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

113 Program Partners:
- 72% of transmission
  - 29 Partners
- 59% of distribution
  - 41 Partners
- 52% of production
  - 30 Partners
- 75% of processing
  - 13 Partners
Collaboration with Endorsers

★ IPAMS
  ★ New endorser - Welcome!

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

★ Overall, 13 trade associations have formally endorsed the Natural Gas STAR Program.
Program Accomplishments

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

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

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

★ In 2003, producer Partners reduced approximately 24 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
   ★ September 21, 2004 - Houston, TX

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

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