

D. Michael Langford
National President
Utility Workers Union of America

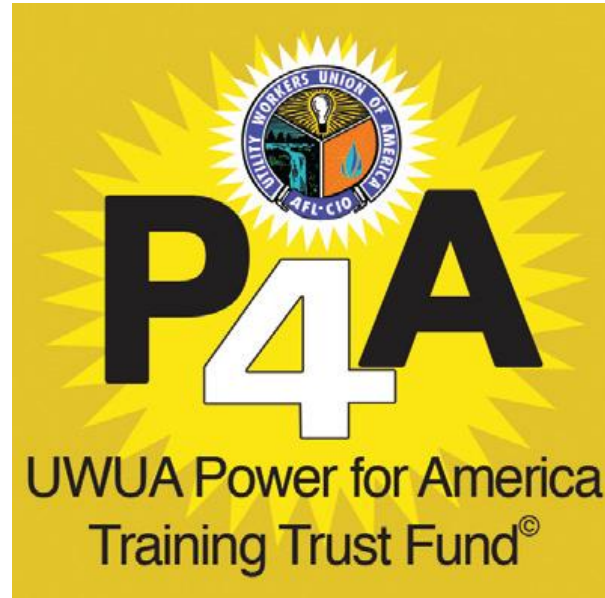
MIDWESTERN
GOVERNORS
ASSOCIATION

Jobs+
Energy
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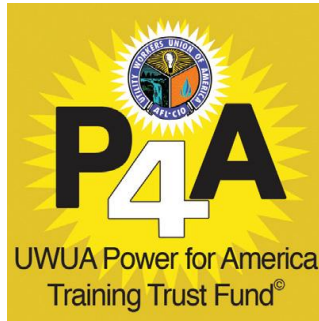
MGA



UWUA Power for America Training Trust Fund



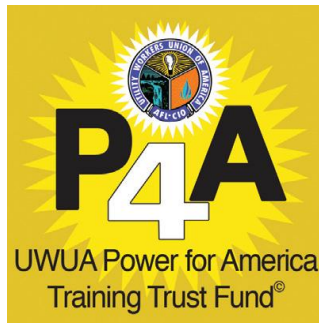
**The UWUA Strategic Apprenticeship Training
Plan for the Next Generation of Public and
Private Utility Tradespersons**



Mission Statement:

Our mission is to provide our members with the highest quality training in an ethical, respectful and responsive manner that meets the needs of industry and the new global marketplace.





Redefining Apprentice Training Expectations & Outcomes

- The UWUA Strategic Apprenticeship Training Plan has been specifically designed to meet the current and Next Generation of Public and Private Utility Tradespersons.

Electric

Gas

Water

Nuclear

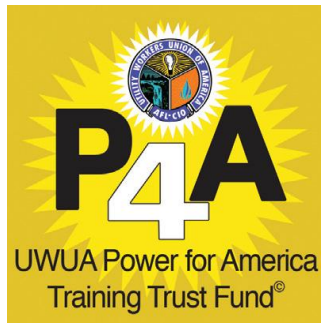
Professional-Technical

Green Energy

Wind

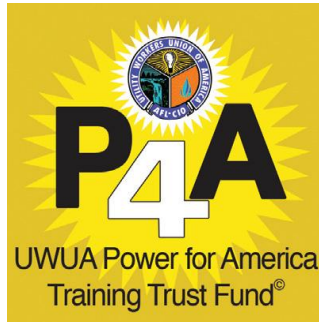
Solar

Geothermal



Ongoing Initiatives:

- P4A Apprenticeship Programs follow a designated training regimen based on their trade which includes the following:
 - 2 Years of community college, to be completed within the first 4 years of employment
 - Certificate or associate degree programs with approved colleges including Bachelors and Master curriculum programs available within industry related courses of study
 - 4 Years of on-the-job training, which includes classroom, field training and a skills mentoring program from retired tradespersons



New Training Opportunities:

Educational Partners in Michigan:

Alpena CC

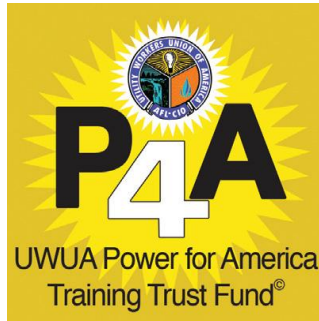
Delta College

Grand Rapids CC

Henry Ford CC

Macomb CC

Michigan Institute of Aviation Technology



New Training Opportunities:

Educational Partners in Iowa:

Northwest Iowa CC

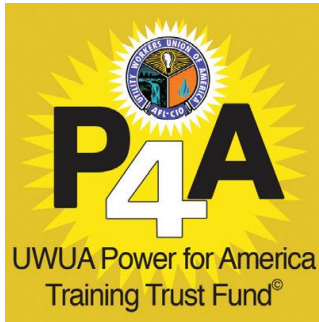
North Iowa Area CC

Northeast Iowa CC

Minnesota West CC

Distance Learning Educational Partner:

Bismarck State College



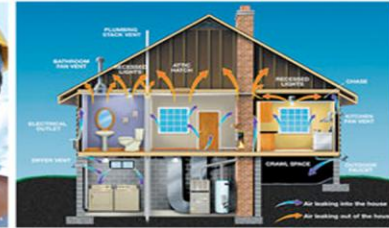
Short Term Objectives:

- Identify “job skill commonalities” and design training programs that can be implemented across all current and emerging energy sectors.

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Weatherization:

What is Weatherization?

- The practice of protecting a building and its interior from elements such as sunlight, precipitation and wind.
- The practice of modifying a building to reduce energy consumption and optimize energy efficiency and reduce the carbon footprint

Facts About Weatherization:

- In the United States, buildings use one-third of all energy consumed and two-thirds of all electricity
- Buildings are a major source of the pollution that causes urban air quality problems and pollutants that contribute to climate change
- Families whose homes are weatherized are expected to save \$358 on their first year's utility bills

Whole-house Weatherization:

- Looks at how a home performs as a system
- Includes the installation of modern, energy-saving heating and cooling equipment, or the repair of old, inefficient equipment

**Safest, Most Productive,
HIGHEST SKILLED WORKERS in the World**

**Technician
Pamphlet**



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Wind Power:

You may ask what is wind generation?

The simple answer is – Creating Power and Energy from wind, which occurs naturally.

Facts About Wind Energy:

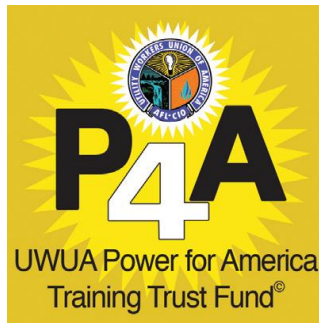
- A clean, inexhaustible, indigenous energy resource
- Can generate enough electricity to power millions of homes and businesses
- One of the fastest growing forms of electricity generation in the world
- The United States can currently generate enough electricity from wind to power 2.5 million average American homes.
- Industry experts predict, with proper development, wind energy could provide 20% of our nation's energy needs

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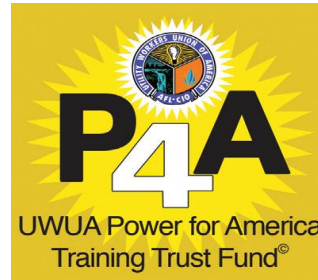


Innovative Solution to our Infrastructure Problem:

- The Senate Banking Committee has examined “a proposal to establish a new national bank specifically focused on investments in highways, mass transit and other infrastructure priorities.”*
- Modeled somewhat on the five-member Federal Deposit Insurance Corp., the nonpartisan bank would target badly needed regional and national projects over \$75 million in value. To finance them, it could offer loan guarantees and tax-credit bonds as part of packages that could also include private investors.

* *“The National Infrastructure Bank Act of 2007”*

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