



Natural Gas Processing Companies and the Natural Gas STAR Program

Reducing Emissions
Increasing Efficiency
Maximizing Profits



Processor's Workshop
Hosted by: Pioneer Natural Resources and Gas Processors Association
June 17, 2003

<http://www.epa.gov/gasstar/>

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.



Natural Gas STAR's role in Climate Change

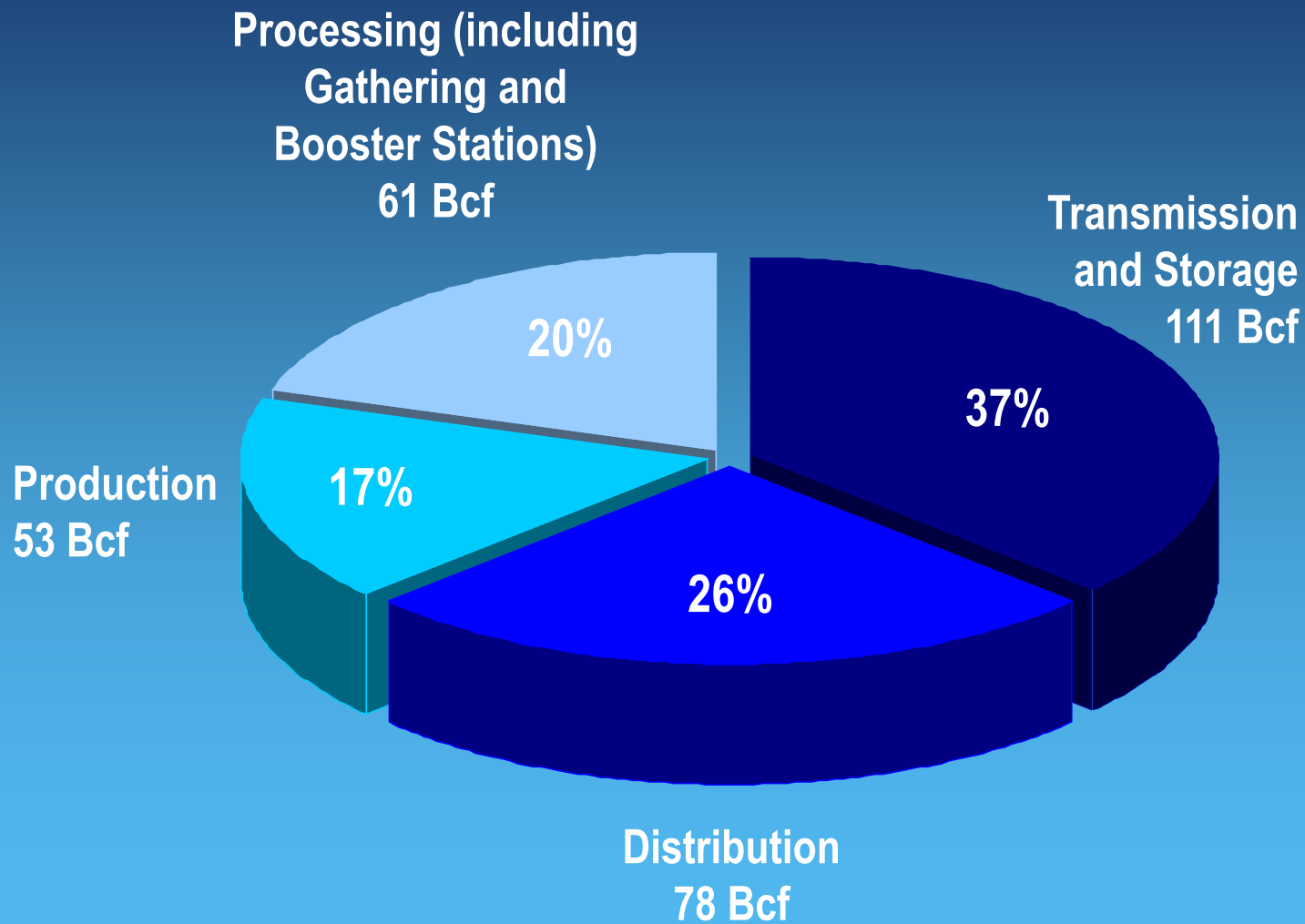


“We will challenge American businesses to further reduce emissions...”

President G.W. Bush, February 14, 2002

- Natural Gas STAR is a key component of President Bush's climate change policy
- API Climate Challenge Program
 - 100% member participation in Natural Gas STAR
- Endorsed by 11 industry organizations including the Interstate Natural Gas Association of America

Emissions by Industry Sector (per year)



Program Accomplishments

- ★ 217 Bcf in total reductions
- ★ Annual Emissions Reductions:

Previous: 3.6 Bcf

1993: 7.3 Bcf

1994: 12.4 Bcf

1995: 14.8 Bcf

1996: 17.9 Bcf

1997: 23.8 Bcf

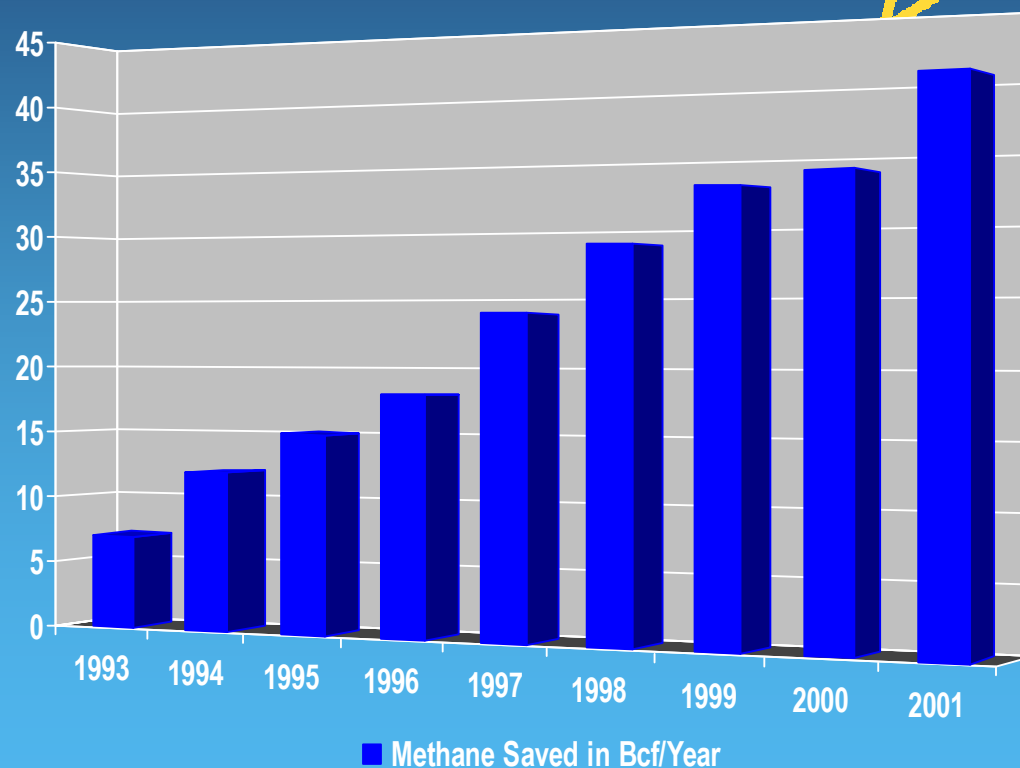
1998: 29.2 Bcf

1999: 33.3 Bcf

2000: 34.0 Bcf

2001: 40.6 Bcf

Total: 216.9 Bcf



Gas STAR Program Benefits



Save time identifying the “right” technologies and practices to reduce methane emissions

- *Technical studies and fact sheets based on real company applications*
- *Case studies describing successful partner experiences*
- *Economic analysis software to estimate financial returns*
- *One-on-one assistance*

Gas STAR Program Benefits



Build network with industry peers and draw upon their experience and successes

- *Technology Transfer workshops*
- *Annual Implementation Workshop*

Gas STAR Program Benefits



Enhanced corporate reputation

- *Environmental message*
- *Public recognition by EPA and industry*
- *Achievement awards*
- *Communications Toolkit*
- *Easy methods to equate environmental benefits*

Gas STAR Program Benefits



Voluntary record of reductions & internal benchmarking capability

- *Methodology to track and record methane emission reductions*
- *Data to develop internal benchmarks*
- *Flexibility and assistance in preparing methane emissions reduction summary*

Gas STAR Program Benefits



Minimal resources required to manage Program & “real-time” assistance

- *Standardized forms and methane emission default values*
- *Data collection software*
- *On-line record keeping and reporting*
- *Technical support staff available to partners*

Natural Gas STAR: Voluntary and Effective



- ★ Fosters private initiative and innovation
- ★ Achieves economic and environmental goals
- ★ Enables future government and industry cooperation
- ★ Proves that non-regulatory, cooperative programs work
- ★ Simple to participate, a win-win approach

Contact Information



★ Roger Fernandez

(202) 564-5235

fernandez.roger@epa.gov

★ Please visit www.epa.gov/gasstar