



# CORPORATE OVERVIEW .

Energias Limpias de Centroamérica (ELCA) specializes in unlocking the value of advanced Distributed Energy Resources (DER's) for commercial & industrial clients with a focus in Free Trade Zones and Industiral Parks, municipalities, schools and utilities. With more than a decade of combined experience, we can offer our clients everything from whole building energy modeling to financial analysis project development and financial engineering. Our focus is on behind-the-meter solar power plants, energy storage systems, ice banks, microgrids and virtual power plants. In collaboration with our affiliates and technology partners, we are building and operating some of the largest private microgrids in the hemisphere.



With affiliate offices in the United States, Costa Rica, Guatemala and Mexico we can provide our clients with an end-to-end solution and standardized warranty experience throughout the hemisphere.

# **OUR SERVICES** •



### Production

Solar power is arguably the cleanest, most reliable form of renewable energy available, and it can be used in several forms to help power your business. Solar panels produce renewable clean energy and lock in your costs of electricity for years to come. We'll design, install and manage your clean energy for years to come. All, while helping reduce your carbon footprint.



## Microgrids

A microgrid is a discrete energy system consisting of distributed energy sources (including demand management, storage, and generation) and loads capable of operating in parallel with, or independently from, the main power grid.



# Power Storage

When the sun shines, we can store the electricity generated by solar cells by using batteries or supercapacitors. We help achieve greater control, reliability and security with our Energy Storage Systems (ESS). Our ESS integrates seamlessly with solar to shave peak energy usage, lower demand charges, increase resiliency, generate new revenue streams from grid services and demand response programs and decrease your carbon footprint.

"Integrating energy storage has a wide range of benefits for commercial and industrial customers."

#### These benefits include:

- Lower utility bills
- Improved power quality and reliability
- Decreased carbon footprints
- Simplified integration of onsite renewable solar
- Wind generation
- Electric vehicle charging stations













#### Michael McCuen

#### Founder & Managing Partner

Michael is the Founder and Managing Partner of Energías Limpias de Centroamérica. Michael integrates his 20 years of both high-level corporate exposure and professional business experience, with his vision of cleaner, renewable energy developments.

A graduate with an S.B.A. in International Business from The Ohio State University and an honorably discharged United States Marine, Michael over the last two decades has exhibited a keen ability to enter new markets, both creating and delivering sales solutions that focus on increased revenues and profitability. Under his management, his team at a High-Tech industry delivered both annualized and recurring revenues in excess of \$100 million in less than 4 years.



### Christopher M. Morehead

#### **Director of Operations**

Chris is an experienced architect and project manager with over 18 years in the architectural and construction industries. His international exposure includes the United States and many countries in Latin America.

A California native, University of Kentucky Architecture & Desig graduate, a licensed architect in Costa Rica and a member of the National Council of Architectural Registration Boards (NCARB) in Washington, D. Chris recently lead Establishment Labs of Zona Franca Coyol as the project manager through a \$15,000,000 construction project and Central America's largest private MicroGrid to date.



## Brian J. Schmidley

#### Partner & Advisor

Brian J. Schmidly is a seasoned entrepreneur and an experienced corporate executive having worked in startups, private and Fortune 100 companies. He has worked for 9+ years' in the renewable energy sector as a senior executive both domestically and internationally.

Holder of an MBA from the Thunderbird School of Global Managament and a BA in Latin American Studies from the University of Texas Brian is also a LEED-AP®, a thought-leader on sustainable energy generation, a frequent speaker at conferences in this hemisphere, a member of the DESERTEC Foundation as well as on the board of several international companies like Energía Verde Alternativa S.A.P.L. de C.V. and Energías Limpias de Centroamérica ELCA, LLC, Limited.



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