

Perfect Energy, Inc.

Perfect Energy, Inc.'s primary objective has been to develop Solar Energy since its foundation in January 2011. The team has participated in over three hundred projects, from sales to commissioning and operation. We operate nine systems out of our portfolio of fifteen solar systems under PPAs with Xcel Energy and Black Hills Energy. We participated in developing solar systems from 2.86KW to 5MW farms, some developed in Latin America, which gave us the experience to oversee projects long distance and within different cultures.

But we do not need to go so far. Right here in Colorado, a few miles away, we have two installations: Royal Gorge Bridge Park, which was over \$330,000 cost in 2012, and Lotus School. The project of Lotus School includes solar thermal, high-efficiency boilers, and interior and exterior lighting renewal—the project cost over \$400,000 in 2012. **The main point of these two projects was to recover the investment with the PV production over time, which depends on solar irradiation.** This was the critical decision element for the customer, the electricity distribution company, and the developer/investor. For those reasons, we should better understand sun irradiation.

A teacher of applied mathematics Said: “The obvious is often forgotten in the equation because it is obvious.” So, just in case, we emphasize: At least for this team, the importance of this challenge is to have an accurate tool to calculate the solar energy production based on solar irradiation forecast.

A personal reason for the team captain was becoming an airplane pilot. Anyone interested in aviation knows that most accidents are related to the weather. It is the most crucial risk analysis element to consider for a safe trip for the people on board when the pilot decides on the flight plan.

For the Perfect Energy team, this project is motivated to help aviation performance and commercial solar energy contractual and operation finances. In the end, money moves our society and gives us the opportunity to grow and have a better day. Every day. So, let's find the best way to forecast sun irradiation.

Perfect Energy, Inc.
5350 Leetsdale Dr.
Ste. G150
Denver, CO 80246
Phone 303-500-3099

The Team

Patricia Gonzalez

General Manager and financial point of view.

- Bachelor's degree in international business and marketing. UCD.
- Ten years of experience leading and supervising retail products and services marketing and advertising campaigns to evaluate the financial risk of projects.
- During the last five years, Patricia had to deal directly with customers and crews because of the pandemic personnel reduction. Which gave her a closer and better understanding of solar energy.
- Leadership without limitations.
- She oversees financing and budget control.
- Fully bilingual in Spanish & English.
patricia@perfectenergy.us
303-500-3099 x 701

Malick McGregor

Perfect Energy Owner & IT Principal

- Principal Software Architect.
- Advice and support in the computer system and programs.
- Architect and code writer of new program's needs.
- Fully bilingual in Spanish & English.
Profile: <https://www.linkedin.com/in/malick-mcgregor-b848661b>
malick@perfectenergy.us
303-500-3099 x 703

Luis Jorge Puig

Process Control Advisor Leader

- Chemical Engineering (Polymers) BS, Universidad de Guadalajara.
- Chemical Engineering (Process Control) MS, University of Delaware.
- Nineteen years of experience in operations and process control.
- Nineteen years of experience in forecasting new projects and regular operations.
- Fully bilingual in Spanish and English.
- Profile: <https://www.linkedin.com/in/luisjorgepuig/>
luisjpuig@yahoo.com

Alfonso McGregor

Team Leader

- Bachelor's Degree in business administration and marketing
- Minor in international law and contracts.
- Postgraduate in systems.
- Eight other leadership, technical, and administration disciplines.
- In charge of sales, contracts, engineering, logistics, and general oversight. (Projects Manager)
- Over thirty years of experience as a Project Manager for large and complex jobs.
- Fully bilingual in Spanish & English.

Profile: <https://www.linkedin.com/in/almcgregor/>

almc@perfectenergy.us

303-500-3099 x 702