



# Natural Gas STAR Program Update

November 4-6, 2019 – Pittsburgh, PA

Sheraton Pittsburgh Hotel at Station Square

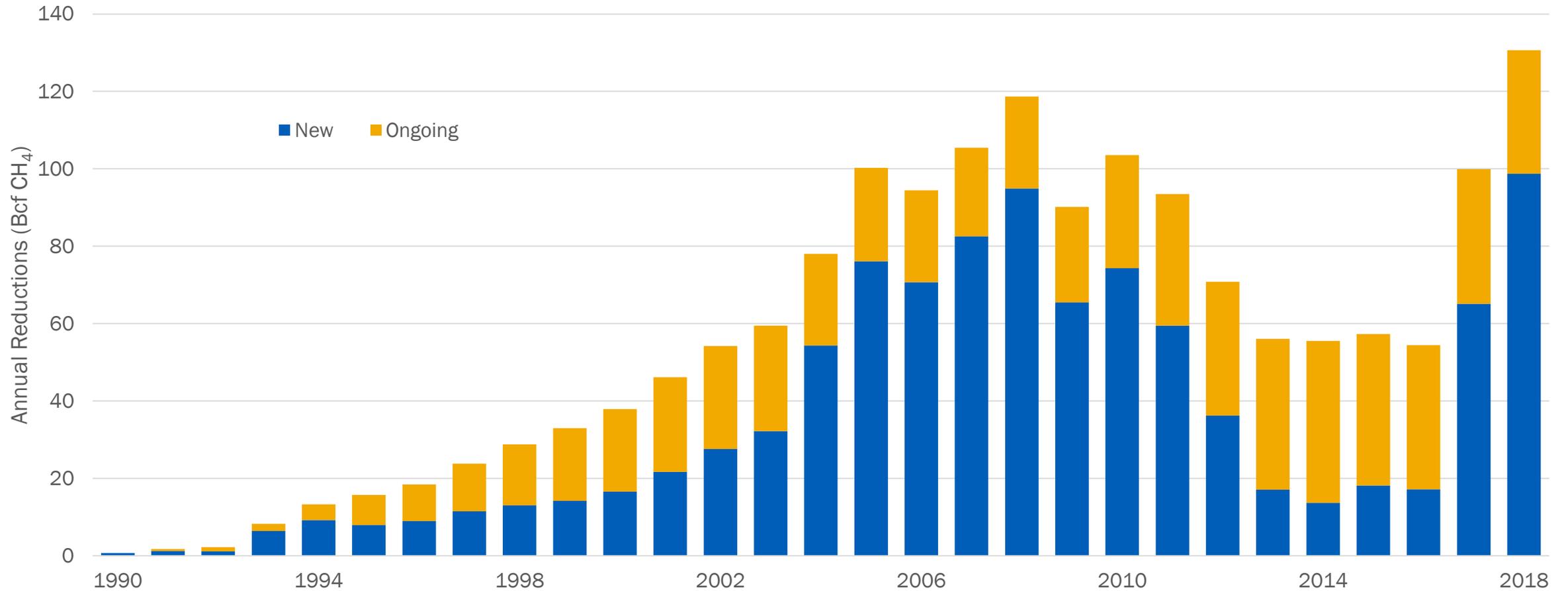


# 2018 Partner Accomplishments - Preliminary

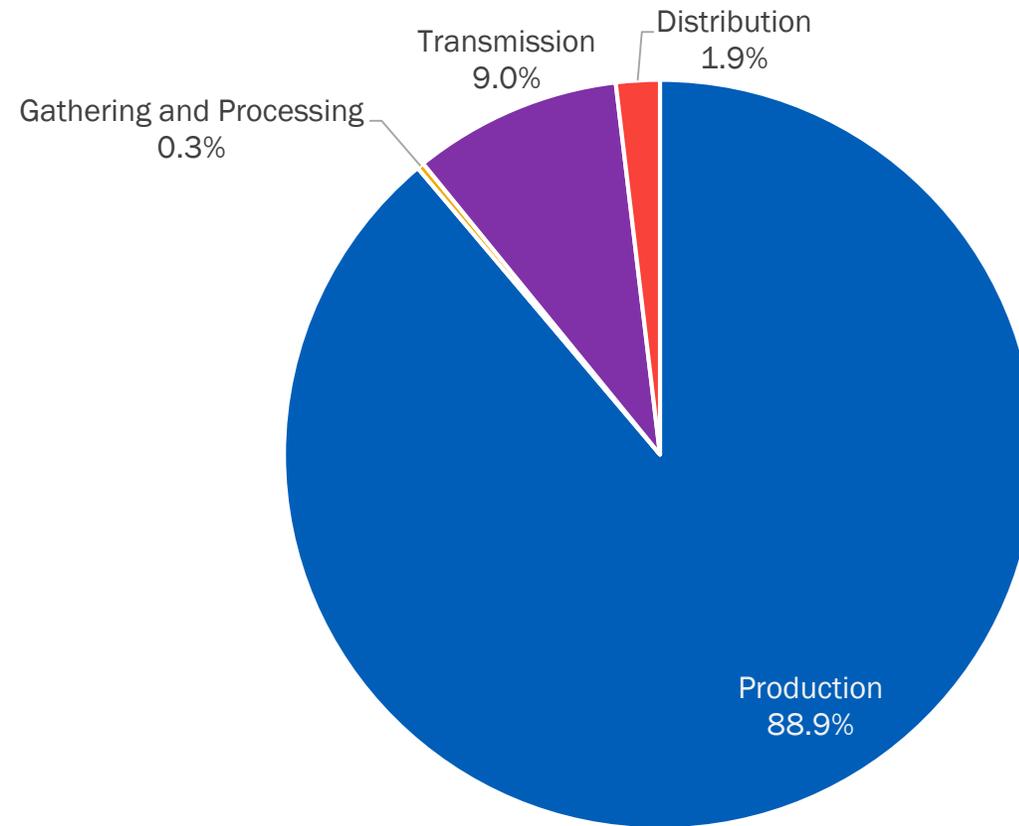
- In 2019, 53 Partners submitted an annual report information on voluntary efforts conducted in 2018 to reduce methane emissions
- Voluntary activities covered about 50 technologies and practices
- New Partner Company: Range Resources
- Total voluntary methane emissions reductions over 130 Bcf (Cumulative reductions of 1.63 Tcf since 1990)



# Methane Reductions by Year 1990 - 2018



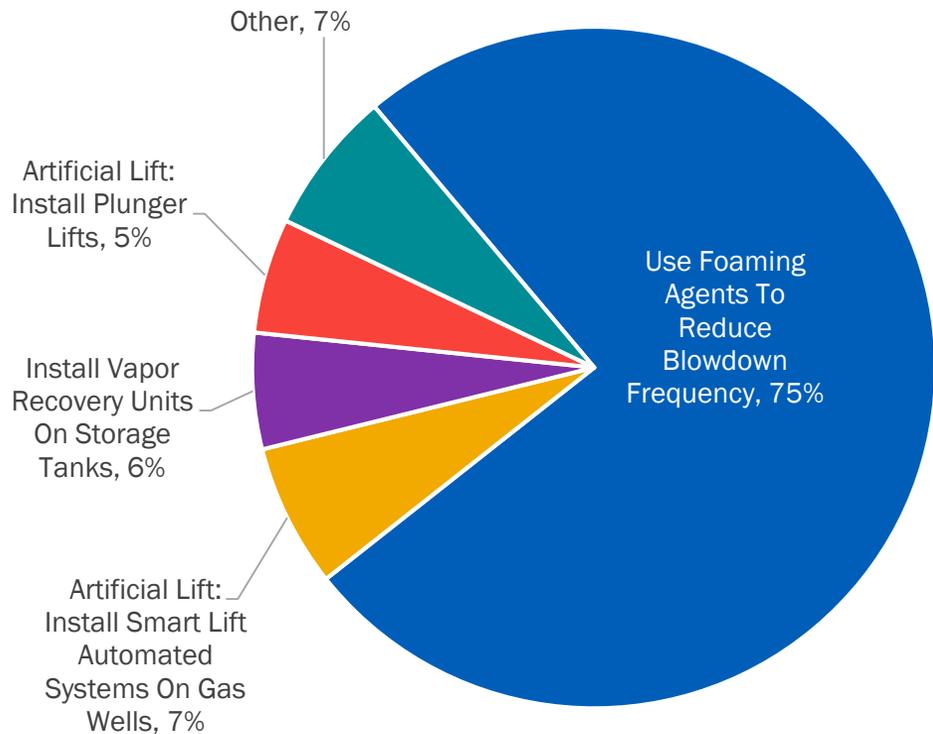
# 2018 Reductions by Segment: 130 Bcf



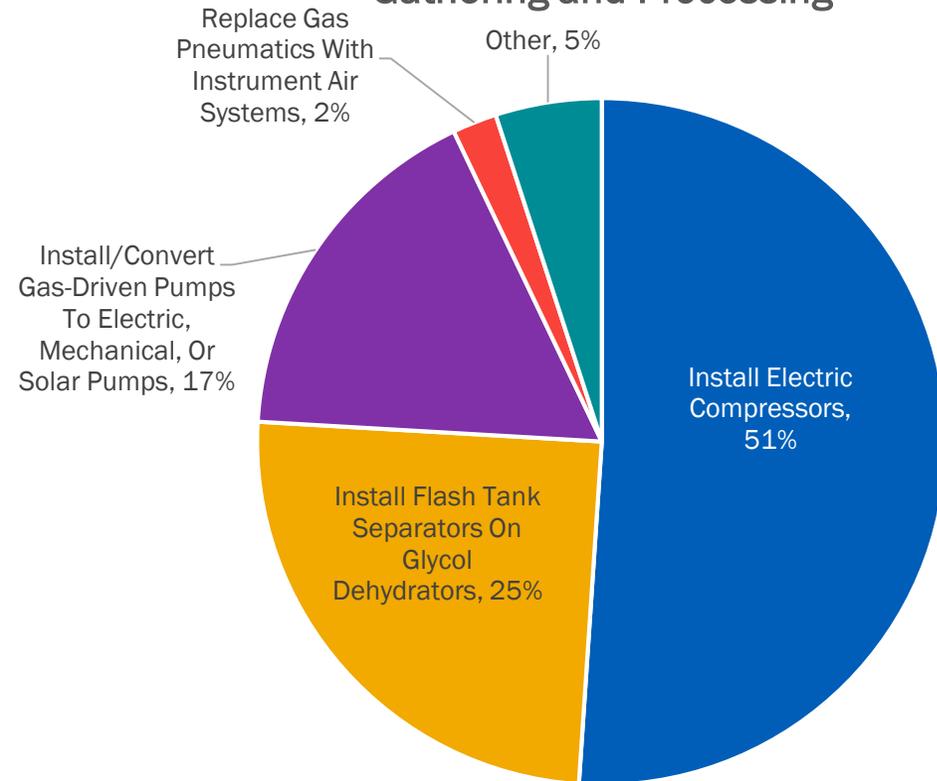
*Percentages may not sum to 100% due to rounding*

# Annual Methane Reductions in 2018

## Production

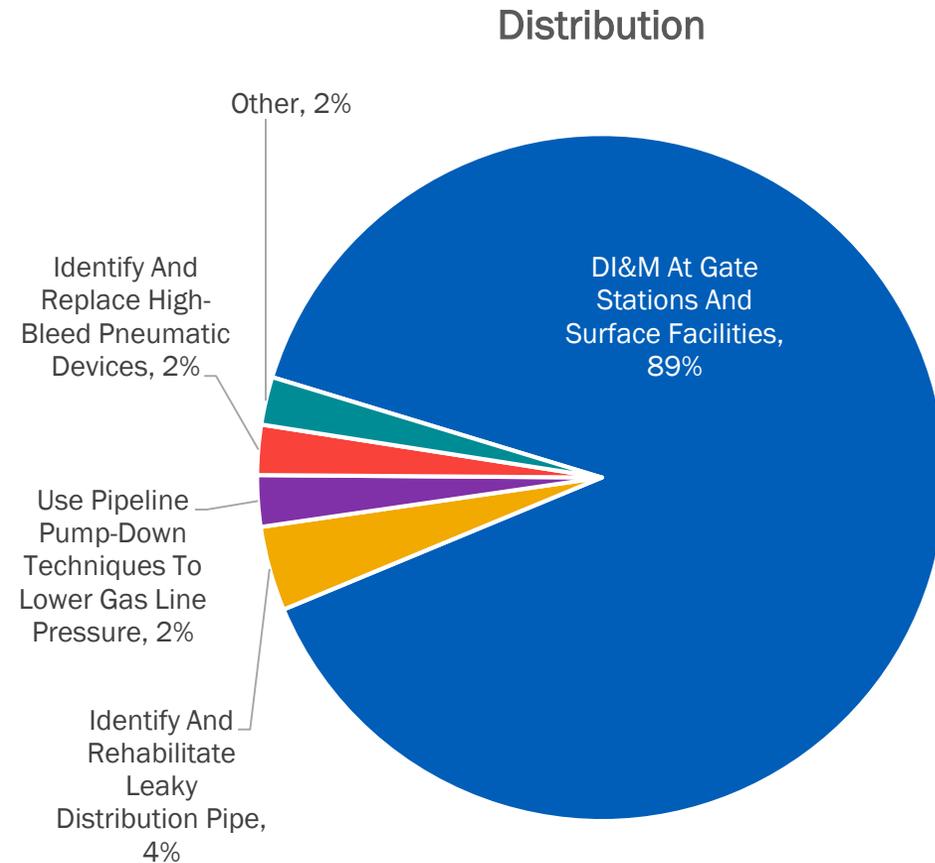
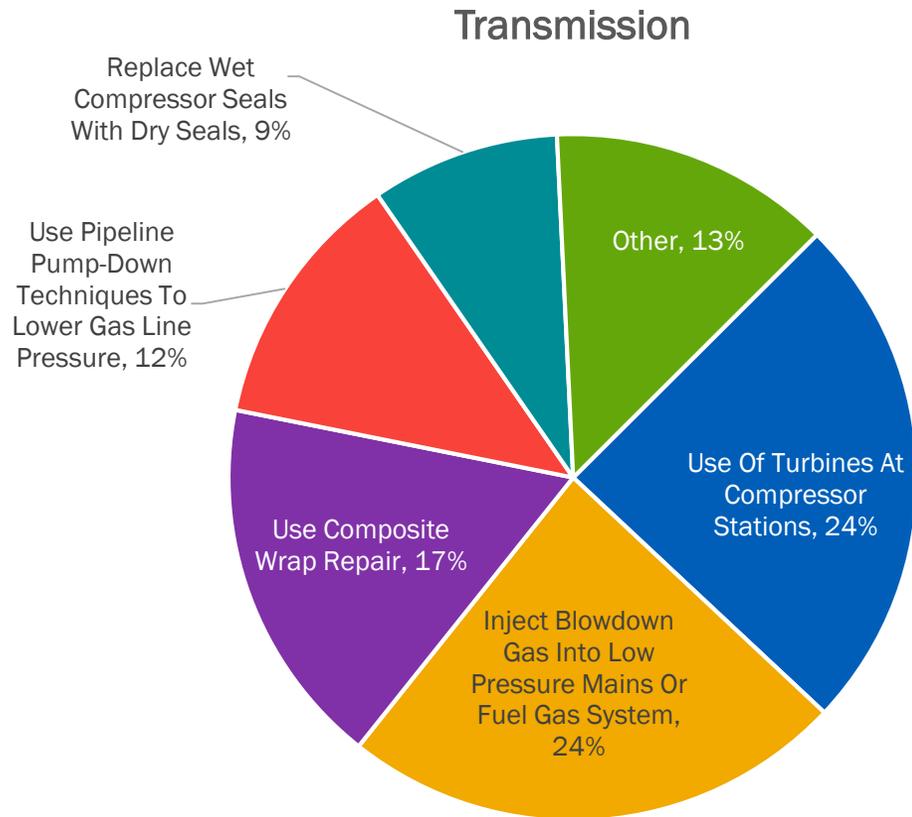


## Gathering and Processing



Percentages may not sum to 100% due to rounding

# Annual Methane Reductions in 2018



Percentages may not sum to 100% due to rounding

# Program Renewal and Modification

- In 2018, Natural Gas STAR completed the renewal of its ICR authorization (as part of the PRA) with the following modifications:
- Partnership Agreement replaced the MOU: Broadened program commitments to acknowledge the various ways in which companies participate, including annual reporting and supporting technology transfer activities such as presenting at a Program events or developing technical documents.
- Excel-Based Report Forms replaced the on-line tool for annual reporting.
- Implementation Plans are encouraged but optional.

# Technical Documents Update

Conducting a comprehensive update of all technical documents including

- Develop options for moving away from PDF's e.g., to online searchable tools
- Remove outdated materials and identify strongest needs for technical document updates
- Collaborate with interested partners to update/develop new technical documents

# Always Seeking Your Feedback!

We welcome Natural Gas STAR Partners comments and feedback on changes made this year:

- Reporting Process and Excel Spreadsheets
- Ideas for Future Webinars and Workshops
- Equipment and Service Provider Directory

[GasSTAR@epa.gov](mailto:GasSTAR@epa.gov)

# Equipment and Service Provider Directory

## New Feature: Oil & Gas Equipment and Service Provider Directory

<https://www.epa.gov/natural-gas-star-program/oil-and-gas-equipment-and-service-providers-directory>

Searchable and sortable directory of service and technology providers that can facilitate methane emission reductions.

*EPA makes no expressed or implied warranties as to the performance of any technology and does not certify that a technology will always operate as advertised. The end user is solely responsible for complying with any and all applicable federal, state, and local requirements. Mention of names of specific companies or commercial products and services does not imply endorsement.*



[GasSTAR@epa.gov](mailto:GasSTAR@epa.gov)

[www.epa.gov/natural-gas-star-program](http://www.epa.gov/natural-gas-star-program)

Jerome Blackman

[Blackman.Jerome@epa.gov](mailto:Blackman.Jerome@epa.gov)

(202) 343-9630