



Natural Gas Vehicles

UGI Utilities, Inc.

Public Utility Commission NGV Forum

April 18, 2014

UGI NGV Development

- *NGV Development*

- To **promote** the use of Compressed Natural Gas (CNG) as a transportation fuel
- To **educate** consumers and fleet managers on the benefits of CNG versus traditional gasoline and diesel transportation fuels
- To **facilitate** the collaboration of CNG Station and NGV vendors with consumers and fleet managers to develop projects

UGI Challenges to Serve

- *Challenges to serve NGV Projects*

- UGI can provide the natural gas distribution infrastructure to serve CNG stations when the distribution main is in **close proximity** to the proposed station;
- And, the distribution main has **at least 50 psig**;
- And, the distribution main has the **capacity to serve the hourly flow requirements** of the CNG station compressor(s).
- If any of these infrastructure challenges are *not met*, UGI typically can't serve the CNG station for an NGV project.
- Finally, a profitability analysis is conducted to determine if any aid in construction is required.

UGI NGV Successes

- NGV Successes

- River Valley Transit - 30 new dedicated CNG Buses, Public/Private Access CNG Station
- Coremark - 20 new dedicated Freightliner Box Trucks, Private CNG Station
- Clearfield County "Meals on Wheels" - 11 Bi-Fuel Ford Vans, Private CNG Station
- Plains Township & Dupont Borough - New Dedicated Refuse Freightliner Recycling Truck, Private CNG Station
- CNG of New Holland - Public Retail Fast-Fill CNG Station

UGI Future NGV Projects

- *Future NGV Projects*

- PA American Water - 40 new **Light & Medium Duty Trucks**, Private CNG Station
- Lancaster County Solid Waste Mgt. Authority - 14 new dedicated **Waste Hauler Trucks**, Semi-Public (other local Municipal Fleets)/Private CNG Station
- Clinton County Solid Waste Authority - 13 Bi-Fuel **Heavy Duty Trucks**, Public/Private Access CNG Station (Lock Haven University **Trolley Buses**)
- Lehigh Gas - **Public Retail Fast-Fill CNG Stations:**
Whitehall and Harrisburg

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