



**PTG** WATER &  
ENERGY®

**If you experience:**

- High energy costs
- Boiler capacity constraints
- Need for back-up power
- Need for reliable power generated on-site

**We provide:**

- Quick capital pay-back
- Easy installation
- Small footprint
- Extended warranties on equipment
- Continuous monitoring of performance
- Financing options
- Solutions for reuse of water in brewing operations

**PTG Water & Energy**

2306 Merced St.  
San Leandro, CA 94577

Phone: 510-357-0562  
Fax: 510-259-9755  
www.ptgwaterandenergy.com



## LA's Largest Craft Brewer Cuts Energy Costs by More Than 50%

### The Company — Golden Road Brewing

In 2011, beer enthusiasts Meg Gill and Tony Yanow founded Golden Road Brewing to bring fresh beer to the local market in the most sustainable way possible. Golden Road has been growing quickly, and was acquired by Anheuser Busch. The brewery is centrally located in Los Angeles, and is well known for its high quality, unique beers, as well as its appealing brew pub. Golden Road also has locations in Downtown LA and Anaheim.



***"The team at PTG Water & Energy has really delivered for us. The system they installed is generating both electricity and thermal energy onsite. We have effectively shut down our boilers, reduced our energy bills, and lowered the facility's carbon footprint." — Paul Burgis, COO & CFO, Golden Road Brewing***

### The Problem

Being in Southern California, the company faces high power costs for both electricity and for heating a growing volume of water used in brewing beer to meet customer demand. Increasing utility bills reduced profits and cash flow, at the same time additional investment was needed to support expansion. Also, Golden Road was looking at back-up power options, which would further strain capital resources. Additionally, water costs continue to rise with the lingering drought being experienced in the West.

## The Solution

Golden Road Brewing chose the PTG B-200 system given the numerous technical and financial benefits that the system provides. The installation at Golden Road was quick and easy. This system will generate up to 200 kilowatt hours of electricity, supplying up to 90% of the brewery's electricity demand, while cutting electricity costs by more than 60%. In addition, the hot water provided by the B-200 will cut boiler cost by more than 80%.

The B-200 utilizes advanced operator controls with extensive data streaming. The system can also be controlled remotely from a smartphone. The footprint of the B-200 is compact and requires minimal facility preparation and integration. The system is durable with all anti-corrosion, stainless steel wetted parts.

"Golden Road selected the PTG system because it pays for itself in less than three years, and is custom engineered for our brewery's particular needs" said Adam Miller Golden Road's Resident Engineer. "The PTG team provided several creative ideas for customization, and structured the project as a full service, turnkey system. They've gone the extra mile to ensure high quality performance."

The B-200 is both scalable and modular which provides Golden Road with flexible options for additional capacity as the brewery continues to expand.

The financial return is 56% (IRR), with a payback of less than three years. PTG's cost-effective combined heat and power (CHP) technology will move Golden Road towards complete energy independence.



**PTG Water & Energy has expertise in both water treatment and energy management. Our experts can provide solutions for water reuse and on-site power generation.**

## CHP System Cumulative Net Savings Over 20 Years

