Overview:
Envision Solar takes a unique approach to renewable energy systems design and implementation. Distributed solar power generation can be beautiful, efficient and affordable. Solar does not have to sit on rooftops. Parking lots are valuable, under-utilized, real estate and when covered with Envision Solar’s solar products, can generate power, provide shaded parking and generate additional revenue or reduce operating costs.

Envision Solar is a leading planner, architect and inventor that designs and deploys clean energy systems globally. The company provides strategic long-term solutions and applies architectural and planning expertise to create deployable products that deliver architecturally accretive solar energy solutions. The company develops innovative systems for corporate, government, educational and public entities with products including the Solar Tree® array, EnvisionTrak™, and EV ARC™. Envision Solar was the first to invent and deploy solar structures that address the millions of unused parking spaces.
Executive Team:

Desmond Wheatley, President and CEO
Mr. Wheatley has two decades of senior international management experience in technology systems integration, energy management, communications and renewable energy. Mr. Wheatley was a founding partner in the international consulting practice Crichton Hill LLC. Prior to founding Crichton Hill, Mr. Wheatley was CEO of iAxis FZ LLC, a Dubai based alternative energy and technology systems integration company. From 2000 to 2007 Mr. Wheatley held a variety of senior management positions at San Diego based Kratos Defense and Security Solutions, fka Wireless Facilities with the last five years as President of ENS, the largest independent security and energy management systems integrator in the United States. Prior to forming ENS in 2002, Mr. Wheatley held senior management positions in the cellular and broadband wireless industries; deploying infrastructure and lobbying in Washington DC on behalf of major wireless service providers. Mr. Wheatley’s teams led turnkey deployments of thousands of cellular sites and designed and deployed broadband wireless networks in many MTAs across the US. Mr. Wheatley has founded, funded and operated four profitable start-up companies and was previously engaged in M&A activities. Mr. Wheatley evaluated acquisition opportunities, conducted due diligence and raised commitments of $500M in debt and equity.

Chris Caulson, Chief Financial Officer
Mr. Caulson brings close to 20 years of financial management experience including security infrastructure and technology integration, wireless communications, and telecommunications industries. From 2004 through 2009, Mr. Caulson held various positions including Vice President of Operations and Finance of ENS, the largest independent Technology Systems Integrator in the United States and a wholly owned division of Kratos Defense & Security Solutions, Inc.
In this role, Mr. Caulson was responsible for the operational and financial execution of multiple subsidiaries and well over $100 million of integration projects including networks for security, voice and data, video, life safety and other integrated applications. Prior to 2004, Mr. Caulson was CFO of Titan Wireless, Inc., a $200 million international telecommunications division of Titan Corp., (subsequently purchased by L-3.). Mr. Caulson, who has a BAcc from the University of San Diego, began his career with the public accounting firm Arthur Andersen.

Robert L. Noble, Founder and Chairman
Mr. Noble is an accomplished architect, environmental designer, industrial designer and environmental technology entrepreneur. Mr. Noble and his work have won numerous awards, including awards from Popular Science Magazine (Best of What’s New, 2003), Entrepreneur Magazine (Innovator of the Year, Environmental Category, 1993), National Public Radio (E-chievement Environmental Award), the Urban Land Institute and The American Institute of Architects.

Prior to founding Envision Solar, Mr. Noble was CEO at Tucker Sadler architects in San Diego, California. He received an undergraduate degree from the University of California, Berkeley, a Master of Architecture degree from Harvard and also completed graduate work at Cambridge University and Harvard Business School.

Customers:
Envision Solar’s unparalleled installed portfolio includes projects at college campuses, corporate offices and retail environments. Customers have included Cadillac, GM, Dell, Johnson & Johnson, McDonald’s, University of California San Diego, Ecotech Institute and Kyocera
Product and Service Overview:

Envision Solar’s designs and structures address the commercial solar parking lot array market. With over 800 million parking spaces in the U.S alone, commercial parking lots and parking structures provide a tremendous opportunity for solar deployment and media branding.

Unlike traditional rooftop-mounted solar arrays, Envision Solar’s designs are architecturally accretive, visible commitments to environmental responsibility, as well as adding value to any property and paying for themselves through reduced energy costs. Envision Solar provides a range of product enhancements, such as security devices, architectural lighting, marketing and branding tools in the form of integrated company logos and flat screen televisions and communication devices, making the best products available in the Solar Shaded Parking Market even better.

With Envision Solar’s EnvisionTrak™ technology, the productivity of the Solar Tree® array is increased by 18-22%, adding greater value to our shared environment and further reducing the energy bills of our customers. Tracking Solar Tree® arrays look great too.

Envision Solar’s latest product offering, the EV ARC™ (Electric Vehicle Autonomous Renewable Charger), is the world’s first and only transportable solar powered electric vehicle charging product on the market. It fits inside a standard 9x18 parking space, does not reduce parking in any way and comes equipped with one level 2 charger or 2 level one chargers. The EV ARC™ requires no foundation, trenching or building permits and has a fast “drag and drop” deployment in minutes.
Life-Cycle Management:

Envision Solar can manage the entire life cycle process of a project from site feasibility, design, entitlement, costing and budgeting, construction and engineering.

Sustainable Infrastructure Master Planning

Envision Solar provides sustainable infrastructure master planning (SIMP), which includes: development of an integrated overall project sustainability strategy, consideration and assembly of co-participants and review and consideration of sustainable design, technology, infrastructure and “best practices.” Envision Solar develops the project design guidelines, produce the building and structure concept design, define the project scheduling, participate in the development and review of all cost estimates and budgeting, LEED analysis and assess relevant technologies, qualifications and capabilities of manufacturers, contractors and service providers.