

NYSERDA

CHP in New York State: The Next Generation

June 21, 2012

Taking the Initiative

Update on AGA's CHP Activity

Richard Meyer

American Gas Association



"We need an energy strategy for the future – an all-of-the-above strategy for the 21st century that develops every source of Americanmade energy." -- President Barack Obama, March 15, 2012



The Promise of

Natural Gas

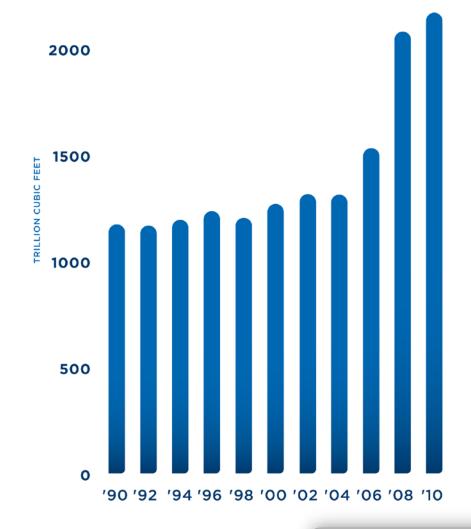
Energy Security

Energy Value

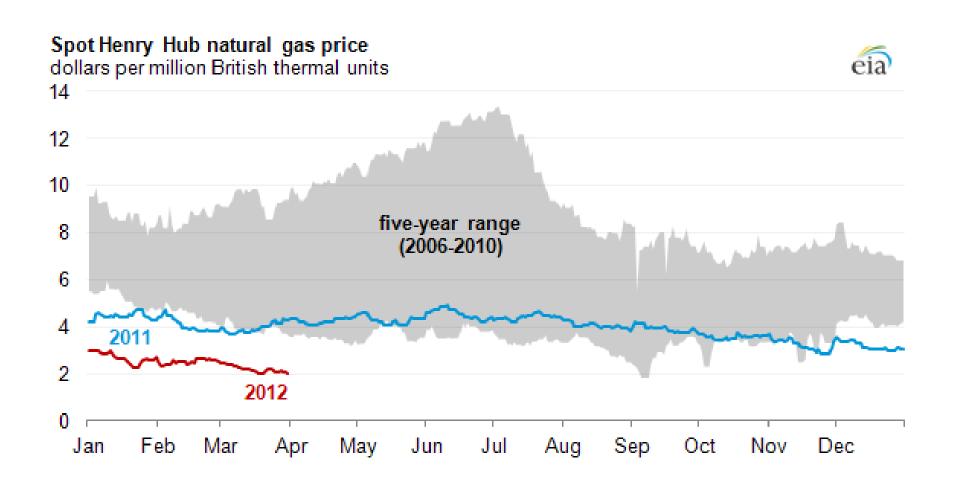
Clean Energy

AND THEN There Was Abundance

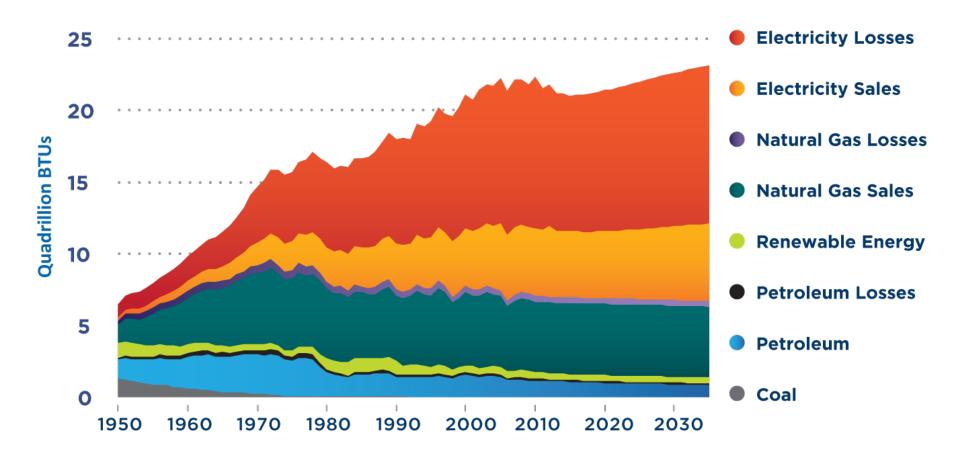
According to the **Energy Information** Administration and the Potential Gas Committee, the U.S. has enough natural gas to meet America's diverse energy needs for more than 100 years



A real impact on natural gas prices

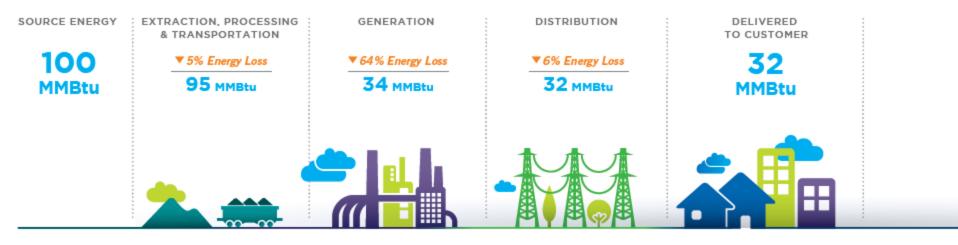


Residential Energy Consumption

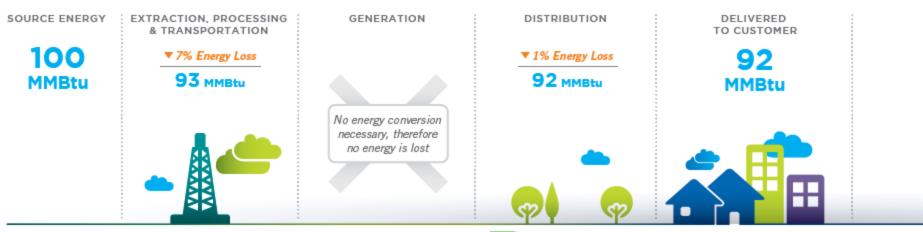


The loss of usable energy associated with electricity equals about *half* of the total energy consumed in the residential and commercial sectors

Electricity



Natural Gas





Data: Gas Technology Institute

Why CHP? Why now?

- Natural Gas: abundant and affordable
- Competitive positioning of U.S. manufacturing and industrial base
- Near-term, affordable reduction in air emissions
- Ease pressure on electric system from EPA regulations
- Deliver efficient energy solutions and provide customers value
- CHP as growth opportunity for utilities



AGA Priorities



- Educate regarding the CHP **Value Proposition**
- Expose & Remove **Obstacles**
- Engage the Community
- Promote Supportive Policy

Federal Initiatives

Energy Independence and Security Act of 2007, Section 433 & DOE Proposed Rule

- Mandates elimination of fossil fuelgenerated energy use in new and renovated federal buildings by 2030
- Institutionalizes bias against natural gas
- Constrains long-term adoption of CHP

Federal Initiatives

Clean Energy Standard

- Sen. Bingaman's proposal recognizes the greenhouse gas benefits of natural gas
- CHP is recognized as a clean energy resource
- The growing natural gas resource base can accommodate expansion of natural gas in all markets

Thank You

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The American Gas Association, founded in 1918, represents 201 local energy companies that deliver clean natural gas throughout the United States. There are more than 70 million residential, commercial and industrial natural gas customers in the United States, of which 91% — more than 64 million customers — receive their gas from AGA members. Today, natural gas meets almost one-fourth of the United States' energy needs.