Location
Phoenix, Az

- Weather
  - 80% of year is clear
    - Solar Energy
    - Safe for Hydrogen

- Population
  - Large
    - More chance of people to buy hydrogen cars

- Growth Potential

- Advantages
  - Many cattle farms
  - Existing hydrogen plant close by
Sources

- Cow Manure/ Local sewage
  - Fermentation/electrolysis
- Solar Energy
- Off-Site Production
Dispensing and Storage

- Pressurized thermoplastic lined carbon fiber tanks
  - Prevents rupturing
- Vacuum sealed pump
  - No Leaks
- Underground
  - Keeps out of elements
Power for Operations

- Solar Energy
- Grid Electricity
Impact on the Environment

• Stimulated Economy

• Less air pollutants
  ▫ Naturally generates less
    • Compared to gas

• Recycled waste
  ▫ Cow manure
  ▫ Local sewage
Safety

• Inspection
  ▫ Of the station (Routine)

• Video Surveillance

• Phoenix: few instances of extreme weather

• Two person security detail

• Underground tank storage
  ▫ Keeps safe from elements
  ▫ Prevents rupturing

• Vacuum sealed pumps
  ▫ Prevents rupturing
Amenities of Station

- Vending Machines
  - Food/Drinks
  - RedBox

- All electronic
  - Self check out
    - Credit card/Cash

- Next-in-line Indicator