

## EXECUTIVE SUMMARY

Alder Energy Systems is a turn-key provider of solar energy systems headquartered in Charleston SC and operating throughout the Southeast. We specialize in the design, installation, and integration of residential, commercial, government, and utility-scale applications, to include:

- ☐ **SOLAR PHOTOVOLTAIC (PV)**
- ☐ **REMOTE COMMUNICATION SITE POWER**
- ☐ **BATTERY BACK-UP SYSTEMS**

Our goal is to offer the best systems and service for those looking to implement alternative energy solutions in their home or business. As South Carolina's most trusted solar integrators, we have a portfolio of proven energy system applications and have a track record of excellence when it comes to delivering what clients want. Let us help you make your home more energy sustainable.

Solar energy is more sustainable both economically and environmentally than traditional energy sources. It's our duty as solar energy providers to make clear the forward-looking benefits of solar panel installation and to give South Carolina residents the services to take advantage of those benefits.

We believe it is important for all of us to start taking better care of our planet by looking for ways to be more sustainable in how we live. Our mission is to promote this mindset through our services. We strongly believe the systems we offer make sense for the environment and the long-term efficiency of your home.

## QUALIFICATIONS

- **NABCEP CERTIFIED PV INSTALLATION PROFESSIONAL**
- **ELECTRICAL AND OPTICAL ENGINEER**
- **SC LICENSED COMMERCIAL CONTRACTOR (G116509)**
- **OSHA 30-HOUR CERTIFIED**

## PROJECT HIGHLIGHTS

- **COLLETON SOLAR FARM, WALTERBORO, SC**
- **CAROLINA ICE PALACE, NORTH CHARLESTON, SC**
- **MARINE CORP RECRUITING DEPOT, PARRIS ISLAND, SC**
- **SHAW AIR FORCE BASE, SUMTER, SC**
- **PORTER-GAUD SCHOOL, CHARLESTON, SC**
- **WEBB & ALLEN ORTHODONTICS, HUNTERSVILLE, NC**
- **WESTBROOK BREWERY, MT. PLEASANT, SC**
- **CHRIST OUR KING SCHOOL, MT. PLEASANT, SC**
- **PINCHGUT CREEK, MT. AIRY, NC**
- **WEEHAW PLANTATION, GEORGETOWN, SC**
- **VA HOSPITAL, CHARLESTON, SC**
- **HABITAT FOR HUMANITY, CHARLESTON, SC**
- **CHARLESTON DETENTION CENTER, CHARLESTON, SC**
- **MUNDEA GROUP, ORANJESTAD, ARUBA**

## Management Team

### Donald Zimmerman, President / CEO

Don is a seasoned technology veteran who has worked in the photonics industry for over twenty-eight years. He worked for AT&T Bell Labs designing fiber optic systems. Don co-founded and managed the R&D for the optical amplifier division of JDS Uniphase. He started a consulting company, Light Systems Associates, and while working with AT&T Labs, developed his skills in solar energy systems engineering and design.

Don has been formally trained in PV systems by Solar Energy International (the leader in solar energy training). He holds a BS in Electrical Engineering from the University of Michigan, a MS in Optics from the University of Rochester, and a MBA from Columbia University. He holds seven patents and actively contributes to the solar energy research and development community. He is a certified solar PV Installation Professional by the North American Board of Energy Practitioners (NABCEP). He currently serves on the boards of both the SC Solar Council and the SC Solar Business Alliance.

### Craig Knowlton, Director of Business Development

Prior to joining Alder Energy Systems in early 2014, Craig Knowlton worked as the Inside Sales Manager at RGS Energy, a nationwide solar integrator based in Louisville, CO. After three years living along the Rocky Mountains, he returned to sunny Charleston with his family, committed to providing economically and environmentally sustainable electricity solutions across South Carolina. Craig's experience extends beyond alternative energy, having worked as Educational Sales Manager for Sylvan Dell Publishing in Mount Pleasant and as an Adjunct Professor at College of Charleston and Trident Technical College.

Craig holds a MA in English from College of Charleston & The Citadel as well as a BA from Kenyon College.