

BRISTOL STICKNEY

Solar Heating Designer and Consultant

BRISTOL STICKNEY is Co-Owner and Partner of CEDAR MOUNTAIN SOLAR, LLC in Santa Fe New Mexico where he leads the company as Technical Director, primarily focused in developing solar technology, high efficiency solar hydronic heating, passive solar building design, E10 evaluations and industry consulting. Cedar Mountain Solar is a design-build company specializing in solar hydronic heating systems for residences, businesses and commercial applications in NM and surrounding states. As such, Mr. Stickney works with Cedar Mountain Solar Systems' design and installation teams, consulting and providing custom design and integration elements for a variety of client applications. Recently Bristol Stickney and CMS Co-Owner Boaz Soifer formed a new company with a third colleague, Fred Milder, PhD-Nuclear Physics. This company, SOLAR LOGIC, LLC was formed to meet the growing national demand within the industry for Mr. Stickney's highly-regarded approach to Solar Heating Controls, by "packaging" Mr. Stickney's control systems and training others in this technology, its strategies and applications, first nationally and eventually internationally. The objective is to assist and expedite the national expansion of quality solar heating by providing industry professionals with the Black-Box that will "fold" the most complex steps into a portable, usable, working system - affording the sharing of decades of R&D with others in this field, providing them with knowledge, skills and new revenue streams as independent representatives of the CMS/Solar Logic aggregate.

In addition to his primary businesses, BRISTOL STICKNEY offers his knowledge and years of experience in alternative energy by consulting to companies in various industries, speaking at symposiums, conferences and industry conventions, and teaching aspects of solar hydronic heating in alternative energy and renewable fuel programs at colleges and universities. Mr. Stickney writes articles and ongoing columns for various publications including industry magazines such as Solar Pro, PE and PHC News. He is also currently writing a book which will be a synthesis of his knowledge and his most current research. Mr. Stickney worked with the New Mexico Solar Energy Association over a 17-year period in several positions including Director of Research and Board Vice-Chair. He was a Research Associate of Amory Lovins at the E-source office of The Rocky Mountain Institute, and a consultant to Zomeworks Corporation on heating and cooling optimization. Mr. Stickney's awards include a 2008 Showcase Award for Solar Heating Design from the Radiant Panel Association. His degree from the University of Maine is in Mechanical Engineering (1976) and he has continued his education through a spectrum of programs, and the NASA Database. He holds a Mechanical Contractor's license and is a skilled technical writer, public speaker, computer programmer, control systems designer (awarded a patent with another patent-pending), energy efficiency expert, water heating researcher, construction worker, auto mechanic, backhoe tractor operator, skier, photographer, musician, motorcyclist, bicyclist, kayaker, canoer and hiker. "— Any excuse to spend more time outdoors."

BOAZ SOIFER

Solar Energy Entrepreneur & Advocate

BOAZ SOIFER is Co-Owner and Partner of CEDAR MOUNTAIN SOLAR, LLC in Santa Fe, New Mexico where he leads the company as its General Manager. Mr. Soifer formed Cedar Mountain Solar with Solar Heating Designer/Researcher Bristol Stickney in 2004, having recognized the enormous national absence of knowledgeable, highly skilled solar heating companies, alongside the unique and superb conditions of New Mexico as a Solar Laboratory. Mr. Soifer is directly involved in all aspects of Cedar Mountain Solar, with particular focus on business development, industry outreach and alliances, consulting, legislation and education. Recently he and CMS Partner Bristol Stickney formed a new company with a third Partner - colleague Fred Milder, PhD-Nuclear Physics. This company, SOLAR LOGIC, LLC was formed to meet the growing demand within the industry for Mr. Stickney's solar heating controls, and will create a national pathway by implementing Mr. Soifer's business model and "packaging" Mr. Stickney's patented control systems. The objective is to assist and expedite the national expansion of quality solar heating by providing industry professionals with the Black-Box that will "fold" the most complex steps into a portable, usable, working system - affording the sharing of decades of R&D with others in this field, providing them with knowledge, skills and new revenue streams as independent representatives of the CMS/Solar Logic aggregate.

In addition to his work with CMS and Solar Logic, BOAZ SOIFER is a highly active member of the Northern New Mexico community, volunteering his time to colleagues in the field, college programs, planning and community efforts, including various State and City groups working to advance renewable energy incentives. He is Vice-President of the NM Renewable Energy Industries Association and sits on the Board of the Santa Fe Alliance. Mr. Soifer made CMS an active Sponsor for Youthworks Green Collar Jobs Apprenticeship Program - and was honored with a "Muchas Gracias" award from the City of Santa Fe for exceptional partnership and commitment. His leadership has brought CMS both national and local awards, including a Small Business of the Year Award and a Fastest Growing Small Company Award from NM's Business Weekly in 2007, when the company was barely three years old. Mr. Soifer is a solar heating expert and an adept technical writer in local and national publications such as The Sustainable Santa Fe Guide and SolarPro Magazine. He is a consultant, public speaker, planner, implementer, negotiator, ambassador, mediator and musician. He lives on Cedar Mountain in an off-the-grid home that continues as a work-in-progress.

Biographical Summary
August 2009

MARK STEVENS

Installation Operations & Construction Manager
Cedar Mountain Solar LLC

Mark Stevens moved to Santa Fe from the East Coast to join Cedar Mountain Solar in 2008, and leads the company's Installation Operations. Mark has a BS in Aerospace Engineering from the University of Maryland, and is a Certified NABCEP Solar Thermal Installer. His hands-on experience includes over 40 CMS solar hot water systems and numerous CMS whole home heating systems. As part of Cedar Mountain's educational outreach, Mark teaches and speaks to Northern NM communities on solar heating options, and has taught several solar hydronic heating courses at the well-known, lean and green Santa Fe Community College.

Biographical Summary

August 2009

FREDRIC MILDER, PhD

Chief Operations Officer

SolarLogic LLC

DR. FRED MILDER is a Principal of SolarLogic and leads the company as its Chief Operations Officer. As COO he is responsible for business planning, financing, intellectual property and product development. He brings an impressive track record of experience and execution in building companies. Dr. Milder was founder and CEO of Implemed for nine years, and founder of Cryocath Technologies in 1995 - a company that went public in 2000 and was recently bought by Medtronic. Dr. Milder has worked as a consultant, and taught Physics and Mathematics at the Wentworth Institute of Technology in Boston, MA. He also developed science and mathematics courses for Website education under Harcourt Higher Education (Thompson Publishing).

Over the years, Dr. Milder has served as a researcher and consultant in various arenas, including intellectual property, materials property enhancements through ion implantation and directed energy, medical imaging, the artificial heart and other medical devices. He holds a Ph.D. and M.A. in Nuclear Physics from the University of Michigan, and a B.A. in Physics from the Massachusetts Institute of Technology. Dr. Milder and his family currently live in Santa Fe, in an exemplary off-grid home powered by photovoltaics and an integrated, whole-home hydronic heating system — leaving no appliances, electronics or modern conveniences behind.