

Natural Gas Quality and Gas Utilities

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Gas Quality Issues of LDCs

- *Operational*

Safe and Reliable Delivery To the Customer

- Disruption of Service
- Long-term Integrity

- *Burner Tip*

Customer's Safe and Efficient Use of the Appliance

Focus on Interchangeability

- **Based on Need to Avoid System-Wide, Very Expensive Adjustment and/or Modification of End Use Equipment in the Field Due to Supply Changes**
- **Over 50 Years of Analysis and Guidelines Development for Natural Gas Interchangeability**
- **Documented in Widely Disseminated AGA Publications and User Software**

Focus on Interchangeability

- **Based on Indices Correlated to Equipment Behavior – Not Btu Content Alone**
- **Existing Interchangeability Guidelines Are Still Applicable For Safe And Reliable Common End User Needs**
- **Easily Calculated and Evaluated**
- **Traditionally not specified in defining merchantability**

Focus on Delivery

- Liquids
- Impurities
- Liquefaction

Building on the Existing Foundation

- **Temporary Commodity Conditions Should Not Dictate Any Type of Equipment Additions or Alterations On The Part Of LDCs.**
- **Gas Quality Specifications Should More Formally Reflect Common End-Use Needs**
- **Flexibility Should Be Retained to Ensure Safety, Reliability and Adequate Supply**

Building on the Existing Foundation

- **Standing Technical Committees Have Experience to Address Any Gaps in Technical Guidelines**

And Then

- **May be a role for NAESB For These Business Practices.**

This Approach

- **Recognizes a sound technical basis is crucial**
- **Risks Over-tasking Limited Industry Resources**

As before, AGA is committed to this process