

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



Advanced Energy Conference

Keith Rooney – Director Downstate NY Jurisdiction

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About Us

nationalgrid
HERE WITH YOU. HERE FOR YOU.

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 north 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

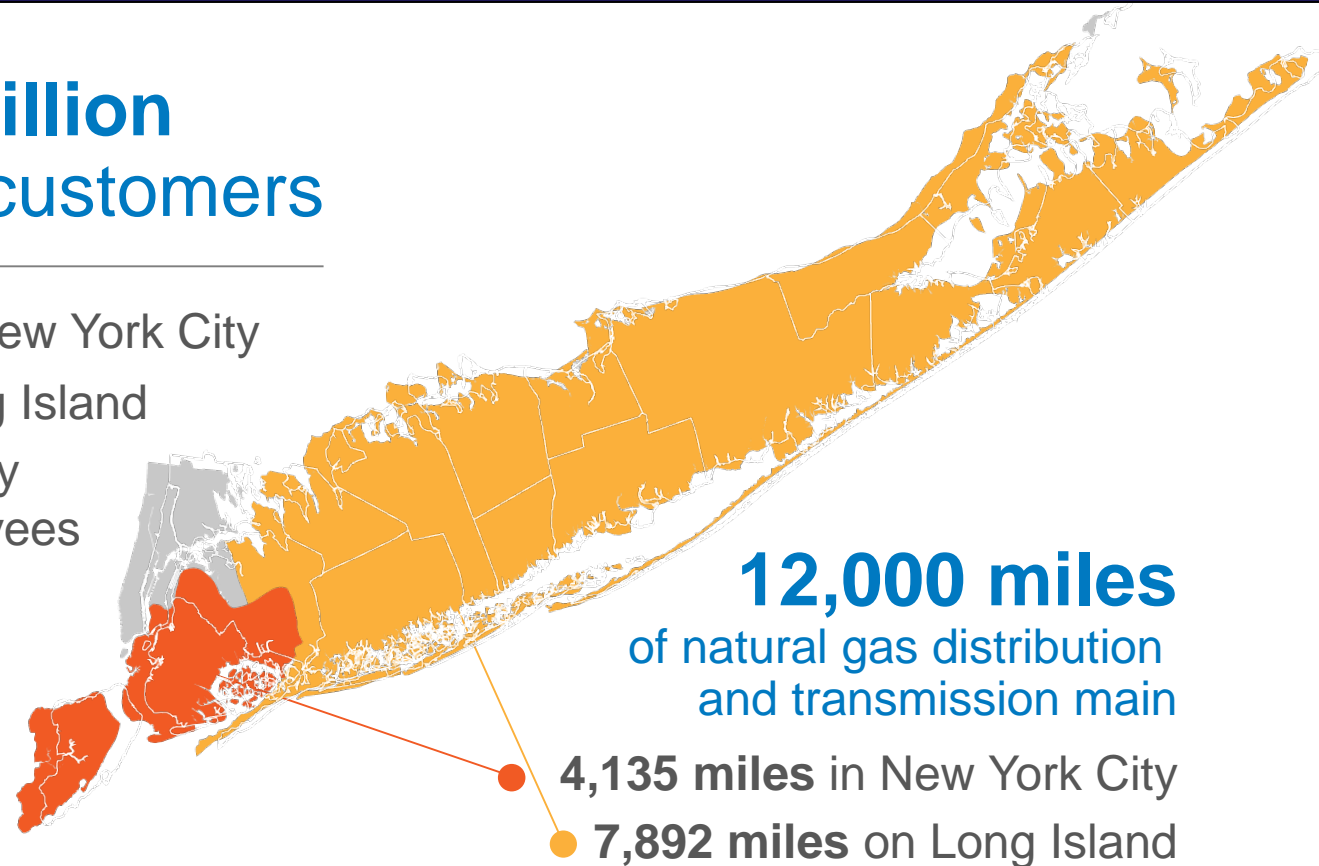
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Almost **1.8 million**
natural gas customers

 **1.2 million** – New York City

 **570,000** – Long Island

 Approximately
4,000 employees



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



Institute of
Gas Innovation
and Technology
AT STONY BROOK UNIVERSITY



Today's speakers are focused on realizing value from the production and utilization of renewable gas

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



Noblehurst Green Energy

