

GH2 Station: DTE Energy Technologies, Detroit, Michigan

- Servicing distributed generation and vehicle fuelling assets

STATION SPECIFICATIONS:

Hydrogen Generation

- 1060 SCFH (2.5 kg/h)
- 5700 psig (393 Barg)

Hydrogen Storage

- 57,700 SCF (137 kg)
- 5700 psig (393 Barg)
- ASME cylinder: (5 – 16"Ø x 20')
(3 – 20"Ø x 20')
- 3 bank cascade

Distributed Generation Assets

- 10 - 120 Vac, 4 KW fuel cells to 480 Vac. 3Ø. 36 KW
- 1 - 480 Vac, 3Ø, 55 KW ECE/GS - Future
- 2 - banks 480 Vac, 3Ø, 33 KW Photo Voltaic
- Bi-Directional Feed to Grid

Vehicle Dispenser

- 1 hose
- 5000 psig (350 Barg)
- CaFCP Compliant

Codes

- NFPA 50A
- NFPA 52
- ASME B31.3
- NFPA 70 (NEC)

