Natural Gas STAR Program

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The Natural Gas STAR Program

The Natural Gas STAR Program is a flexible, voluntary partnership between EPA and the oil and natural gas industry designed to cost-effectively reduce methane emissions from natural gas operations.
U.S. Industry Participation

★ 111 Program Partners:
★ 72% of transmission
★ 28 Partners
★ 59% of distribution
★ 49 Partners
★ 52% of production
★ 23 Partners
★ 75% of processing
★ 11 Partners
Collaboration with Endorsers

★ GCEAG
  ★ New endorser - Welcome!

★ API
  ★ Committed to 100% member participation in Gas STAR.

★ Overall, 12 trade associations have formally endorsed the Natural Gas STAR Program.
Program Accomplishments

★ 300 Billion cubic feet in reductions!
Methane Emissions from the U.S. Gas Industry

- Production: 95 Bcf (31%)
- Processing: 36 Bcf (12%)
- Distribution: 73 Bcf (24%)
- Transmission & Storage: 98 Bcf (33%)
Additional Reduction Opportunities

- Production
- Processing
- Transmission & Storage
- Distribution
- Emissions
- Reductions
Producer Sector Reductions

★ In 2003, producer Partners reduced approximately 30 Bcf

★ 80% attributed to BMP 3 - Partner Reported Opportunities

Producer Emission Reductions by BMP
Top Production Sector PROs

- Install Instrument Air System
- Install Plunger Lift in Gas Wells
- Convert Gas-driven Chemical Pumps
- Install Flares
- Install Vapor Recovery Units on Storage Tanks
Workshops

★ Natural Gas STAR Production Workshops
★ June 29, 2004 - Colorado Springs, CO
★ September 21, 2004 - Houston, TX

★ Annual Conference
★ October 26-27, 2004 - Houston, TX
Contact Information

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