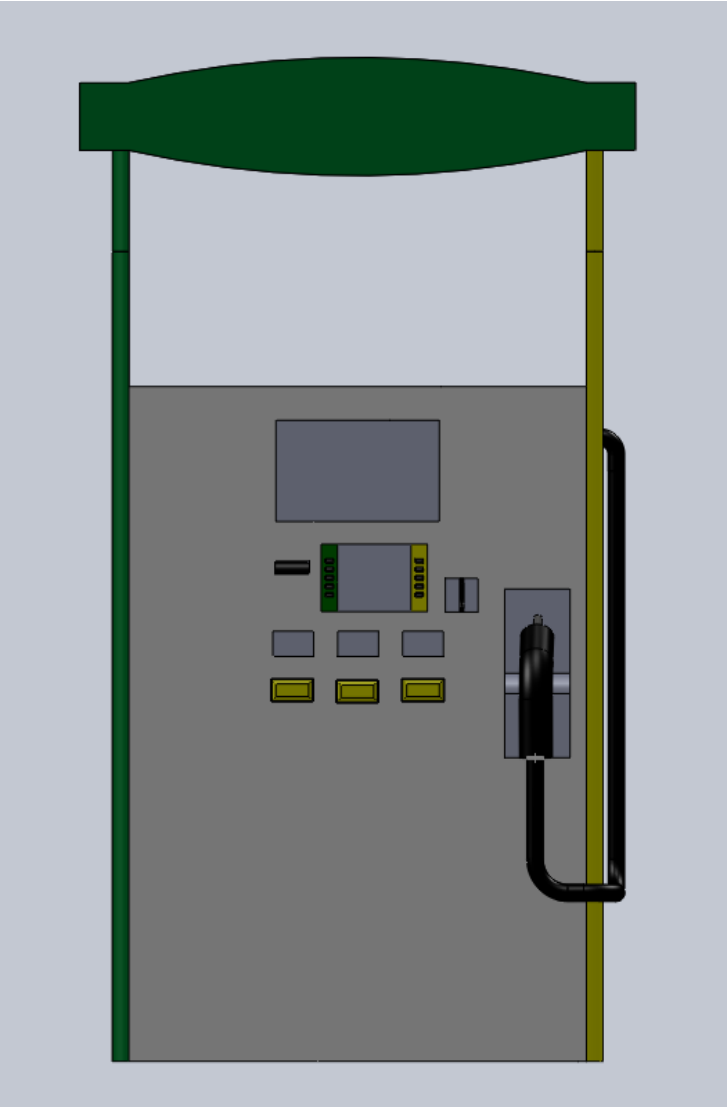
Hydrogen Powered City

Air Products and Chemicals, Inc.

EDSGN 100 Section 18 Prof. Sulewski

Team: Nittany

April 27, 2011



For this project, we had to convert a city's transportation to run on hydrogen. We chose to use Long Beach, California as our city to convert to hydrogen power. The city will have 200 hydrogen staions and 20 compressed natural gas (CNG) pumps for buses and other large vehicles. For a prototype, we chose to make a nozzle that functioned the same way as a normal gasoline nozzle. This would mean that people would already be familiar with the way it works, and they would be more comfortable with the idea of using it.

Jiang Yifan Yvj5043@psu.edu

Tim Kerley Tpk5059@psu.edu

Jack Breisch Jgb5129@psu.edu

Tyler Pierson Tjp5189@psu.edu

Link to complete Project 2 report (PDF)

Link to CAD model