2003 Natural Gas STAR
Mature Partner Breakout Session

October 29, 2003
Warwick Hotel
Houston, TX
Topics

- Mentor Program
- Sunset Periods
- Default Value for T&D BMP-1
- Emissions Reduction Opportunity Reports
- Revitalizing Your Company’s Participation
- Gas STAR Program Direction
Mentor Program

• Sign up
• List of volunteer mature partners will be provided to interested new partners
• Other suggestions?
Sunset Periods

- Number of years for which reductions attributable to a technology or practice should be counted
- Intended to lessen reporting burden
- Currently:
  - Installation of Turbines: 20 years
  - Pneumatic Devices: 7 years
  - All other technology installation: 10 years
  - All practices + one-time activities: 1 year
Sunset Periods

- Are current sunset periods adequate?
- Is there data to support changing them?
- Certification procedure for continuing to receive credit for ‘expiring’ activity?
Default Value

- Default value for DI&M at Gate Stations and Surface Facilities currently 1,190 Mcf per year per facility where leaks have been repaired (1996 GRI study)
- Reports for this BMP this year over 10X higher than at any time in the past
- Confusion over application of this default value
<table>
<thead>
<tr>
<th>Station Type</th>
<th>Pressure</th>
<th>Location</th>
<th>DI&amp;M reduction</th>
</tr>
</thead>
<tbody>
<tr>
<td>M&amp;R</td>
<td>High</td>
<td>Surface</td>
<td>1,120</td>
</tr>
<tr>
<td>R</td>
<td>High</td>
<td>Surface</td>
<td>980</td>
</tr>
<tr>
<td>M&amp;R</td>
<td>Low-Med</td>
<td>Surface</td>
<td>28-600</td>
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<tr>
<td>R</td>
<td>Low-Med</td>
<td>Surface</td>
<td>7-250</td>
</tr>
<tr>
<td>R</td>
<td>all</td>
<td>Underground</td>
<td>1-8</td>
</tr>
</tbody>
</table>
Default Value

• Steps described in Lessons Learned Study should be followed
• Default value should only be applied to high inlet-pressure (>300 psig), aboveground metering & regulating stations
• Reductions should only be claimed once per year per facility, even if facility is surveyed more frequently
• Reductions should only be claimed for facilities where leak repairs have been made
Default Value Questions

- Does 1,190 Mcf/year/facility seem high?
- Is there data we should see to revisit this value?
- Do we need default values for other types of gate stations?
- Will this guidance cause excessive burden for reporters?
Emissions Reductions Opportunity Reports

- First batch sent out last week - Production and Processing facilities that reported in 2002
- Give reporting history, environmental indicators, and peer comparison
- Suggest additional potentially cost-effective activities
Emissions Reductions Opportunity Reports

2002 Methane Emissions Reductions *

- ABC Natural Gas Company
- Sector Average
- Best Performer

Mcf per Bcf of Gas Produced
Emissions Reductions Opportunity Reports

- We will follow up with companies we feel have the greatest potential for increasing their emissions reduction activities.
- Plus volunteers, of course!
- Working with our partners, we will utilize technical experts to identify specific projects with high payback potential.
- Most improved award next year???
Revitalizing Your Company’s Participation

• ‘Low Hanging Fruit’ perception
  – Opportunity reports, new technical documents
• Reorganizations/ Mergers
  – Past reduction reporting opportunity
• Gas price effects
  – Higher prices = more techs are cost-effective
• No time
  – On-line reporting, DCM tool, reporting flexibility
Revitalizing Your Company’s Participation

• Uneven management support
  – Provide routine updates to management
  – Translate Gas STAR achievements to economic savings
  – Relate to company’s current environmental commitments
  – Leverage existing corporate infrastructure

• Resistance from field operators
  – Support continuous education of staff
  – Relate to company’s current environmental commitments
  – Develop routine outreach mechanisms
  – Create a Gas STAR team
Gas STAR Program Direction

• What else can EPA do to make the Gas STAR Program better meet your needs?
  – More Tech Transfer Workshops
  – More technical documents
  – More funding of promising technology verification
  – New ways of sharing information with partners
  – More publicizing of partner accomplishments
  – Other ideas