The Compañía Cervecera de Puerto Rico (formerly known as Cervecería India) is one of two breweries in Puerto Rico, located in the town of Mayagüez on the west coast of the island. The company was founded in 1937 by the brothers Valdés Cobián: Alfonso, Sabino and Ramón, in Mayagüez, the largest city in the west coast of Puerto Rico. The Valdés brothers were following the example of their father, Don Ramón Valdés, who had founded the Mayagüez Light, Power and Ice Company in 1910. In 1938, their first beer, Cerveza India, was released to the public and thus the name change to Cervecería India shortly after, but in October 2009, the brewery reverted to its original name “Compañía Cervecera de Puerto Rico”.

The company’s main product is Medalla Light, a 4.5% alcohol by volume pale lager. The brewery also produces Malta India, a non-alcoholic soft drink made from barley. In 1940, it began producing Orange Crush and Old Colony sodas. In May 2010 the brewery announced the launching of their new beer, Silver Key Light, it hit the market on June 1, 2010, and on August 1, 2011 followed the launch of Magna a premium beer.

Reasonable investments for a greener future started with the development of the company vision in terms of energy management:

“Develop, implement and optimize existing installations with a sustainable and economically viable future, making sure that our industry does not harm the environment.”

We first identified our main challenges in order to develop our strategic plan. These challenges are:

1. Increase of prices of raw material, energy and transportation
2. Help relieve worldwide shortage of water
3. Stay competitive
4. Reduce carbon footprint
5. Reduce total operational costs

These challenges are being overcome by our approach based on:

- Our belief that green power is only truly green if used efficiently
- Sustainability is not simply about saving the planet but about the environment, business, and society,
- Energy efficiency is a by-product of reliability.

Highlights of our program include:

1. Reducing Environmental (CO2) Impact by 94% in 4 Years
2. Reducing Water Consumption 67% in 4 Years
3. Waste Water Treatment Plant Maintenance Cost Reduced in 70%
4. Waste Water Treatment Plant Power Consumption Reduced by 35%
5. Effectively Using Only Natural Refrigerant Ammonia for Sustainable and Environmental Friendly Solutions (Global Warming Potential = 0)
6. Effectively implementing and Integrating Multi-technology Condition Based Maintenance Program Yielding an 86% reduction on total cost for the Ammonia System in 7 years.
7. Thermal Energy Consumption Reduce by 42% in 6 years
8. Total Energy Consumption Reduce by 40% in 6 years
9. Reducing Waste Water Discharge from 3.3 H2O/HL to 1.5 H2O/HL

CMMS Software and Predictive Maintenance Instruments/Software:

- CMMS Software: Oracle
- Asset Health Management Software: iReliability & Utilities Metering System (UMS)
- Reliability Consultant: VibrAnalysis Puerto Rico
- Vibration Program
  a. Data Collector: CSI2130
  b. Software: Machinery Health Manager
- Infrared Thermography Program:
  a. Equipment: IR Camera Flir P-65 and UE Systems UP-9000 Ultrasonic Probe
  b. Software: Flir Tools+
- Motor Circuit Analysis Program
  a. Equipment: PdMA MCEmax
  b. Software: MCEGold
- Oil Analysis Program
  a. Laboratory: Insight Services
  b. Equipment: UP-9000