

GISB Standards Implementation – An LDC Viewpoint

Standardization ...

Why?

- The basis for efficient growth?
- The death of innovation?

GISB VISION:

GISB will serve as an industry forum for the development and promotion of standards, which will lead to a *Seamless Marketplace for Natural Gas*, as recognized by its customers, business community, participants and regulatory entities.

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Impact of Standardization ...

Do LDCs react or comply?

- Off System
- On System
 - Wholesale (City Gate)
 - Retail (Burner Tip)

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Off System

Success Stories

- Nomination Related Standards
- Flowing Gas Standards
- Invoicing Standards
- Contract Related Standards

Unfinished Stories

- Capacity Release Related Standards
- Electronic Delivery Mechanism Standards

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On System

Who is the Customer?

Where is the Customer in the Supply Chain?

What are the Business Differences?

What are the technological capabilities of the Customer?

Should GISB standards have a direct or indirect impact?

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On System

Citygate vs. Burner Tip

- Nomination Related Standards
- Flowing Gas Standards
- Invoicing Standards
- Contract Related Standards
- Capacity Release Related Standards
- Electronic Delivery Mechanism Standards

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Technological Issues

GISB EBB Internet Implementation Task Force

- ANSI X12 EDI
- Interactive Internet
- Flat Files

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Business Issues

Unbundled Services

- Reliability

National Fuel's Experience with the Internet

- Retail Aggregation Program Support
- Ongoing Systems Development

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CONCLUSION

Standards move the Industry forward.

Standards should accommodate unique business concerns
or recognize where limits come into play.

Standards should utilize multiple technologies to reach the
broadest audience.