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

www.Kvcc.edu/training
269-353-1253

Cynthia Buckley – Executive Director of Training
cbuckley@kvcc.edu

Tom Sutton – Associate Director Wind Energy Center
tsutton@kvcc.edu