


Company Information																		
<p style="text-align: center;"><b>Implementation Plan</b></p>  <p style="text-align: center;"><b>Distribution Sector</b></p>	<p style="text-align: center;">Partner Address Label Here</p> <p style="text-align: center;"><i>If the information provided above is incorrect, please make corrections below.</i></p>																	
	<table><tr><td>Company Name:</td><td>_____</td></tr><tr><td>Gas Star Contact:</td><td>_____</td></tr><tr><td>Position:</td><td>_____</td></tr><tr><td>Address:</td><td>_____</td></tr><tr><td></td><td>_____</td></tr><tr><td>City, State, Zip Code:</td><td>_____</td></tr><tr><td>Telephone:</td><td>_____</td></tr><tr><td>Fax:</td><td>_____</td></tr><tr><td>Email:</td><td>_____</td></tr></table>	Company Name:	_____	Gas Star Contact:	_____	Position:	_____	Address:	_____		_____	City, State, Zip Code:	_____	Telephone:	_____	Fax:	_____	Email:
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Implementation Plan Elements																		
<p><b>ELEMENT 1 Best Management Practices (BMPs)</b> The following BMPs have been identified as significant opportunities to cost effectively reduce methane emissions from the distribution sector. They were selected based on their applicability to the industry, economic feasibility, and cost-effectiveness. There are 2 core BMPs for the distribution sector:</p> <p><b>BMP 1</b> Directed inspection and maintenance at gate stations and surface facilities <b>BMP 2</b> Identify and rehabilitate leaky distribution pipe</p> <p>For detailed information on these BMPs, please refer to the Lessons Learned publications on the Natural Gas STAR Web site: <a href="http://epa.gov/gasstar/tools/recommended.html">epa.gov/gasstar/tools/recommended.html</a>.</p>																		
<p><b>ELEMENT 2 Partner Reported Opportunities (PROs)</b> Current partners have reported many processes and technologies that are considered "other Best Management Practices" by the program. New partners are encouraged to evaluate and report current and new practices or technologies that cost effectively reduce methane emissions. PROs are made available to all partners, and can be viewed at: <a href="http://epa.gov/gasstar/tools/recommended.html">epa.gov/gasstar/tools/recommended.html</a>.</p>																		
<p><b>ELEMENT 3 Inventory Past Reductions</b> Partners are encouraged to report past methane emission reductions back to 1993. Accounting for these historical reductions will create a permanent record of your company's methane emission reduction efforts. More information is available in the Spring 1999 Natural Gas STAR Partner Update, which can be viewed at: <a href="http://epa.gov/gasstar/newsroom/partnerupdate.html">epa.gov/gasstar/newsroom/partnerupdate.html</a>.</p>																		

*The Implementation Plan is designed to be a dynamic tool for Natural Gas STAR Partners to plan their program activities. As company priorities and plans shift over time, the Implementation Plan may be revised or updated by submitting a new form to the program.*

## ELEMENT 1 Best Management Practices

### BMP 1 Directed Inspection and Maintenance at Gate Stations and Surface Facilities

A DI&M program is a system for performing routine leak detection and repair where leak measurement data from previous inspections are used to guide subsequent inspections and direct maintenance to those leaks that are cost effective to repair.

Estimated Reduction Potential  
1,190 Mcf per station

Will you be implementing this BMP?     Yes     No

If no, why?

- Not cost effective
- May consider at a later date
- Other \_\_\_\_\_ please describe:

If yes, at what scale will you be implementing this BMP?

- Company Wide
- Pilot Project
- Other \_\_\_\_\_

Please describe:

#### Activity Summary

Number of gate stations and surface facilities? \_\_\_\_\_

Number of gate stations and surface facilities at which DI&M will take place? \_\_\_\_\_

#### Inspection Schedule

Facilities will be inspected:     quarterly     annually     biannually     other \_\_\_\_\_

Please list the number of gate stations and surface facilities that will implement BMP 1 in upcoming years.

Year \_\_\_\_\_    Number of gate stations and surface facilities \_\_\_\_\_

Year \_\_\_\_\_    Number of gate stations and surface facilities \_\_\_\_\_

Year \_\_\_\_\_    Number of gate stations and surface facilities \_\_\_\_\_

Year \_\_\_\_\_    Number of gate stations and surface facilities \_\_\_\_\_

#### Additional Information on Anticipated Plans and Projects

If additional space is needed, please continue on the back.

## BMP 2 Identify and Rehabilitate Leaky Distribution Pipe

To reduce methane emissions, companies can use data from leak surveys and patrols, leak repair histories, corrosion monitoring records and other sources to identify and repair or replace the leakiest pipeline segments.

Estimated Reduction Potential  
29 Mcf/mile/year - Average Mains  
0.3 Mcf/service/year - Average Services

Will you be implementing this BMP?     Yes     No

If no, why?

- Not cost effective  
 May consider at a later date  
 Other \_\_\_\_\_ please describe:

If yes, at what scale will you be implementing this BMP?

- Company Wide  
 Pilot Project  
 Other \_\_\_\_\_

Please describe:

### Activity Summary

Total distribution pipeline mileage? \_\_\_\_\_

Total distribution pipeline mileage selected for this BMP? \_\_\_\_\_

### Replacement Schedule

Total distribution pipeline mileage to be rehabilitated by the end of:

Year 1: \_\_\_\_\_    Year 2: \_\_\_\_\_    Year 3: \_\_\_\_\_    Year 4: \_\_\_\_\_

### Additional Information on Anticipated Plans and Projects

If additional space is needed, please continue on the back.

## ELEMENT 2 Partner Reported Opportunities

PROs	
<p>Your company may take advantage of additional technologies or practices to reduce methane emissions. These can be reported to Natural Gas STAR as PROs. Following is a list of some of the PROs that have been reported by other Gas STAR partners, which may be applicable to your operations (for more information on these PROs, please view: <a href="http://epa.gov/gasstar/tools/recommended.html">epa.gov/gasstar/tools/recommended.html</a>):</p>	
<p> <input type="checkbox"/> Reduce/downgrade system pressure  <input type="checkbox"/> Inject blowdown gas into low pressure system  <input type="checkbox"/> DI&amp;M: survey and repair leaks  <input type="checkbox"/> Use hot taps for in-service pipeline connections         </p>	
PROs you will be implementing	Please describe
PRO _____ At what scale will this PRO be implemented? <input type="checkbox"/> Company Wide <input type="checkbox"/> Pilot Project <input type="checkbox"/> Other _____	
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## ELEMENT 3 Inventory Past Reductions

**An inventory of past reductions will help to create a permanent record of your past efforts.**

As a first step, many new partners find it useful to inventory and document past methane emission reduction efforts. The inventory process helps companies quantify the success of their past activities and target future emission reduction efforts. Historical emission reductions identified as part of the inventory process can be reported to the Gas STAR Program.

Will you inventory past activities to include in your annual report?  Yes  No

If yes, please describe your company's plans for reviewing past emission reduction activities.

*The Natural Gas STAR Program thanks you for your time.*

*Please send completed forms to:*

**Regular Mail**

**The Natural Gas STAR Program  
U.S. EPA (6207J)  
1200 Pennsylvania Avenue, NW  
Washington, DC 20460**

**Express/Overnight Mail**

**The Natural Gas STAR Program  
U.S. EPA (6207J)  
1310 L Street, NW  
Washington, DC 20005**

*Questions? Please call Roger Fernandez: (202) 343-9086 or Fax (202) 343-2202*

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