

Sample CNG Station Hamilton Street Railway

- Servicing an urban population of 325,000
- CNG bus fleet of 120 - 48 passenger units
- Cost to construct approximately \$ 2.3 million U.S.
- Station Specifications:

Compression

- 4 compressors providing
- 1000 installed compressor HP
- 3500 scfm (4240 kg/hr) with a suction of
- 200 psig (14 Barg) and a discharge of
- 3600 psig (248 Barg)

Storage

- 3 ASME cylinders
- buffer configuration
- capacity of 22,000 SCFH (440 kg)
- pressure at 3600 psi (248 barg)

Vehicle Dispenser

- 3 single hose dispensers
- capable of fuelling 2 buses and 1 light vehicle on a priority basis
- average fill time 4 minutes per bus
- daily fill cycle from 11pm to 5am



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