



Hydrogen Fueling Station, CTRANSPORT Headquarters, Hartford, CT

**Fuel Cell Seminar 2011
Orlando, FL October 31 – Nov 3, 2011**

Avālence *Hydrofiller*™ Electrolyzer

Operation at pressure results in higher reliability and reduced overall power consumption.

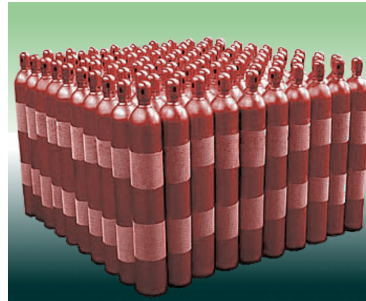


Hydrofiller technology advantages:

- Direct High Pressure Feature: 2500 psig
- Ultra-pure H₂ and O₂ production
- Zero emission operation when integrated with renewable power
 - Generates no CO₂ emissions
 - Utilizes grid sources as needed
- Core technology applies across markets and applications
- Standard 1-50 kg/day model being certified
- 6500 psig in development
- Scale-up underway

Hydrofiller™ Markets

**Near Term
Markets**



**Industrial
Hydrogen**



**Backup
Power**



**Industrial
Transportation**

**Growth
Markets**



Transportation



**Energy
Storage**

Marquis Clients Value Renewable Hydrogen



Solar Powered Back-Up Power System at UTC Power, Windsor, CT



Complete Solar Powered Hydrogen Fueling Station at General Motors, Milford, MI



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