



## CHELSEA BUMB PROJECT MANAGER

### Career Summary

Chelsea started at One Energy as the company's first intern, when One Energy had just begun and *Wind for Industry*® was still in development. A Civil Engineer by trade, she rapidly progressed to Project Manager and has formed One Energy into the utility-scale, distributed wind energy leader it is today. Chelsea is responsible for developing the One Energy construction team and procedures, resulting in the company's ability to execute self-perform wind energy projects. Her unparalleled experience, knowledge, leadership, and diligence make her a valuable asset to the One Energy team.

### One Energy Role

At One Energy, Chelsea serves as Project Manager. In this role, her responsibilities include safety, procurement, reporting to customers, managing construction methods and crews, quality assurance, and commissioning of electrical and mechanical systems. She trains and supervises One Energy's Technicians and Field Engineers, sees the projects from start to finish, and is the key person in charge for all site activities. Chelsea has contributed to the installation of more than 31 MW of net-metered wind generation facilities, including the three largest net-metered wind projects in the country.

### Professional Experience

#### **Project Manager, One Energy Enterprises LLC, Findlay, OH**

- Manages work on project sites, self-perform and otherwise, including site safety, documentation, and completion, as well as quality assurance and quality control (QA/QC) activities for net-metered installation
- Owns the project schedule, budgets, and all associated activities from the pre-construction phase through operating turbines.
- Assists with wind feasibility reports and analyses, including shadow flicker, wake loss, ice throw, and noise studies, as well as FAA permitting
- Produces construction renderings and drawings including transportation, fall zone, WTG locations, crane walks, facilities, and surrounding areas
- Participates as a member of One Energy's Corporate Strategic Team, overseeing all aspects of the company's operations, including strategy, operations, staffing, and sales
- Projects responsible for:

Whirlpool Corporation – Greenville Wind Farm – 4.5 MW, Greenville, OH – KitchenAid

Whirlpool Corporation – Ottawa Wind Farm – 1.5 MW, Ottawa, OH – Whirlpool Corporation

Whirlpool Corporation – Marion Wind Farm – 4.5 MW, Marion, OH – Whirlpool Corporation

Harpster Wind – 1.5 MW, Harpster, OH – Marathon Petroleum Corporation LP

Zephyr Wind Project – 4.5 MW, Findlay, OH – Ball Metal Beverage Container Corporation

Whirlpool Corporation – Findlay Wind Farm – 3.0 MW, Findlay, OH – Whirlpool Corporation

#### **Turbine Development and Field Engineer Intern, One Energy Enterprises LLC, Findlay, OH**

- Participated in the construction of the largest commercial net-metered wind project in the country
- Supervised roadwork, mud-mat, and foundation installments at the turbine construction site
- Oversaw electric installations from the ground up, as well as the installation of hydraulic systems at the nacelle level
- Executed site upkeep tasks and survey analysis

- Participated in QA/QC analysis (rebar analysis, concrete testing, and dirt work analysis)
- Operated machinery and learned to weld/cut using an oxygen-acetylene torch and filler metals
- Projects involved in:
  - Cooper Wind Farm – 1.5 MW, Van Wert, OH – Cooper Farms
  - Haviland Wind Farm – 4.5 MW, Haviland, OH – Haviland Plastics
  - Cooper Wind Farm – 3.0 MW, Van Wert, OH – Cooper Farms

**Rope Training Technician**, Vertical Reality Training Center, *Gilboa, OH*

## **Education, Training, and Skills**

### **Education**

**The Ohio State University**, *Columbus, OH*

Bachelor of Science, Civil Engineering, Aviation Minor

- Conducted semester-long research project investigating liquefaction testing on fly ash.
- Conducted semester-long research project regarding wind turbine configuration and placement for utility-scale wind projects. Analyzed current U.S. energy policies for economic feasibility and duration.

### **Training**

Certification from the American Heart Association in CPR/First Aid Training

Emergency Medical Technician – Basic

Certification from ANSI in Tower Rescue Training-Competent Rescuer

OSHA 30-Hour Construction

### **Skills**

Proficient in:

- Matlab
- Microsoft Office Suite
- Sketchup
- Visio