



SOLAR ENERGY  
SERVICES

## STATEMENT OF QUALIFICATIONS



**Corporate Headquarters:**  
239 Main Street, Suite 301  
Dickson City, PA 18519  
P: 570-489-6920  
[www.shoener.com](http://www.shoener.com)

# About Us



Shoener Environmental, Inc. was founded in 2000. We have unique expertise in the development and permitting of renewable energy projects that minimize environmental impacts through the use of innovative project designs and low impact technologies. We help clients faced with challenges that demand environmental experience, strategic planning, project management and practical solutions.

We work with you to find a strategy to make your way through the regulatory systems to get your project built, no matter how big or how small. We understand you want your project to be both green and profitable – and we will help you find a way to maximize both objectives. As a result of understanding these processes we are able to serve our clients business needs and financial interests.

## Office Locations

*Shoener Environmental, Inc. provides consulting services throughout North and South America from our four offices in Pennsylvania, Illinois, and California.*

### **Headquarters**

239 Main Street, Suite 301  
Dickson City, PA 18519  
P: 570-489-6920 F: 570-309-0024

### **Western Pennsylvania Office**

1405 Eisenhower Blvd., Suite 105  
Johnstown, PA 15904  
P: 814-736-3080

### **Mid-west Field Office**

15 S. Old State Capital Plaza  
Second Floor  
Springfield, IL 62701  
P: 570-489-6920

### **California Field Office**

Pasadena, CA 91101  
P: 570-489-6920

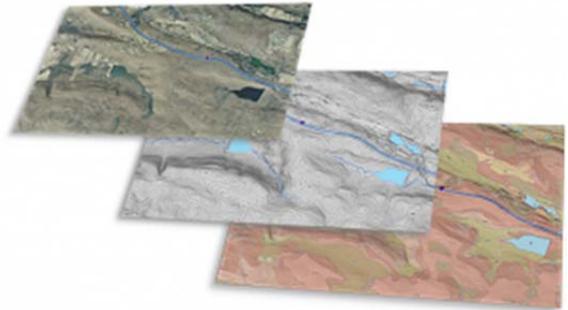


# Professional Services

Our portfolio includes civil engineering, land surveying, and environmental consulting services. Our focus has been on the development of renewable energy projects, particularly wind and solar energy projects, as well as utility, residential and commercial land development projects.

## Planning and Site Evaluations:

- GIS mapping
  - Property ownership and land rights
  - Vegetation and land use
- Endangered and sensitive species analysis
- Phase 1 environmental site assessments
- Fatal flaws and critical issues analysis
- Permitting matrix preparation
- Regulatory agency coordination
- Community relations



## Development and Permitting:

- Regulatory agency coordination
- Landowner relationship development
- Engineering and planning site preparation
- Construction analysis
- Drainage studies
- Access road planning
- Transportation planning
- Ecological studies
- Threatened and endangered species surveys
- Wildlife habitat assessment
- Local Permitting
- Zoning Ordinance Compliance



## Construction and Operations:

- Environmental compliance monitoring
- Avian/bat carcass monitoring
- RFPs for BOP/EPC contractor selection
- Bid support services
- SPPC spill control plans



# Our Team

Shoener Environmental staff has held federal and state government management positions, so we understand what it takes to help clients resolve regulatory issues, obtain environmental permits and manage environmental programs. Our team will help you get your solar project through the permitting process and into production.



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**Ed Shoener**  
**President/Founder**

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Mr. Shoener is an environmental management executive and consultant with over 30 years experience in the environmental protection profession. Prior to starting Shoener Environmental, Inc., he held management positions with the U.S. Environmental Protection Agency and the Pennsylvania Department of Environmental Protection, working nationally and internationally. He has over 15 years of experience in the renewable energy industry. Mr. Shoener holds a Master of Environmental Pollution Control degree and a Bachelor of Science degree in Environmental Resource Management, both from Penn State University.



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**Jason Tourscher**  
**Director of Site Assessment and Permitting**

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Mr. Tourscher has over a decade of professional experience conducting environmental consulting services for utility and energy companies. His professional experience includes environmental permitting, threatened and endangered species surveys, and site assessments. As the Director of Site Assessment and Permitting, Jason has provided environmental permitting support to utility-scale renewable energy projects throughout the United States. Mr. Tourscher holds a Bachelor of Science degree in Ecology and Environmental Biology and a Master's in Biology, both from Shippensburg University.



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**William Schneider, PE**  
**Director of Engineering**

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Mr. Schneider has been providing engineering services to private and public clients since 1998. During that time, he has worked with multiple aspects of development including commercial development, municipal projects, renewable energy projects, complex storm water and multi-phased Erosion & Sedimentation control projects, and construction inspection. While working in Northeast Pennsylvania, he has managed a broad range of projects that blanket the eastern and central United States. He earned his B.S. in Civil Engineering from Western Kentucky University and holds a Professional Engineering license in Pennsylvania.



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**Ryan Pohle**  
**GIS Manager**

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Mr. Pohle is an environmental scientist specializing in Geographic Information Systems (GIS) mapping services. Ryan has conducted numerous feasibility studies and site assessments for utility-scale solar energy projects in the eastern United States. Mr. Pohle holds a Bachelor of Art degree in Geography with a concentration in environmental planning from Bloomsburg University, and he holds a Professional Certificate in GIS from Penn State.

# Representative Project Profiles

Our focus has been on the development of utility-scale renewable energy projects, particularly wind and solar energy projects, as well as utility, residential and commercial land development projects. From utility-scale energy to local development projects, Shoener Environmental has assisted our clients in successfully completing hundreds of projects. This portfolio includes some of our key solar projects.

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## **Franklin County Solar Farm Pennsylvania, United States**

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When completed, this solar project will generate 14-megawatts of electricity from a series of solar panels located on approximately 250 acres of private land. Shoener Environmental provided the following professional services for this project:

- Feasibility Study
- Wetland Delineation and consultation with U.S. Army Corps of Engineers
- Civil design of road layout and site grading
- Acquisition of National Pollution Discharge Elimination System (NPDES) Permit
- Acquisition of local land development approvals



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## **Confidential Solar Projects New York, United States**

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Shoener Environmental assessed nine sites in the Hudson Valley and Capital regions of New York for environmental and permitting constraints that would affect the ability to locate utility-scale solar facilities. The sites varied in size from approximately 100 to 500 acres. Each site was field reviewed by Shoener Environmental scientists and constraint maps were generated.



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## **Confidential Utility-scale Solar Development Projects California, Maryland, New Jersey, New York, and Pennsylvania**

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Shoener Environmental has conducted site evaluations for numerous utility-scale solar energy development sites throughout the United States. The professional services typically conducted for these sites include:

- Site selection
- Fatal flaws and critical issues analysis
- Wetland assessments and delineations
- Erosion/sedimentation control and stormwater management considerations
- Regulatory agency coordination
- Permitting support

