



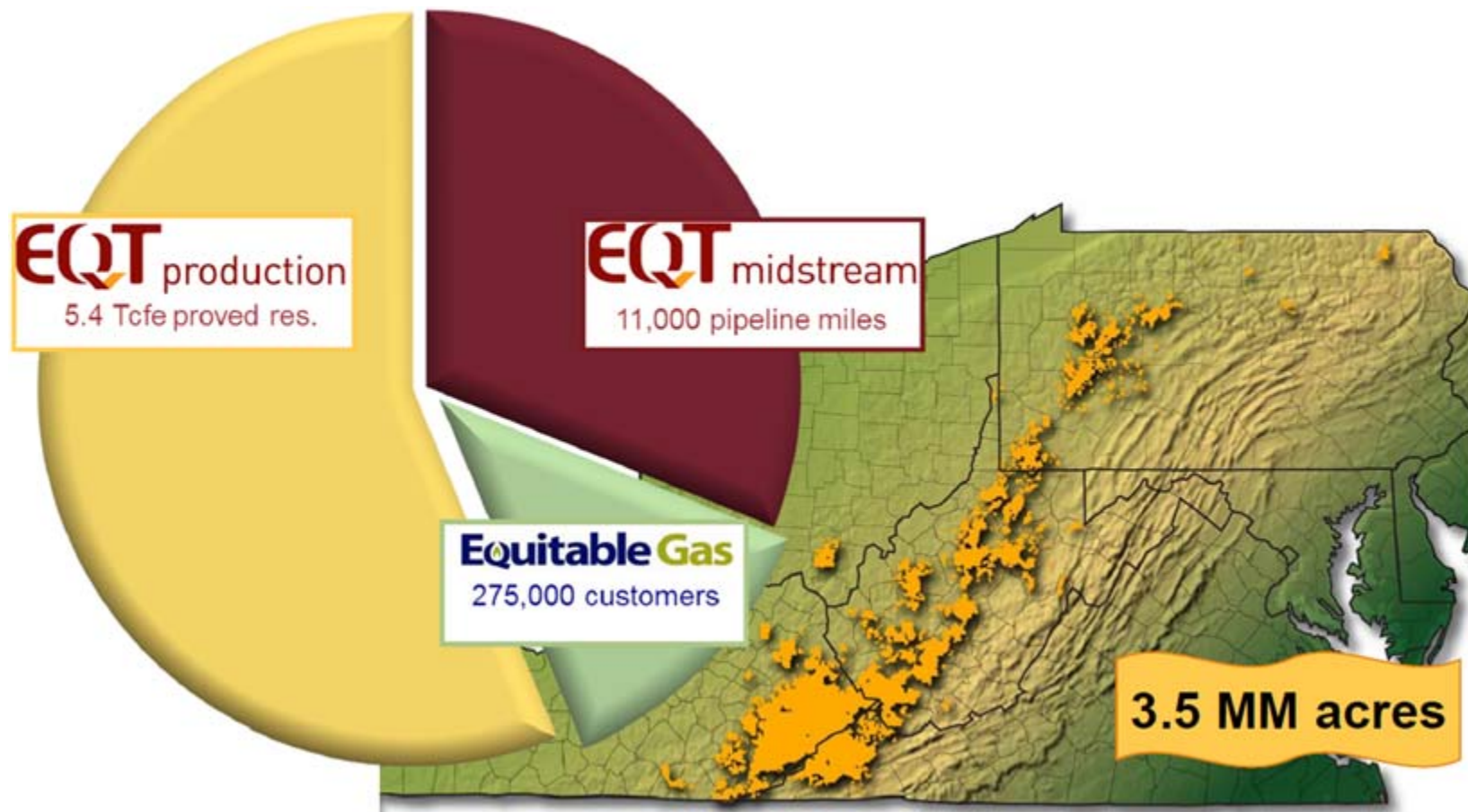
Where energy meets innovation.

Public Utilities Commission: Alternative Fuel Vehicle Forum

John Quinn, Vice President, Rates & Sales
Andrew Place, Corporate Director, Public Policy Research

May 31, 2012

A leader in exploration & production in the Appalachian Basin



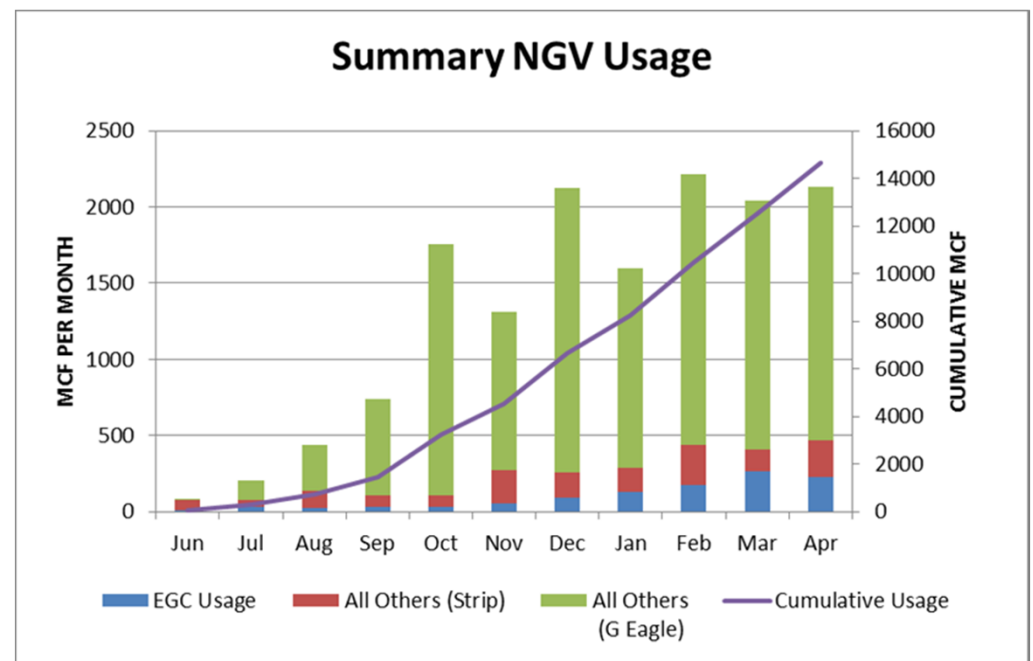
▶ Corporate Fleet Vehicle Transition

▶ Regional Education & Outreach:

- Public engagement & collaboration:
 - City of Pittsburgh
 - Butler Transit
 - Carnegie Science Center
 - Manchester Bidwell
 - Family House
 - Pittsburgh Zoo and PPG Aquarium
 - Allegheny Clean Ways
 - Pittsburgh Clean Cities
 - Heinz Endowments/ Port Authority of Allegheny County
- Marcellus Shale Coalition
- AGA
- ANGA
- NGV America



- ▶ Our Pittsburgh station, Strip District (public, 2011)
- ▶ Giant Eagle, Crafton (public, 2011)
- ▶ City of Pittsburgh – refuse truck purchase (2011)
- ▶ UPMC – CNG shuttle bus purchase (2011)
- ▶ Waste Management, Washington (public, 2011)
- ▶ Drilling rig conversion
 - Pilot project (2012)
 - Driver for LNG demand



Discussion:



- ▶ **Retail fueling model – non-jurisdictional**
- ▶ **LDC dedicated fueling facility – public access opportunity:**
 - Case-by-case pro rata investment recovery
- ▶ **Market demand support:**
 - Infrastructure build-out: cost recovery
 - e.g. Pennsylvania Turnpike Oakmont Plum service plaza
 - NGV Fund – surcharge to support infrastructure and vehicle investment
- ▶ **Value of public investment model**
 - Alternative Fuel Investment Grants
 - Pennsylvania Energy Development Authority
 - Commonwealth Financing Authority
 - Natural Gas Energy Development Program
- ▶ **Lifecycle Greenhouse Gas – comparative advantage**



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