Welcome to the AEC’s First Session on New Business Models for Sustainable Gas

Advanced Energy Conference
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March 27, 2018
As an investor-owned utility, National Grid is both a local New York business and part of an international energy delivery company with a significant presence in the northeast U.S.

**Our Top Priorities**

- Safety/compliance and reliability
- Investing to grow and modernize the system
- Improving the customer experience and helping customers manage their energy costs
- Advancing clean energy solutions and environmental stewardship
- Partnering with communities to make our region safer, healthier and more vibrant
Our Challenge

The Energy Tri-Lemma
Provide customers with Affordable, Reliable, and Sustainable energy in the future.

- Modernize our infrastructure to meet 21st century demands.
- Put customers in charge.
- Connect our customers to renewable energy solutions.
Downstate New York by the numbers

Almost **1.8 million** natural gas customers

- **1.2 million** – New York City
- **570,000** – Long Island

Approximately 4,000 employees

**12,000 miles** of natural gas distribution and transmission main

- **4,135 miles** in New York City
- **7,892 miles** on Long Island
A sustainable gas system has a lot to offer

- There are 5 million miles of gas pipeline in the US connected to 132 million customers and $13 billion invested annually in T&D upgrades.
- The natural gas network gas support REV goals including aggressive carbon reduction targets reliably, safely and cost effectively.
- The carbon footprint of natural gas is the lowest of any available fuel and is dropping.
- The gas network in NYC has been distributing renewable energy from the Staten Island landfill since 1986.
- A new institute called I-GIT has been created to seek the best ways to use this flexible resource below our streets.
Today’s speakers are focused on realizing value from the production and utilization of renewable gas

- Professor Clive Clayton
- Matt Tomich
- Sean Gleeson
- Bill Jorgensen
- Peter Wright