

LEIGH W. SEDDON**ENERGY CONSULTANT**

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QUALIFICATIONS

- Over thirty years of experience in design, development, marketing, and installation of solar electric, solar thermal, and energy-efficient technologies.
- Consultant to government agencies and organizations carrying out solar electric and solar thermal development, including training, assessment, and policy work in developing countries.
- Technical and policy consultant to U.S. utilities developing renewable energy programs.

PROFESSIONAL EXPERIENCE

L.W. Seddon, LLC	2011-present
Principal	
<ul style="list-style-type: none"> • Photovoltaic plant design, permitting, and interconnection for selected clients. • Feasibility review and financial assessment of utility-scale PV plants for financial institutions. • Expert witness before VT Public Service Board on PV pricing, capacity factors, and construction. 	
Alteris Renewables, Inc.	2008-2011
VP, Engineering	
<ul style="list-style-type: none"> • Design, costing, and contracting studies for utility-scale solar installations • Permitting and interconnection studies for utility-scale solar installations • System design for complex photovoltaic and solar thermal projects 	
Solar Works, Inc. (merged with SolarWrights to form Alteris Renewables, Inc.), <i>Montpelier, VT</i>	1980-2008
<ul style="list-style-type: none"> • Company founder, President, CEO • Designed and installed solar energy systems worldwide, developed renewable energy programs • Established corporate financial planning and capitalization 	

PROJECT EXAMPLES – DESIGN AND INSTALLATION

Limerick Road Solar Farm, Shelburne, VT	2013
<ul style="list-style-type: none"> • Design, permitting, and construction oversight for 3 MW solar farm 	
Pownal Solar Farm, Pownal, VT	2011
<ul style="list-style-type: none"> • Design and permitting for 2.2 MW solar farm 	
Ferrisburgh Solar Farm, Ferrisburgh, VT	2010
<ul style="list-style-type: none"> • Design and permitting for 1 MW solar farm 	
National Life Headquarters, Montpelier, VT	2008
<ul style="list-style-type: none"> • Design & permitting for 73.15kW roof-mounted photovoltaic system 	
United Natural Foods, Dayville, CT	2007
<ul style="list-style-type: none"> • Design of 550 kW utility-interconnected photovoltaic system 	
New York Energy Research and Development Authority (NYSERDA), NY	2002-2006
<ul style="list-style-type: none"> • Prime contractor for New York's <i>School Power...Naturally</i> program. Design and construction management for PV systems at 50 schools. Developed renewable energy curricula for New York 	
Salinas Valley Memorial Hospital, Salinas, CA	2002
<ul style="list-style-type: none"> • Design and installation of 150 kW utility-interconnected photovoltaic solar carport, Salinas, CA 	

CONSULTING AND TRAINING SERVICES

- National Renewable Energy Laboratory, West Bengal, India** 1996
- Training and installation services for the Ramakrishna Photovoltaic Project
- Renewable Energy for African Development, South Africa** 1995-1997
- Training for university faculty and non-governmental organizations for implementation of program delivering solar home energy systems to townships.
- New England Electric Power Company, MA** 1994
- Prime contractor for the NEPCO Solar Hot Water Demonstration Project to analyze performance and reliability of SHW as a demand-side management resource.
- Vermont Department of Public Service, VT** 1993
- Performed cost/benefit analysis of energy efficiency and solar energy regulations relating to new construction.
 - Author - Vermont Solar Energy Guide and Directory

EDUCATION

- Bachelor of Science in Resource Economics
University of Vermont, 1975
- Electrical Engineering Major
University of Pennsylvania, 1969-1970

PROFESSIONAL TRAINING

- OSHA**
Construction Safety and Health – 10 Hour 2008
- Photovoltaic Design**
Advanced PV Design & Installation – Bill Brooks instructor 2006

LICENSES AND CERTIFICATIONS

North American Board of Certified Energy Practitioners (NABCEP) – certified 2004 to 2012

AFFILIATIONS

President & Board Chair, Energy Action Network, Montpelier, VT

SELECTED PUBLICATIONS

- **Sandia Laboratory**
Stand-Alone Photovoltaic Systems: A Handbook of Recommended Design Practices. Responsible for economic methodology, system designs, and editing. 1987
- **Harrowsmith Magazine**
“Solar Alchemy (Photoelectrochemical Cells)”
“RX for Window Pains (High-Tech Windows)”
“Breaking the Grid's Lock (Photovoltaic Houses)”
- **Vanguard Press**
“Better Deal for Ratepayers”
“Planners Ignore the End of the Oil Era”
- **Vermont Environmental Report**
“Too Cheap To Meter: 25 Years of Vermont’s Energy Policy”
“Photovoltaics: a Sunny Future For Vermont”
“Making Headway With Energy Conservation”
“Energy Growth at Any Cost?”