

# INDUSTRY...AT A GLANCE

February 2026

# DRILLING ACTIVITY IN PA

# Pennsylvania: A World-Class Player in Shale Gas Production

- 2<sup>nd</sup> largest natural gas producer in U.S.
- Nearly 12,200 producing wells
- 7.7 Trillion Cubic Feet (2025)
- 18% of total U.S. natural gas production
- 36 of 67 counties with at least 1 producing well

# Drilling Activity in PA

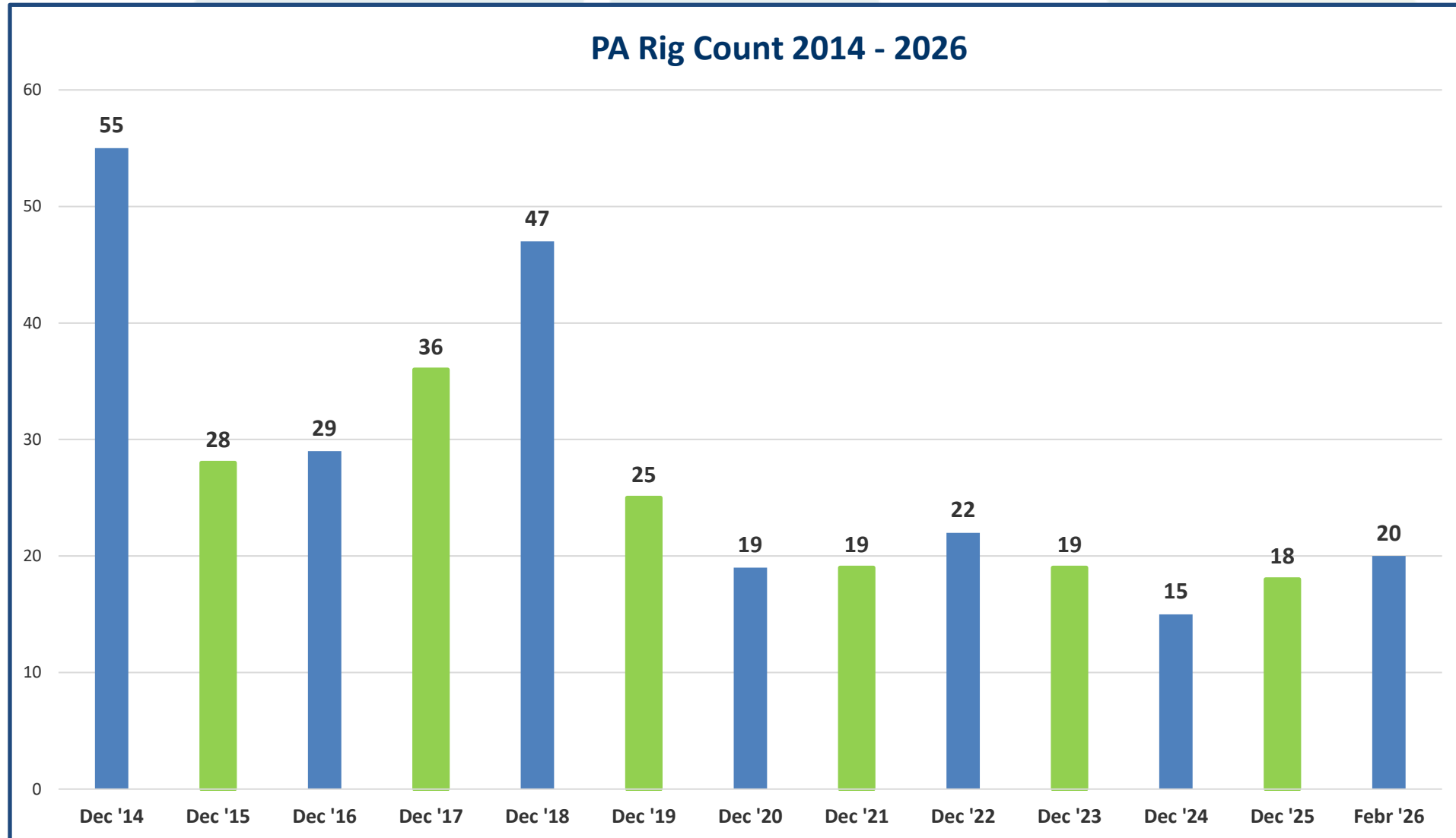
- 💧 13,543 unconventional wells\*
- 💧 12,180 unconventional wells producing natural gas
- 💧 3,927 unconventional well pads
- 💧 Nearly 21 billion cubic feet/day
  - 7.4 trillion+ cubic feet/year
  - 32% of total U.S. shale gas production



*Drilling rig in Potter County, PA*

\* November 2025 (most recent data available)

# Drilling Activity in PA



# Drilling Activity in PA

## Keep in Mind...

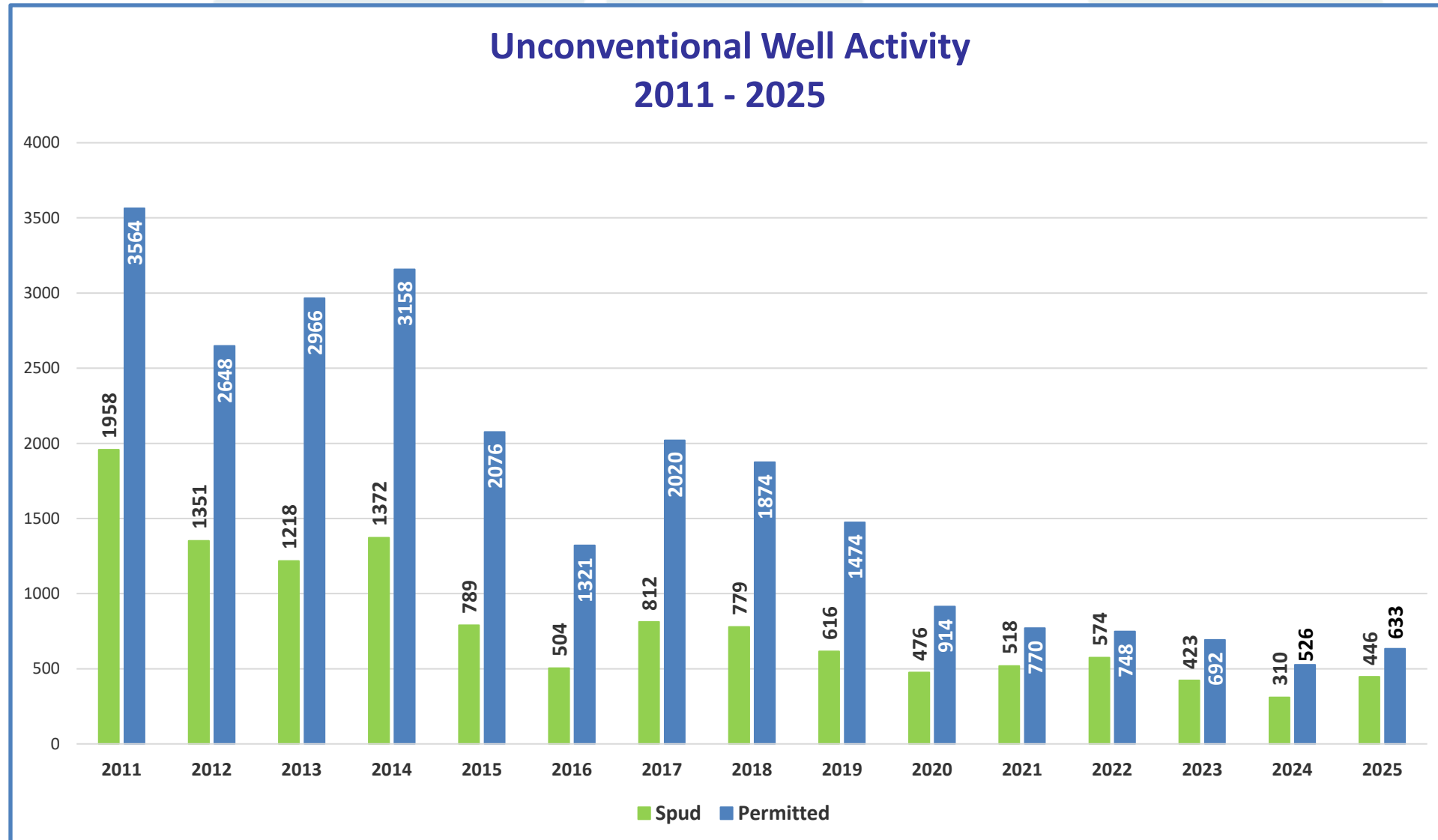
💧 Rig count not the same metric as 6-8 years ago:

- Longer laterals
- More efficient drilling
- More frac stage completions

💧 But still *an* indicator:

- Oil v Gas
- Wet v Dry
- Basin v Basin

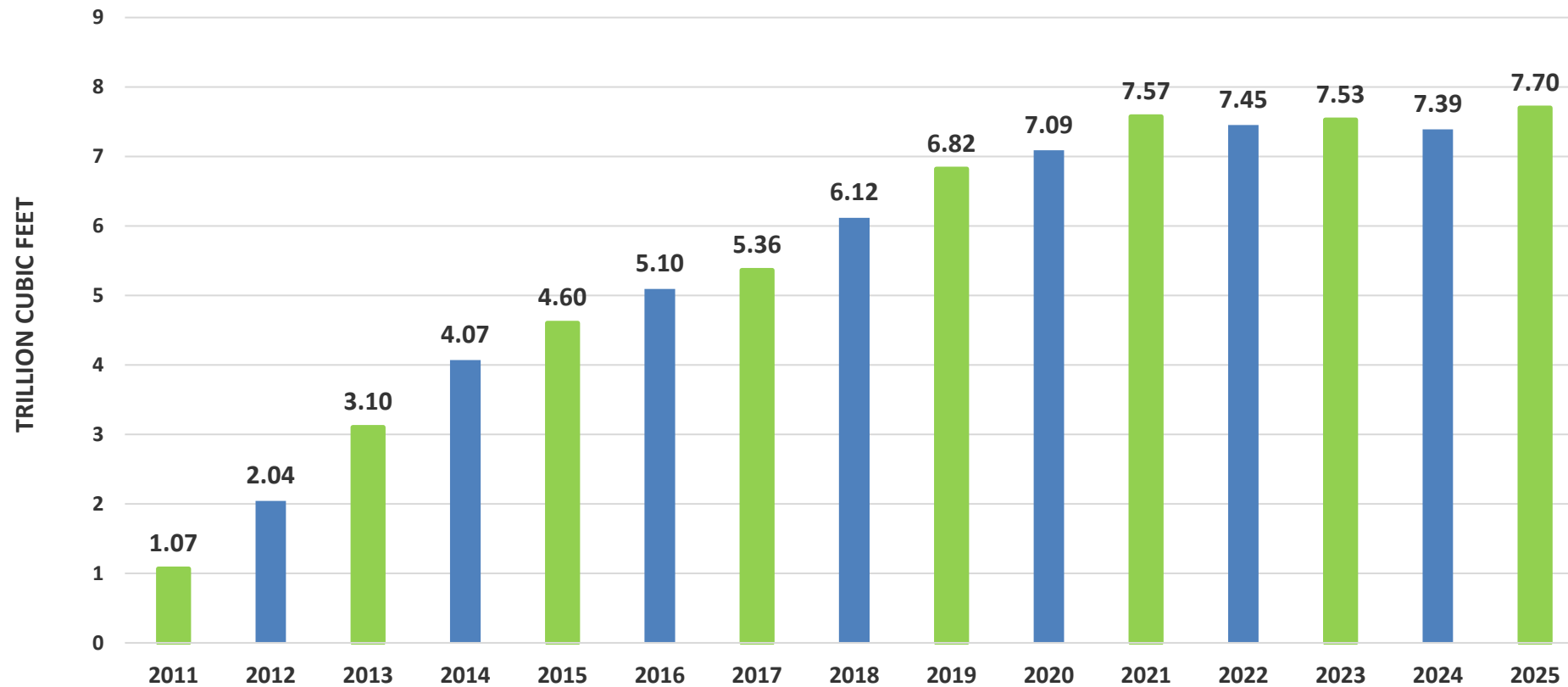
# Drilling Activity in PA



# NATURAL GAS PRODUCTION

# Fueling the Nation

## PA Unconventional Shale Gas Production 2011 - 2025

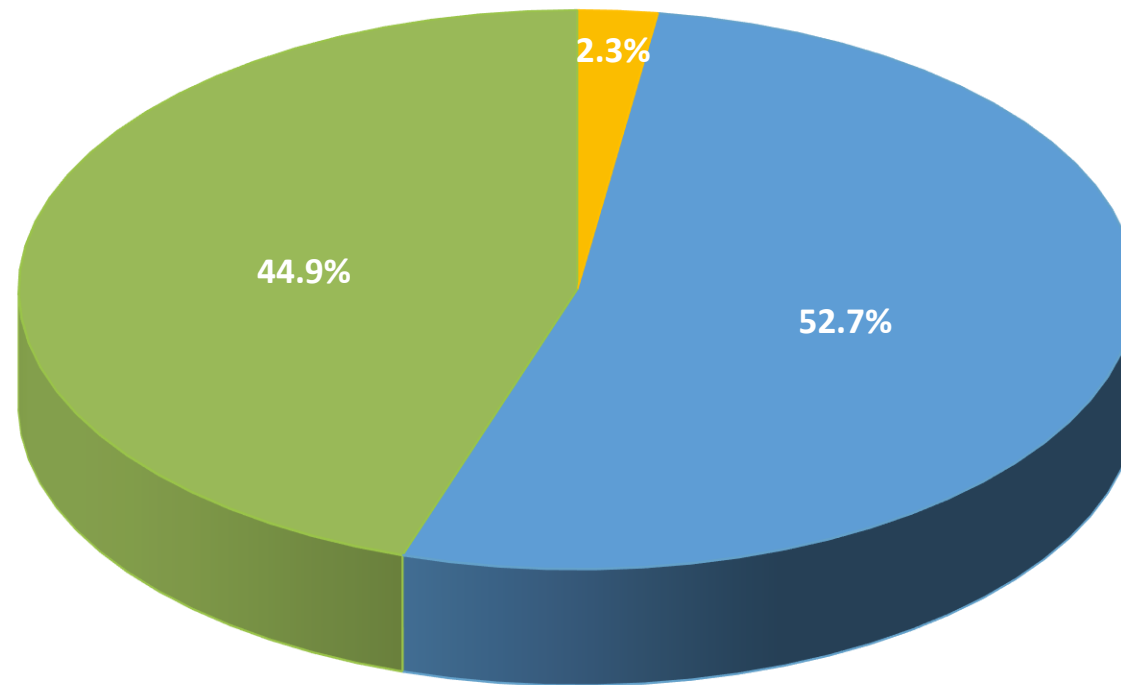


Source: Marcellus Shale Coalition & PA DEP

## Top Ten Producing Counties by Volume (2024)

County	Production (MCF)	% of PA Production	# of Producing Wells
Susquehanna	1,404,527,885	18.67%	1,936
Greene	1,149,350,374	15.3%	1,452
Bradford	1,131,149,998	15%	1,458
Washington	1,100,112,241	14.6%	1,898
Lycoming	519,812,079	6.9%	981
Tioga	432,852,334	5.8%	846
Westmoreland	297,914,107	4%	337
Butler	287,297,287	3.8%	609
Wyoming	234,410,019	3.1%	320
Allegheny	167,888,189	2.2%	181

## Unconventional Natural Gas Production By Region - 2024



Northwest

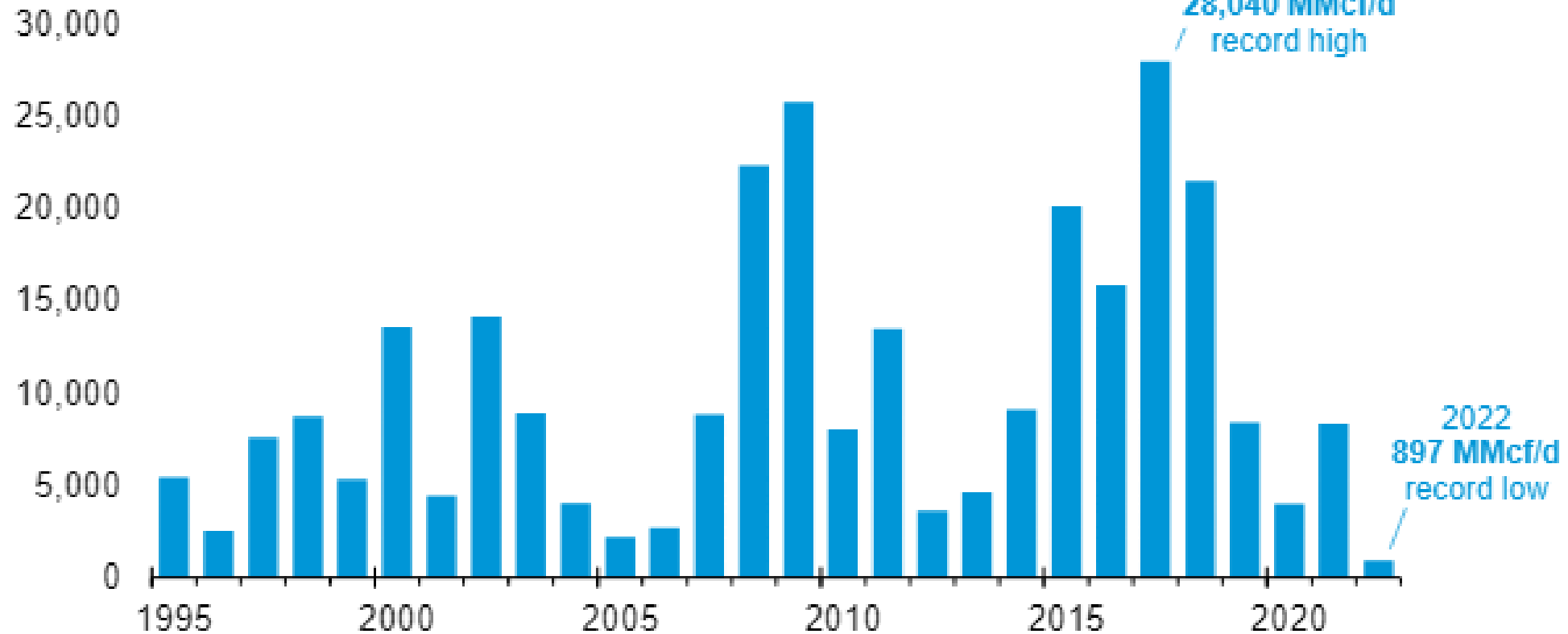
Northcentral/Northeast

Southwest

# MOVING GAS TO MARKET

























# Slowing Infrastructure Build-Out

Annual interstate natural gas pipeline capacity additions (1995–2022)  
million cubic feet per day (MMcf/d)



Source: U.S. Energy Information Administration – State to State Capacity Tracker

# Slowing Infrastructure Build-Out

Natural Gas, Oil Project Delays, Cancellations				
 CRUDE OIL  REFINED PRODUCTS  NATURAL GAS				
PROJECT	COMMODITY	OPERATOR	STATUS	YEARS ELAPSED PROPOSAL TO CANCELLATION <sup>1</sup>
KEYSTONE XL			CANCELLED	13
PORTLAND TO MONTREAL PIPELINE REVERSAL			CANCELLED	13
DAKOTA ACCESS PIPELINE EXPANSION			PERMIT VACATED	3
BYHALIA (DIAMOND TO CAPLINE)		 	CANCELLED	2
PALMETTO			CANCELLED	2
ATLANTIC COAST			CANCELLED	6
CONSTITUTION			CANCELLED	8
MOUNTAIN VALLEY			UNDER CONSTRUCTION	9
PENNEAST PIPELINE			CANCELLED	6
JORDAN COVE ENERGY PROJECT			CANCELLED	14

**Note:** Based on data from Rystad Energy; For Mountain Valley Pipeline, years elapsed represents from project's proposal to today.

Source: American Petroleum Institute

# Infrastructure Build-Out

Company	Proposed Pipeline	State(s)	Estimated Size in Bcfd	Possible in Service Date
Williams - Transco	Northeast Supply Enhancement (NESE)	PA, NJ, NY	0.4	Nov 2027
Williams / Coterra	Constitution	PA, NY	0.65	Q3 2027
Williams - Transco	Southeast Supply Enhancement	VA, NC, SC, GA, AL	1.6	Q4 2027
EQT - Mountain Valley Pipeline	Mountain Valley Pipeline - Southgate	VA, NC	0.55	mid 2028
DT Midstream/TC Energy	Millennium expansion	NY	0.5	Nov 2029
Williams - Transco	Power Express	VA	0.95	Q3 2030
Boardwalk Pipelines - Texas Gas Transmission	Borealis	OH	2.0	
EQT	Mountain Valley Pipeline expansion	WV, VA	0.5	

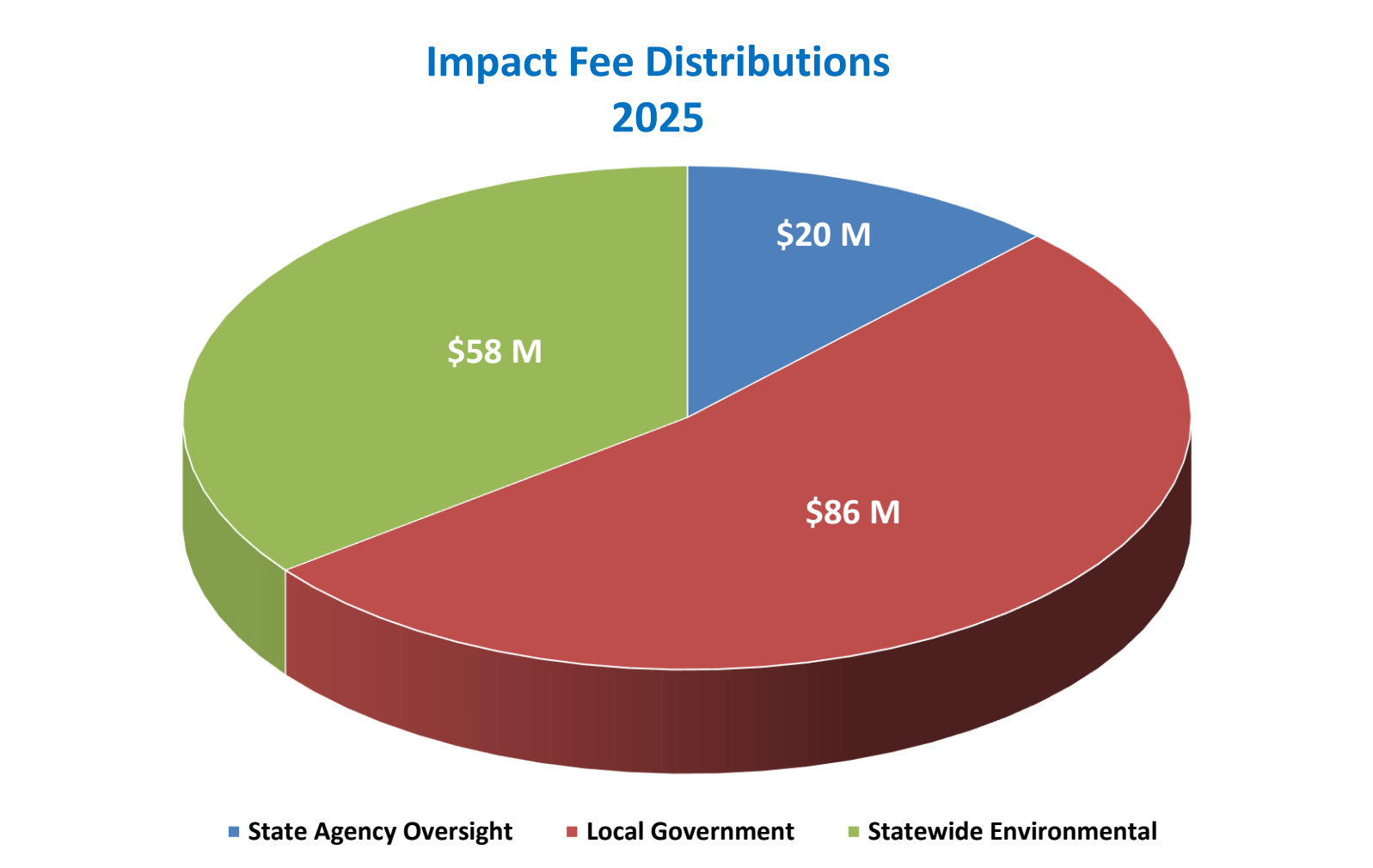
# PA'S SEVERANCE TAX: THE IMPACT FEE

# Impact Fee Revenues to Date



Year Distributed	Amount
2012	\$204.2 M
2013	\$202.5 M
2014	\$225.8 M
2015	\$223.5 M
2016	\$187.7 M
2017	\$173.3 M
2018	\$209.6 M
2019	\$251.8 M
2020	\$200.3 M
2021	\$146.3 M
2022	\$233.8 M
2023	\$278.8 M
2024	\$179.6 M
2025	\$164.6 M
2026	\$240 M
<b>TOTAL:</b>	<b>\$3.12 Billion</b>

# Benefiting PA Communities



PA'S NATURAL GAS IMPACT FEE (TAX)

**NEARLY \$3 BILLION GENERATED SINCE 2012**

**\$1.8B**

Supporting Community  
Initiatives

**\$1.2B**

Supporting Statewide  
Projects

# Benefitting Communities

NATURAL GAS TAX REVENUES NEAR \$3 MILLION FOR PA

**\$165 MILLION DISTRIBUTED IN 2025**

**\$86M**

LOCAL  
GOVERNMENTS

**\$58M**

STATEWIDE  
ENVIRONMENTAL  
PROGRAMS

**\$20M**

STATE AGENCY  
OVERSIGHT

# CONSUMER & ECONOMIC BENEFITS

# Benefiting Consumers

## Lower Prices = Customer Savings

- 💧 Wholesale electric prices generally stable since 2008
- 💧 Market transition through rate caps, fuel generation shift
- 💧 Natural gas prices for end-use customers down 35% - 86% compared to 2008 \*\*
- 💧 Average annual natural gas savings > \$388 - \$1,082 per household

## Lower Prices = Customer Savings 2008 vs 2025



Utility	PGC Rate / MCF		% Change	Annual Customer Savings**		
	2008*	2025*		2008-2025	Residential	Commercial
PECO	\$13.16	\$6.64	-50%	\$443	\$3,032	\$20,375
NFG	\$10.86	\$4.77	-56%	\$529	\$1,523	\$9,275
PGW	\$13.02	\$5.49	-58%	\$459	\$2,523	\$7,530
Columbia	\$15.94	\$7.01	-56%	\$616	\$2,661	\$33,541
UGI	\$13.26	\$6.61	-50%	\$479	\$2,095	\$8,299
Peoples/Equitable	\$15.89	\$4.09	-74%	\$920	\$3,044	\$37,170

\* PUC Purchased Gas Cost (PGC) Rate in Effect Prior to Annual Review

\*\* Based on average customer usage for each utility as reported in PA PUC Natural Gas Outlook 2024

# Benefiting Consumers



**\$8,831,090,437**

PA Natural Gas Consumer Savings in 2025 compared to 2008 prices

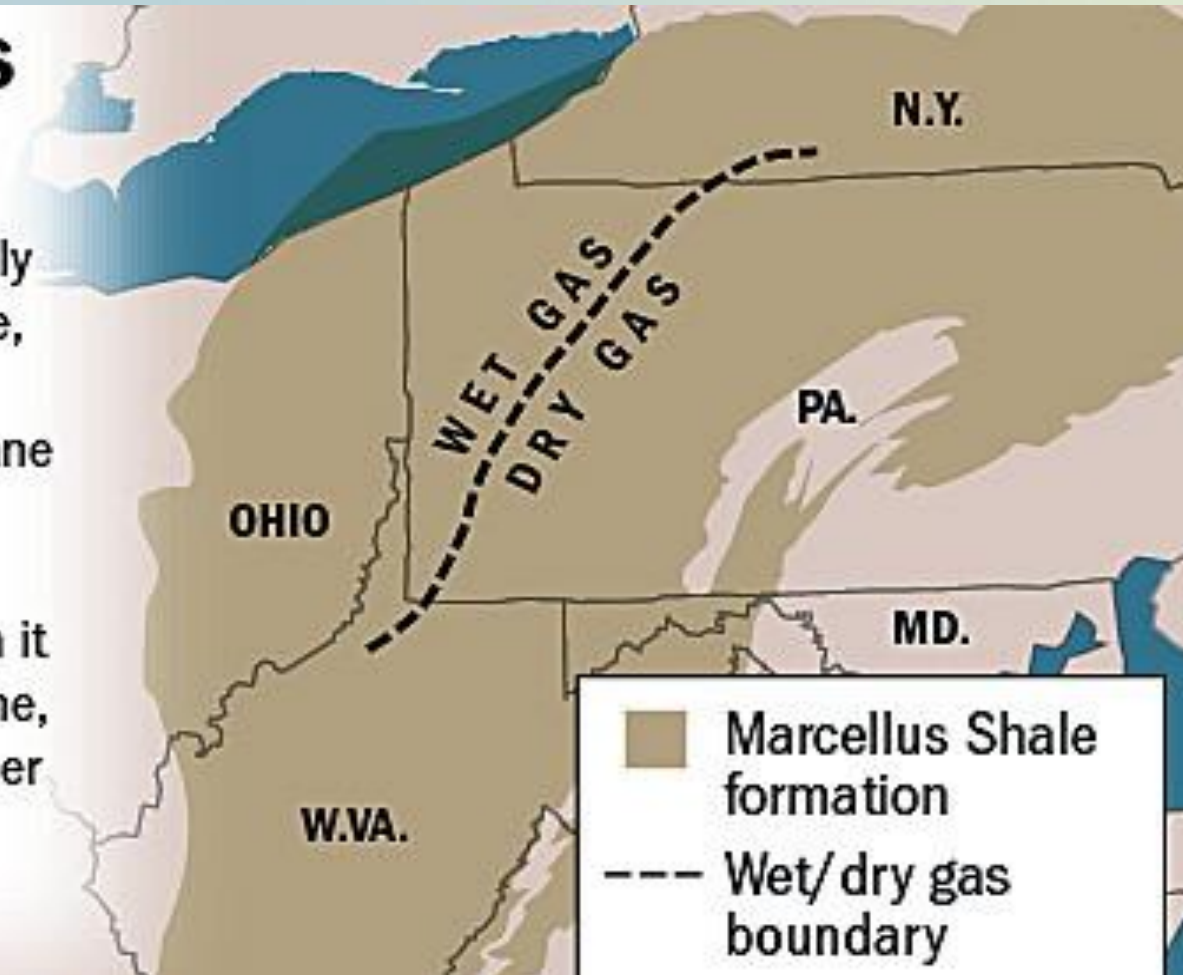
Based on average customer usage for each PA utility as reported in PA PUC Natural Gas Outlook 2024.  
Savings adjusted to reflect inflation 2008-2024 (Bureau of Labor Statistics)

# NATURAL GAS LIQUIDS

# Shale Gas in PA

## Wet/dry gas boundary

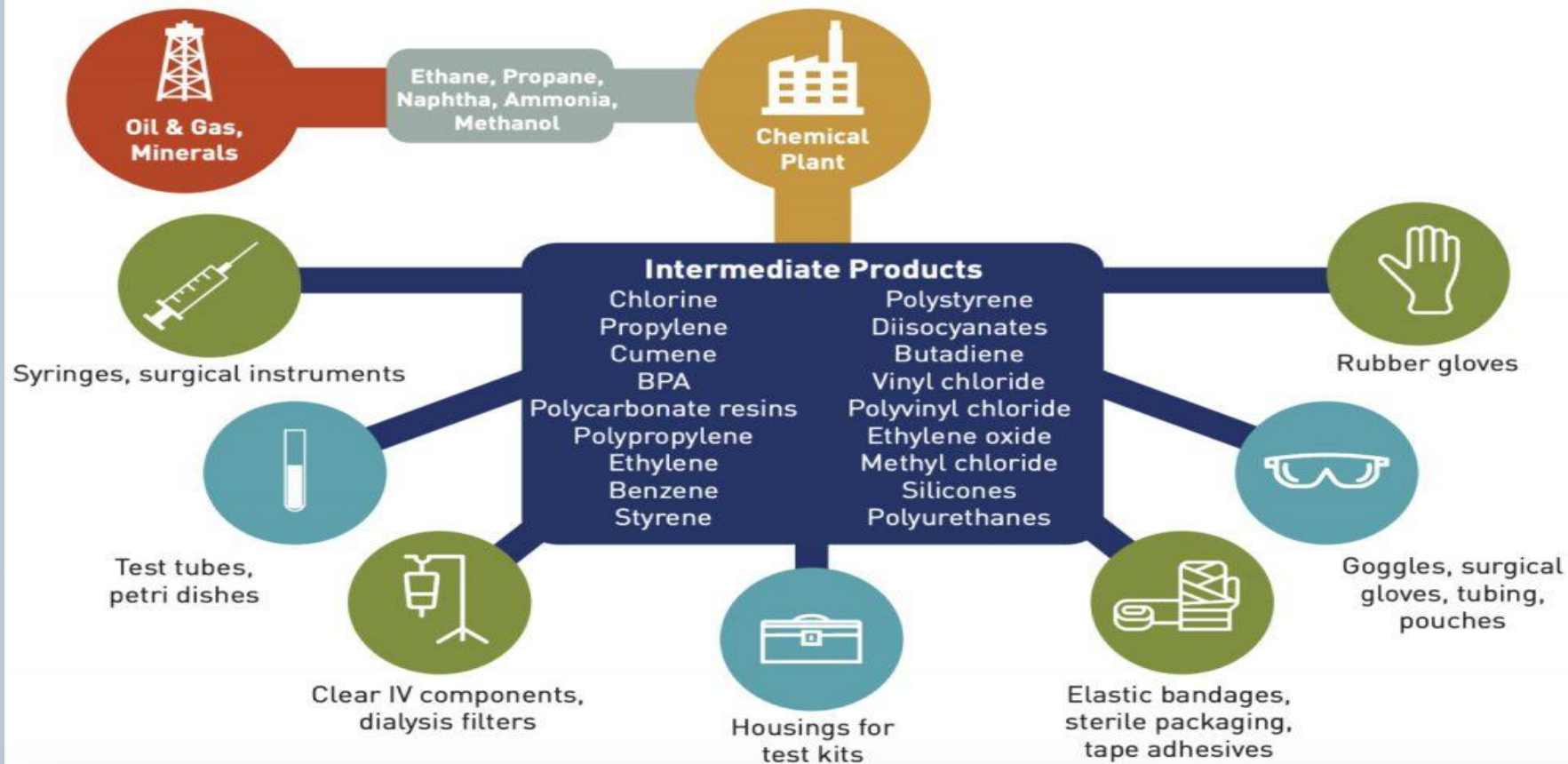
Natural gas is primarily composed of methane, and can also include ethane, propane, butane and pentane ("wet" gas). Natural gas is considered "dry" when it is almost pure methane, minus most of the other commonly associated hydrocarbons.



# Natural Gas Liquids: Feedstock of Our Economy

## MEDICAL SUPPLIES

Chemistry contributes 25% of the value of material inputs used to make medical supplies.



# Fueling Manufacturing

## 💧 \$208 Billion Chemical Industry Investment Tied to Shale Gas

- \$109 Billion (completed projects)
- \$31 Billion (under construction)
- \$68 Billion (planning phase)

## 💧 351 Total Projects

- 786,000 total jobs
- \$61.1 Billion payroll
- \$309.5 Billion economic output



*“Thanks to this versatile resource, American chemistry has experienced more than a decade of growth. Our new investment boosts employment, payrolls, and tax revenue in local communities and nationwide.”*

Chris Jahn, President & CEO, ACC

**Source:** American Chemistry Council. Economic contributions tied to higher chemical industry output 2010 – 2030.

# ECONOMIC IMPACTS

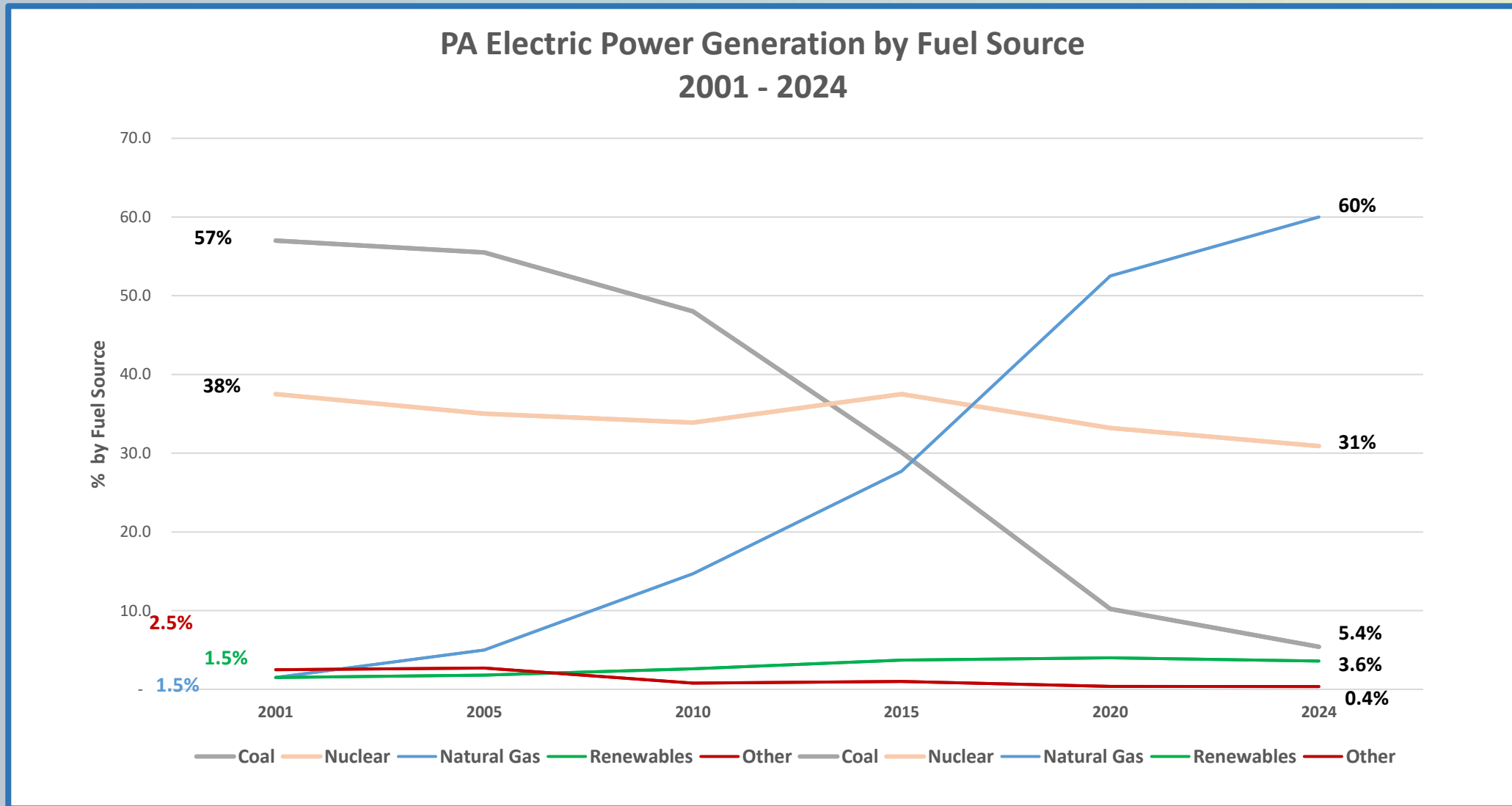
# Economic Impacts

## PA's natural gas industry:

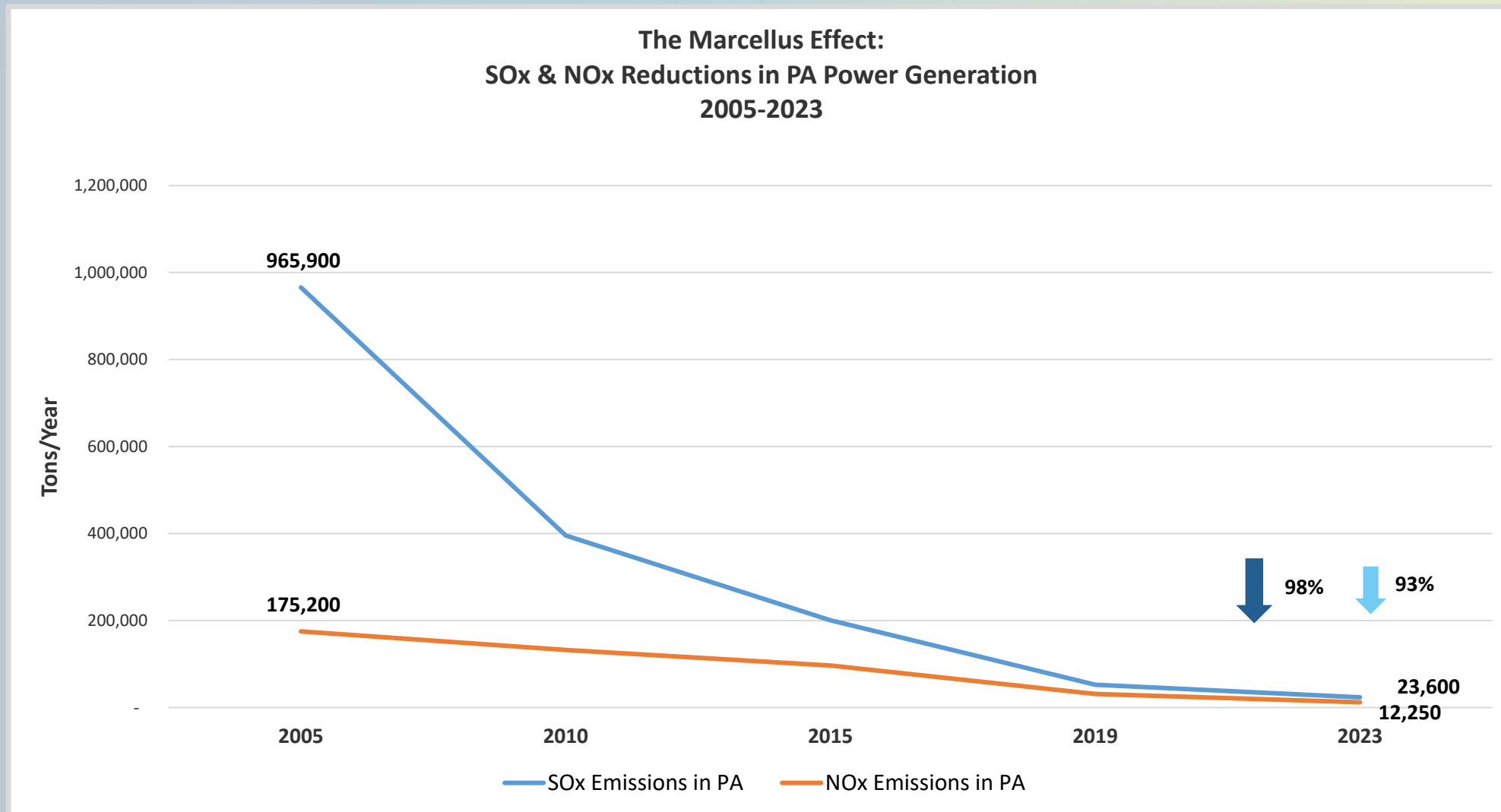
- 💧 Supports 123,000 Pennsylvania jobs
- 💧 Generates more than \$41 B in economic activity
- 💧 Pays over \$6.3 B in royalties to PA landowners, including government agencies
- 💧 Pays workers an average of \$97,000, which is 113% higher than PA's median wage
- 💧 Pays over \$5.8 B in local, state & federal taxes

# ENHANCING AIR QUALITY

# PA's Changing Energy Landscape

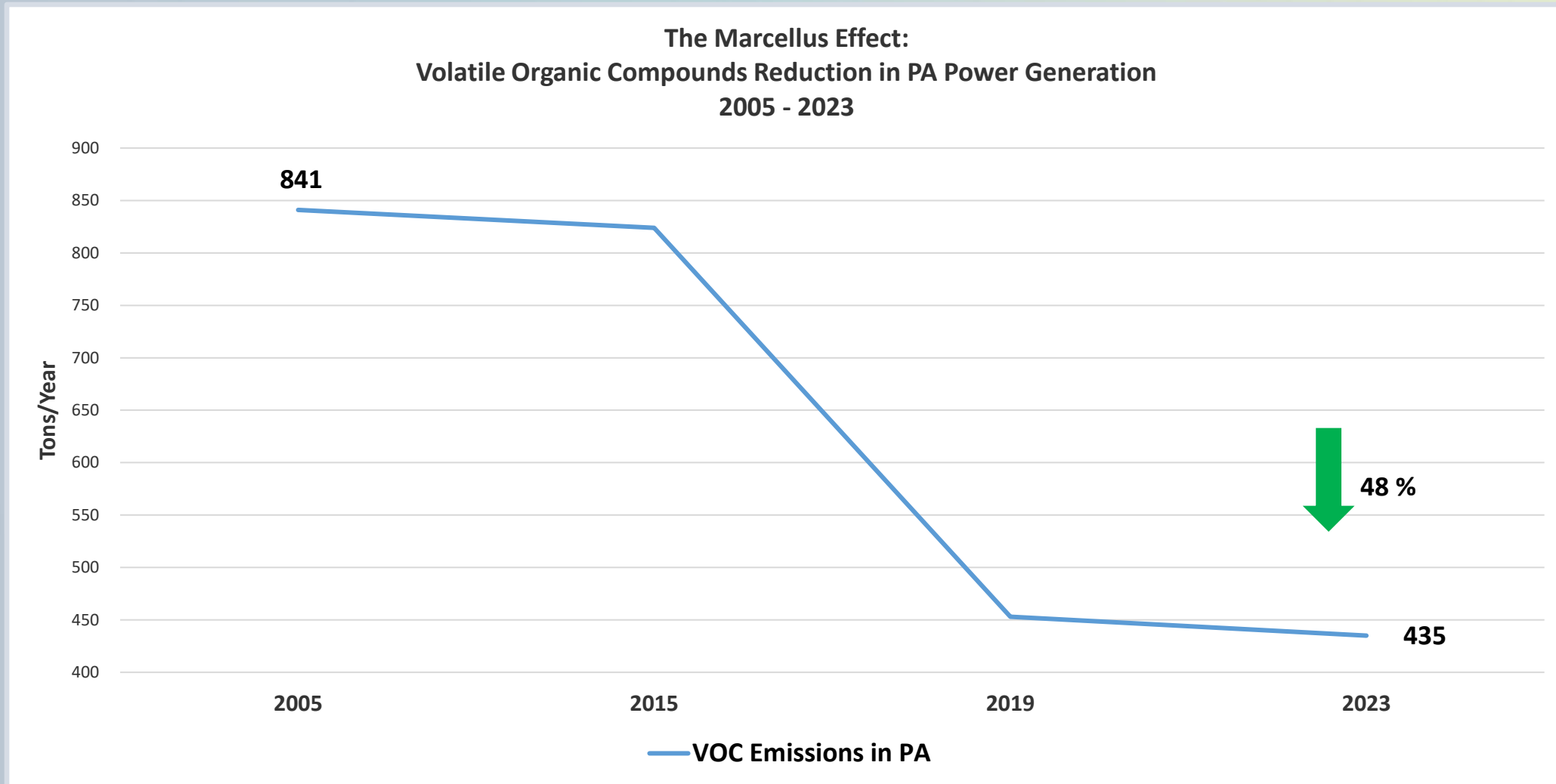


# Enhancing Air Quality

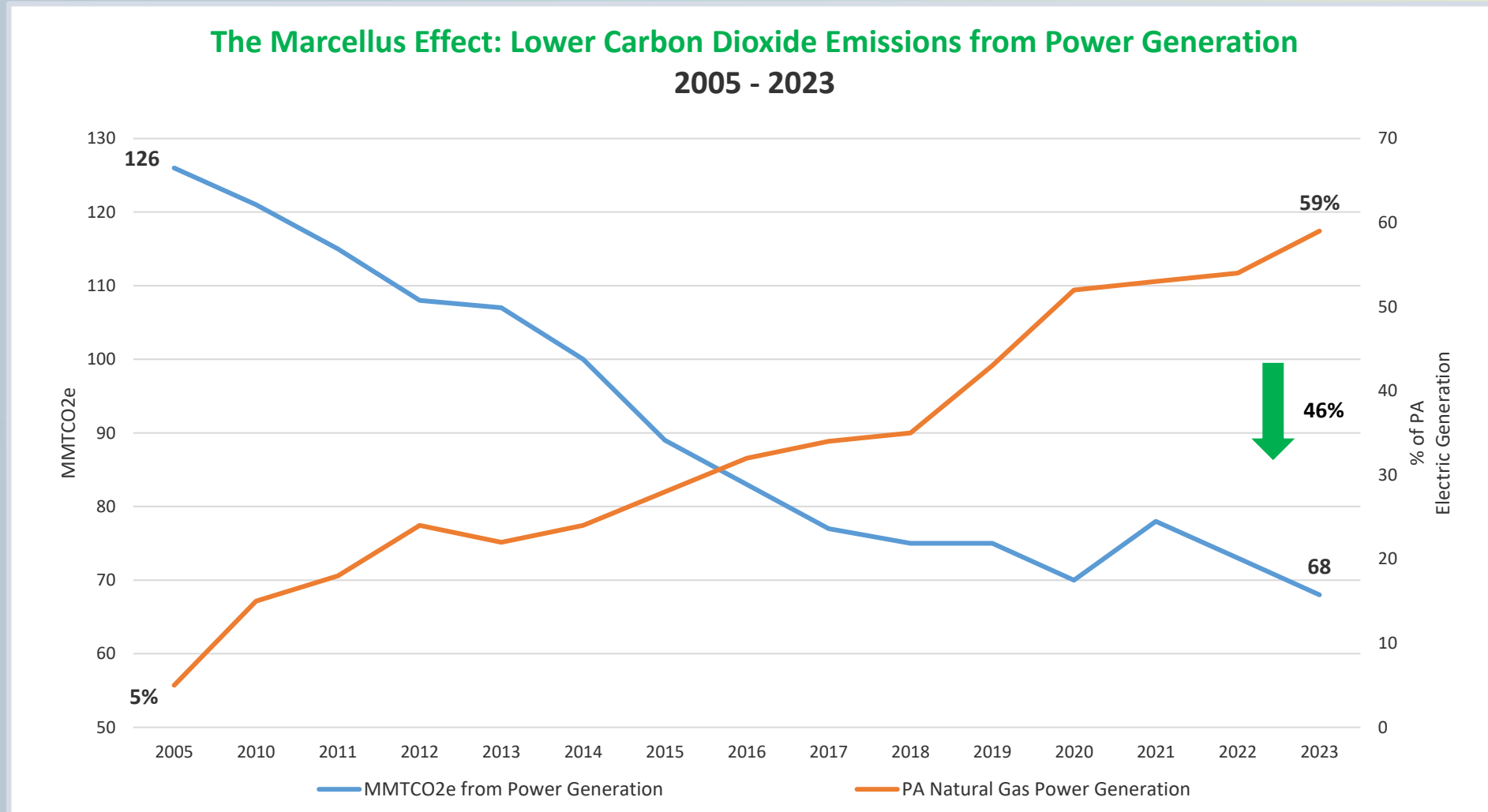


Source: PA Department of Environmental Protection – Air Emission Report (Power BI) – Accessed February 2025

# Enhancing Air Quality







# Leading on Climate Change



# Enhancing Air Quality

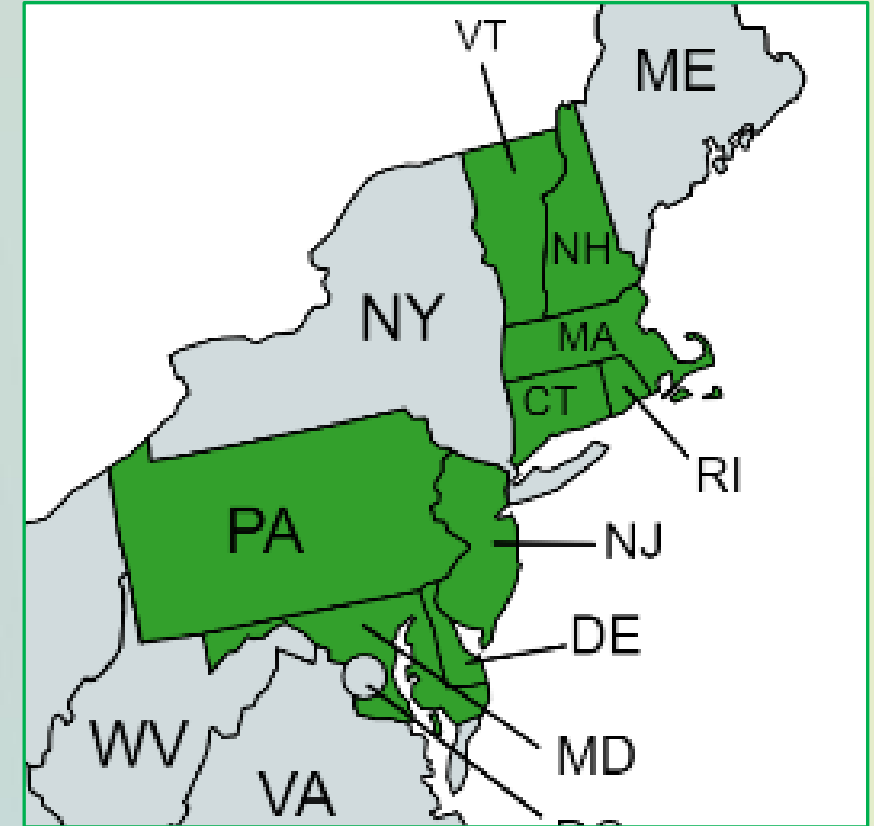
## Environmental Benefits are Undeniable

Since 2005...

-  VOCs *down 48%*
-  NOx *down 93%*
-  SOx *down 98%*
-  CO<sub>2</sub> *down 46%*

# Enhancing the Environment...Now and in the Future

- Thanks to natural gas electric generation, PA emitted 58 million metric tons fewer of CO<sub>2</sub> in 2023 compared to 2005.
- This is equivalent to removing **12.5 Million** cars from the road for a year.
- Or – removing every car in PA, CT, DE, MA, MD, NH, NJ, RI & VT – *combined*



# Enhancing the Environment...Enhances Public Health

## Since 2005

- 🔹 Natural gas electric generation has increased from 5% to 60% of all PA generation.
- 🔹 As a result, **nitrogen oxide emissions** are **down 93%** (1,480,300 *fewer* tons emitted) and **sulfur oxide emissions** are **down 98%** (12,069,800 *fewer* tons emitted) from the PA electric generation sector.
- 🔹 These emission reductions equate to public health benefits of between **\$491 Billion - \$1.13 Trillion** for Pennsylvania residents.



# Marcellus Shale Coalition Contact

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# Support Pennsylvania Energy

[www.unitedshaleadvocates.com](http://www.unitedshaleadvocates.com)