

# Kalamazoo Valley Community College

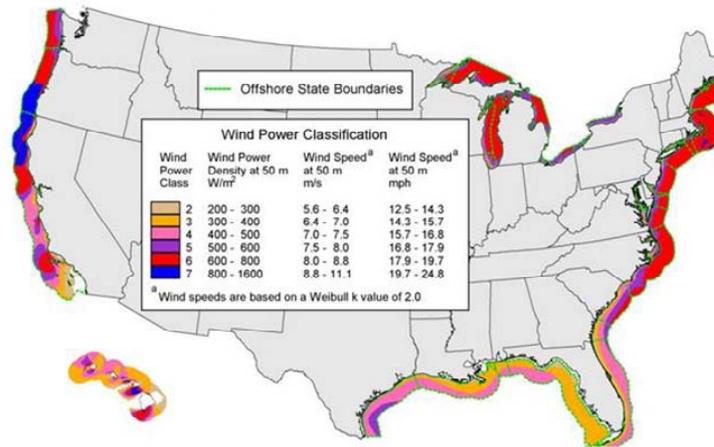
Wind Turbine Technician Academy



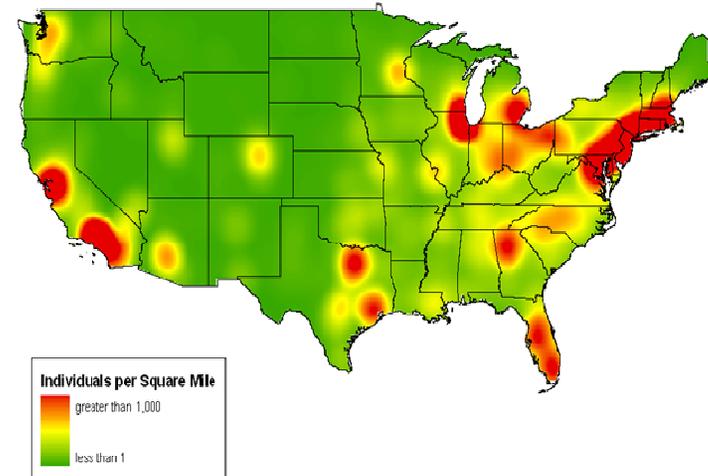
## Offshore Wind Resources

# Supply Aligned With Demand

Offshore Wind Resource Estimates



Population Density of the Conterminous United States



# Michigan Opportunities

- Power Production Possibilities Abound
- Off-Shore Development
- Harnessing Idled Manufacturing Facility Capabilities and Highly Skilled Employees
- Transportation and Logistics Development Opportunities



# Kalamazoo Valley Wind Turbine Technician Training

- Training Standards Set By The Manufacturers
- Curriculum Developed and Administered by Bildungszentrum für Erneuerbare Energien (BZEE)
- Continuous Improvement as Technology and Economics Change





# Program Objectives

- Produce Highly Skilled Entry Level Technicians For The Wind Industry
- Create Partnerships with Wind Industry
- Produce qualified workers for Good paying jobs
- DOE Challenge 20% Wind by 2030 calls for adding 16,000 MW per year  
= 1600 new Tech
- Place Michigan on the World Map as a Leader In The Wind Industry

# Technician Skill-Set Development

- Technicians Are Trained to Industry Defined Entry Level Knowledge
- Competency Based Program
- Combination of Hands-On, Theoretical, On-Site and Practicum Experiences



# Technician Training Outcomes

- Technicians Obtain The Knowledge Needed to Participate in Manufacturer Advanced Training Programs
- Employers Assured of a Uniform Standard of Knowledge
- International Pool Of Qualified Technicians

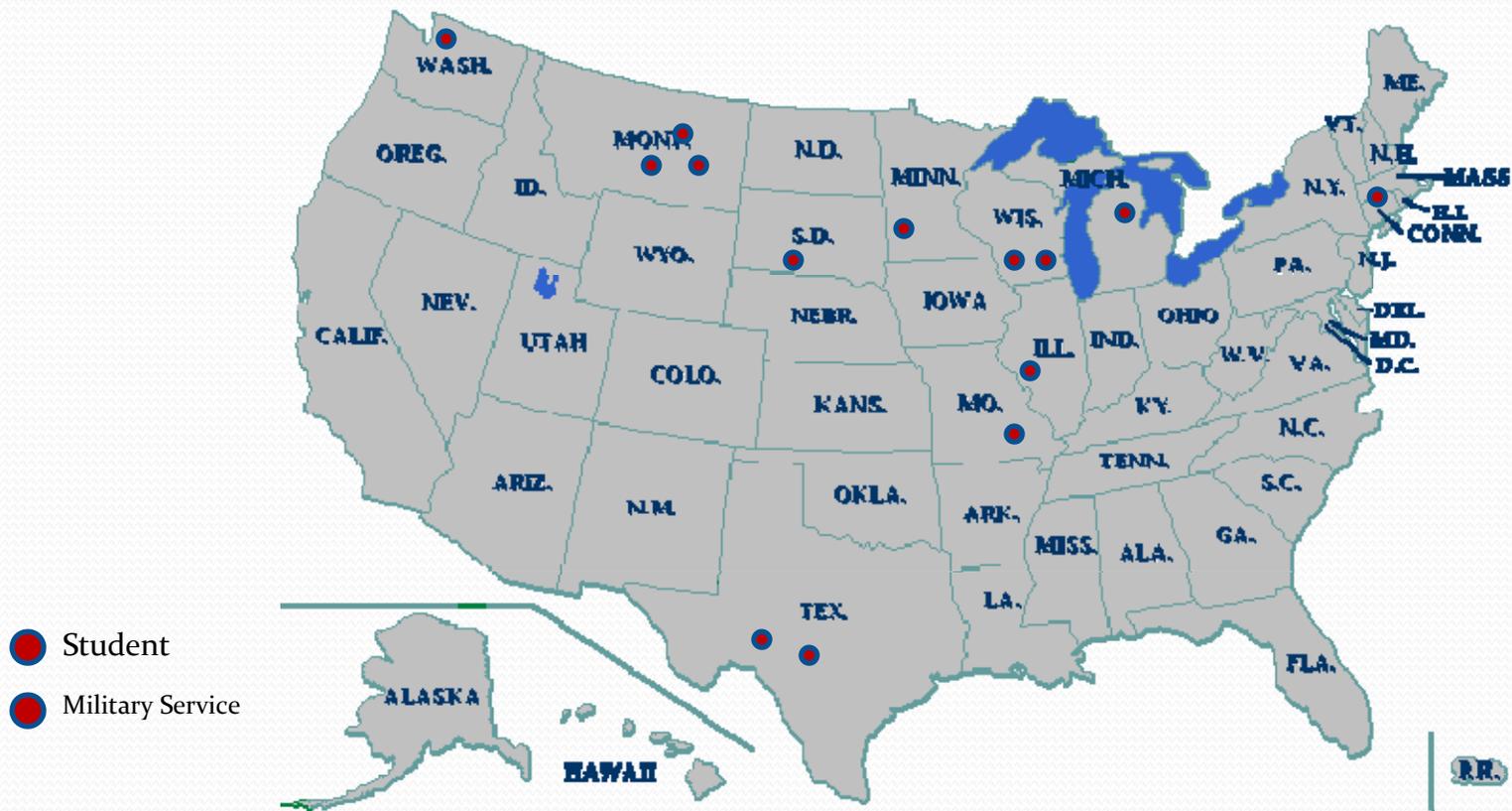


# Partnerships

- Provide Field Experience
- Gives Operators a Chance to 'Test Drive' a Potential Employee
- Allows For Direct Feed Back Into the Curriculum Improvement Process



# Employment Results



# Economic Development Opportunities

- Power Production Possibilities Abound
- Off-Shore Development
- Harnessing Idled Manufacturing Facility Capabilities and Highly Skilled Employees
- Transportation and Logistics Development Opportunities





Questions or Comments?

## Contact Information

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