



**NATURAL GAS &
HYDROGEN FUELING
STATION SIZING SOFTWARE**

Features

Quick analysis for:

- NGV Fueling Stations
- Hydrogen Fueling Stations
- Fuel Storage Cascade and Compressor Sizing
- Simulation of Vehicle Fueling Patterns
- Real-time Graphical Displays
- Summary and Detailed Reports
- User friendly – compatible with Windows® /XP/Vista/7

Potential Users

- NGV Station Designers and Specifiers
- Hydrogen Station Designers and Specifiers
- Fueling Station packagers and marketers
- Gas, electric, energy marketers
- Vehicle and component manufacturers
- Vehicle owners/operators and fleet managers

CASCADE™ Gaseous Fueling System Sizing Software

The *CASCADE™* program was developed by Gas Technology Institute (GTI) and InterEnergy™ Software to aid designers of natural gas vehicle (NGV) and hydrogen fueling systems.

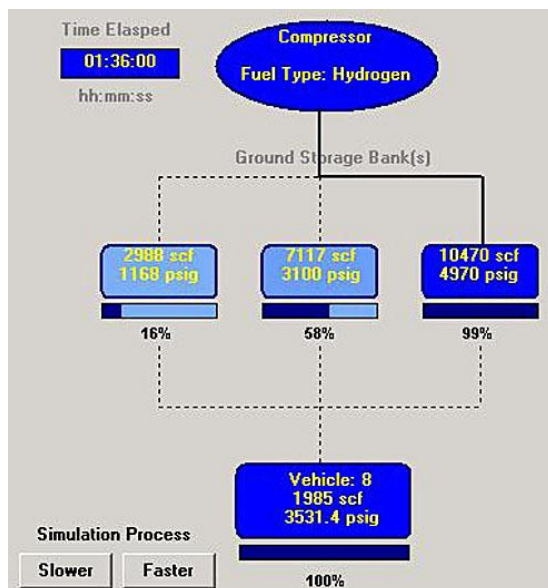
CASCADE™ is a simple, yet powerful tool for looking at a broad range of factors like compressor size, cascade storage size, number of cascade banks, pressure level, vehicle fuel storage size, etc. With *CASCADE™*, users can quickly and easily examine system trade-offs such as compressor size, ground storage cascade size, and vehicle fueling patterns to provide capital and operating cost savings while also meeting customer refueling expectations.

CASCADE™ is a valuable software tool that gives NGV and hydrogen vehicle industry participants powerful insights into gaseous fueling system operation, sizing, and performance.

CASCADE™ V3.0

CASCADE™ V3.0 is an upgrade from prior versions. Among the many new features are:

- Natural gas or hydrogen fuel choices
- Expanded station and vehicle pressure selection (up to 10,000 psig)
- Expanded and enhanced user interface and reporting options



How To Order or Obtain More Information About CASCADE™

The *CASCADE™* V3.0 station-sizing program is available for purchase by:

- Online purchase at www.gastechnology.org (go to Find/Order a GTI Report or Publication and enter GTI-02/0136),
- Or through InterEnergy™ Software (www.interenergysoftware.com),
- Or by calling our order fulfillment service at 800-883-7743 and requesting to purchase *CASCADE™* (refer to item GTI-02/0136).

For more information about *CASCADE™*, please visit the InterEnergy™ Software website.

Registered *CASCADE™* V2.0 users will receive a free upgrade to a planned V2.1 release in 2003 that will include further program enhancements (including fast-fill temperature rise and enhanced vehicle profiling).

Custom versions of *CASCADE™* available upon request.