY ECONOMY



The electric power industry  
**SUPPORTS**

**7 MILLION+**  
AMERICAN JOBS

**2,662,000**

DIRECTLY PROVIDED

**4,418,000**

INDUCED\*

**491,000**

ELECTRIC  
POWER  
INDUSTRY  
EMPLOYEES

**756,000**

CONTRACTORS  
& SUPPLY  
CHAIN

**1,415,000**

INVESTMENT

**678,000**

INDUCED  
BY POWER  
INDUSTRY  
EMPLOYEES

**959,000**

INDUCED BY  
CONTRACTORS  
& SUPPLY  
CHAIN

**445,000**

INDUCED  
PUBLIC  
SECTOR

**2,336,000**

ECONOMY-  
WIDE RIPPLE  
EFFECT

*\*Induced jobs are spread throughout the economy and include many positions that are the result of paycheck spending by workers and government spending to support the communities around those workers. (As an example, induced jobs can range from elementary school teachers to medical doctors to real estate professionals, not to mention the many jobs in the service economy.)*

MILITARY  
VETERAN  
HIRING  
comprised  
**10%+**  
OF NEW HIRES  
as of year-end 2014

GOOD WAGES  
**2x** THE NATIONAL  
MEDIAN

2015 median  
ANNUAL WAGES  
in the electric power industry were  
**\$73,000**

INVESTS  
**\$100 BILLION+**  
PER YEAR  
to build a smarter,  
cleaner, and more resilient  
ENERGY  
INFRASTRUCTURE

CONTRIBUTES  
**\$880  
BILLION**  
to U.S. GDP  
5% OF  
TOTAL GDP

Source: *Powering America: The Economic and Workforce Contributions of the U.S. Electric Power Industry*, M.J. Bradley & Associates (MJB&A), August 2017.



# CEWD at a Glance

## We Are CEWD

- A nonprofit alliance of more than **100** energy companies plus energy associations, contractors, labor, and educators
- Geared to support **FIVE** demographics:
  - Youth
  - Veterans
  - Women
  - Low-Income Young Adults
  - Transitioning Workers
- Focused solely on helping our members build a **diverse, qualified** pipeline of skilled workers



## Our Mission

Build the alliances, processes, and tools to develop tomorrow's energy workforce



## Our Goals

- **Identify** critical workforce needs and **measure** the success of workforce development solutions
- **Build** awareness of high skilled, well-paying jobs in the energy industry
- **Partner** with members to implement education solutions to build a pipeline of skilled workers
- **Serve** our members and **share** best practices



## Industry Solutions— Regional Implementation

### Where to Learn More

[www.cewd.org](http://www.cewd.org)  
[www.troopstoenergyjobs.com](http://www.troopstoenergyjobs.com)  
[www.getintoenergy.com](http://www.getintoenergy.com)



## Our National Impact

- Members in more than **30 STATES** engaged in State Energy Workforce Consortia
- More than **400,000** energy employees represented through CEWD membership
- More than **2,100** Energy Industry Fundamentals certificates earned by students
- More than **400 ENERGY PROGRAMS** registered in the National Energy Education Network



## Some of Our Accomplishments

- ✓ Defined the demand for critical jobs at the national and state level
- ✓ Defined the knowledge, skills, and abilities needed for today and in the future
- ✓ Identified and engaged national energy education programs that benefit the industry
- ✓ Developed in-depth national templates to engage, hire, and support veterans and women
- ✓ Built a national brand to engage future workers through [GetIntoEnergy.com](http://GetIntoEnergy.com) and [TroopsToEnergyJobs.com](http://TroopsToEnergyJobs.com)



## Our Path Forward

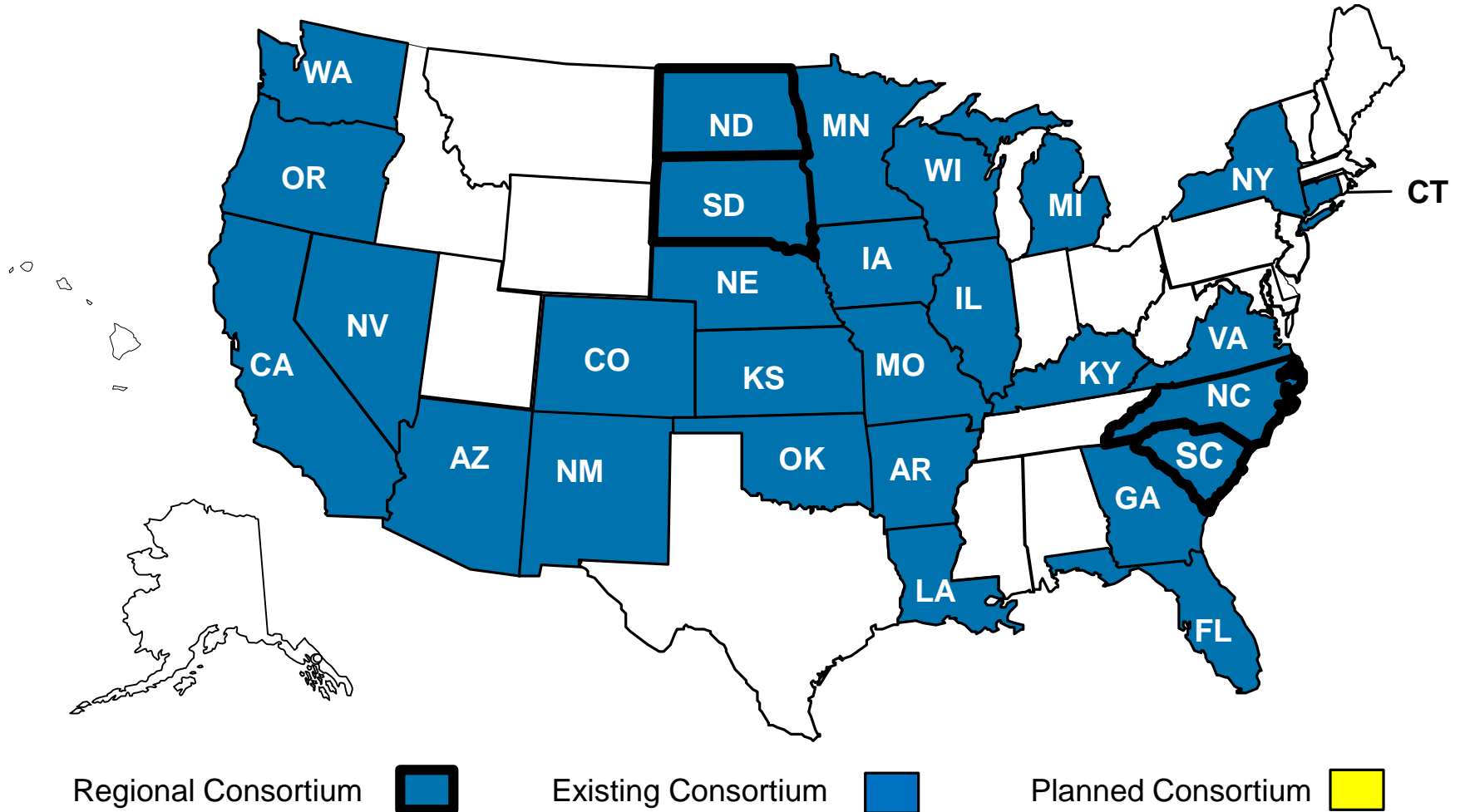
- Continue to help our members develop a diverse, qualified workforce
- Address the impacts of technology, national security, and other game changers on energy jobs and skills
- Support the growth and sustainability of State Energy Workforce Consortia
- Improve energy education outcomes through the National Energy Education Network
- Continue to grow our capacity as the industry's most comprehensive resource for energy workforce solutions

**INNOVATIONS  
AHEAD**



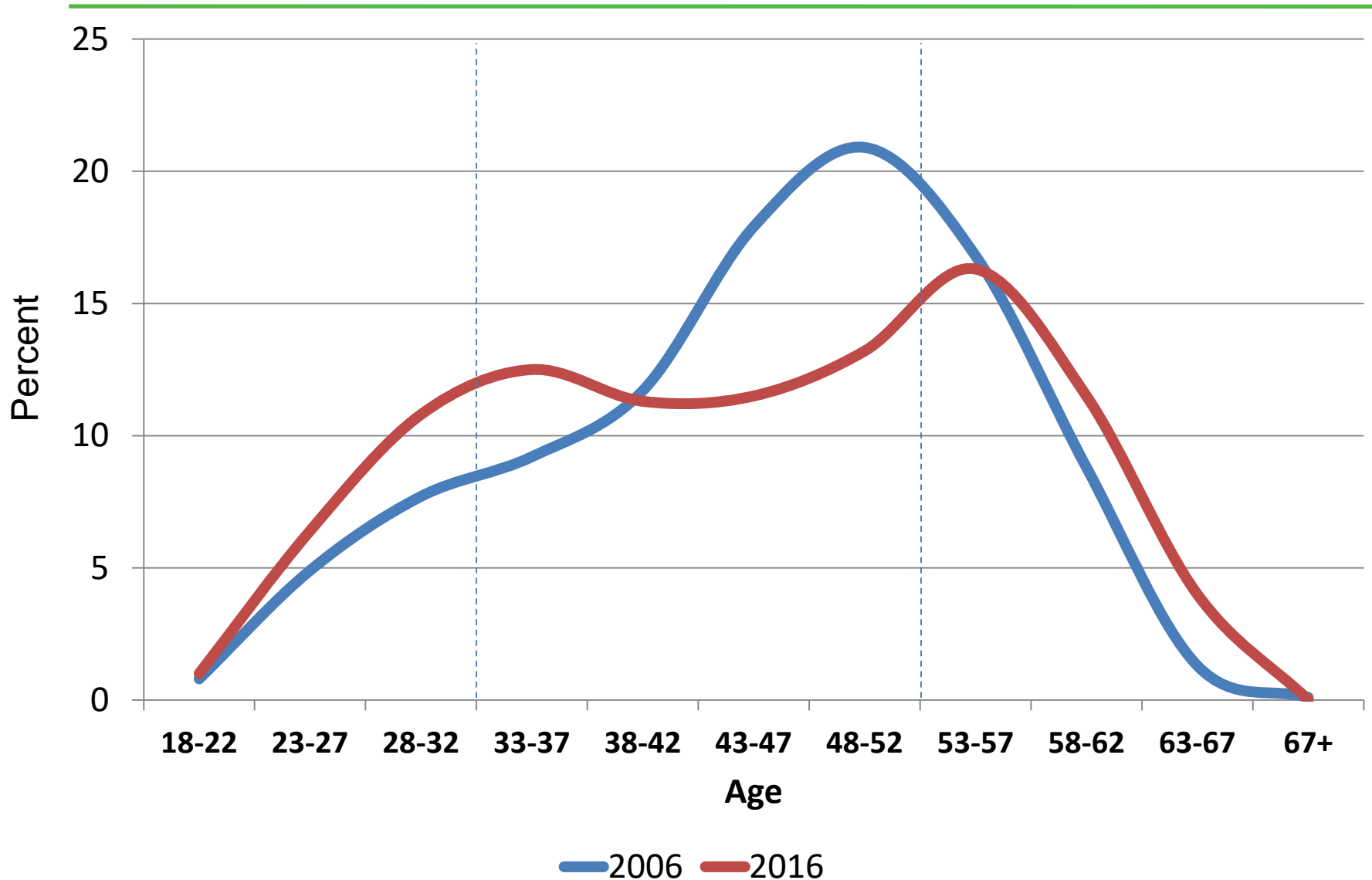
# APPENDIX

# State Energy Workforce Consortia

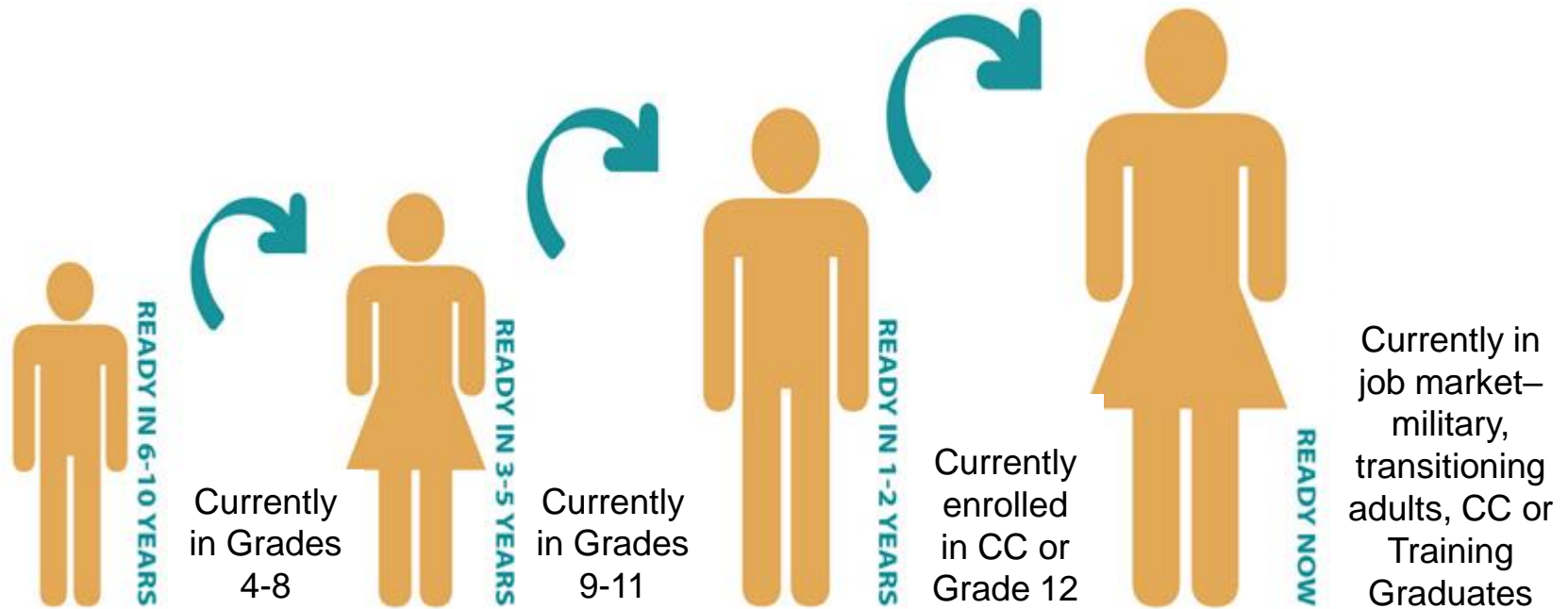


# Age Distribution Comparison

## Total Company



# The Energy Talent Supply Chain for Skilled Technicians



For engineers and other positions that require a bachelor's degree, students who will fill positions 6-10 years out are already in High School