

THINK ABOUT ENERGY:

A Decade of Environmental & Regulatory Progress in the Natural Gas Industry

August 26, 2020

Overview of Presentation

- 💧 And in the beginning...flashback to the early years
- 💧 Key challenges
- 💧 Regulating the Industry
- 💧 Measurable progress

And in the beginning...

The Early Years

- 💧 The Great Recession of '08
- 💧 State Forest Leasing
 - \$430 Million in Bonus payments
- 💧 The Tax Man (*wants to*) Cometh



Key Challenges

Key Challenges

- 💧 Workforce
- 💧 Impacts to Water
- 💧 “Doing it right” ...
- 💧 Workforce



Regulating the Industry

- 💧 **DEP Oversight**
 - Staffing Up
- 💧 **Water well protections**
 - Chapter 78 Update (2010)
- 💧 **Waterway Impacts**
 - Industry leadership on curbing discharges
- 💧 **Marcellus Shale Advisory Commission**
- 💧 **Act 13**
- 💧 **Pipeline Safety**

Measurable Progress

Environmental Compliance

- 98.3% (2019)

Lower Energy Bills

- Natural gas: 56% - 72% savings
- Electricity: >40% lower wholesale prices

Cleaner Air

- Natural gas power generation (5% in '05 to 43% in '19)
 - SO_x – 93%
 - NO_x – 81%
 - VOCs – 40%

Thank you!

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