

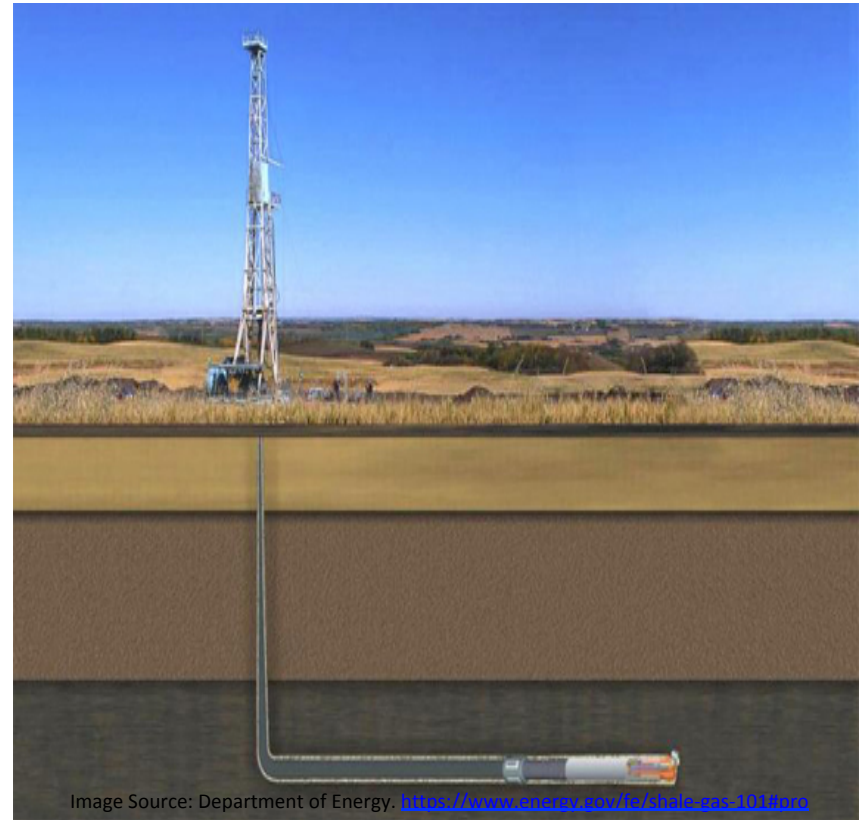
API Recommended Practice (RP) for Large Diameter Rural Gas Gathering Lines

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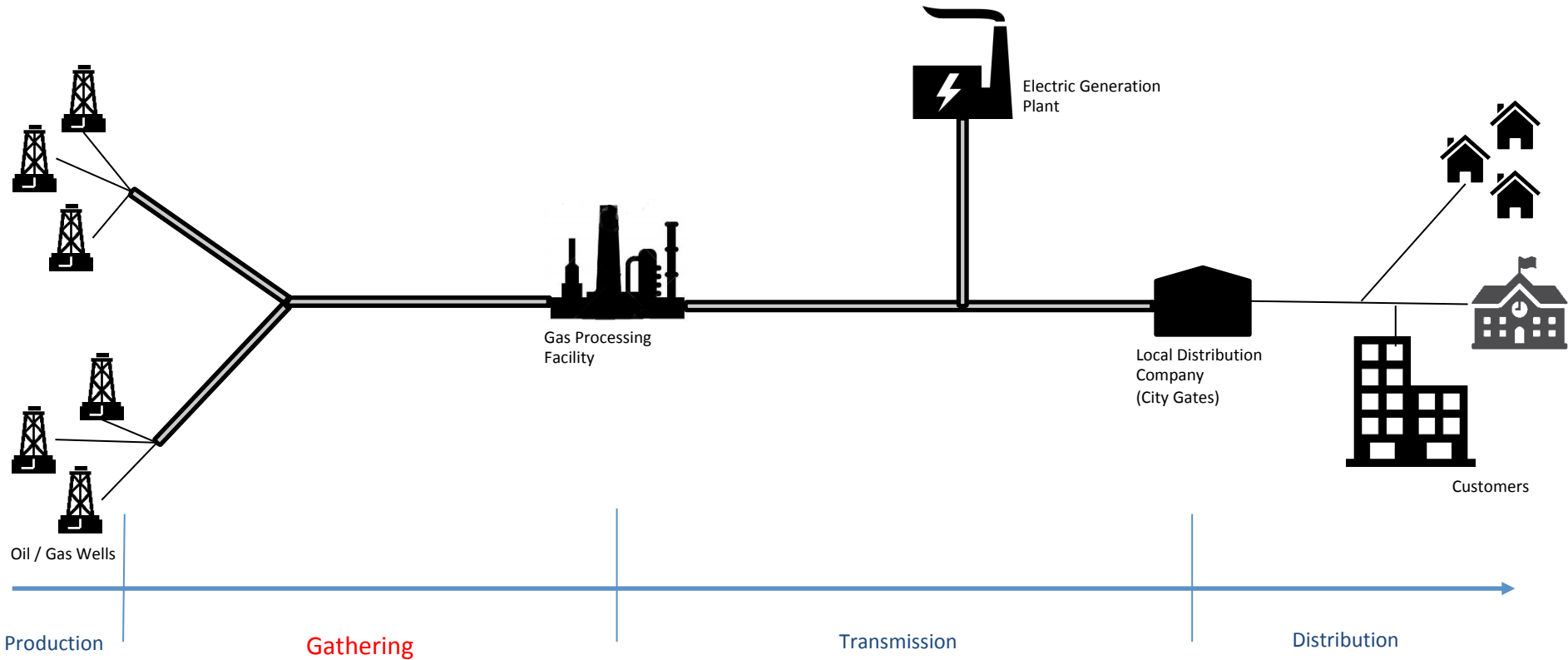
Pipeline Safety Trust Conference
November 8, 2019 – New Orleans, LA

Background

- Increase in US natural gas production, especially unconventional production in shale regions
- Increased production resulting in larger diameter, larger pressure gathering lines
- Most of these new lines are **Class 1 Rural Gathering** lines, not subject to federal standards
- Regulators and industry share a common goal of safe and reliable pipeline transportation

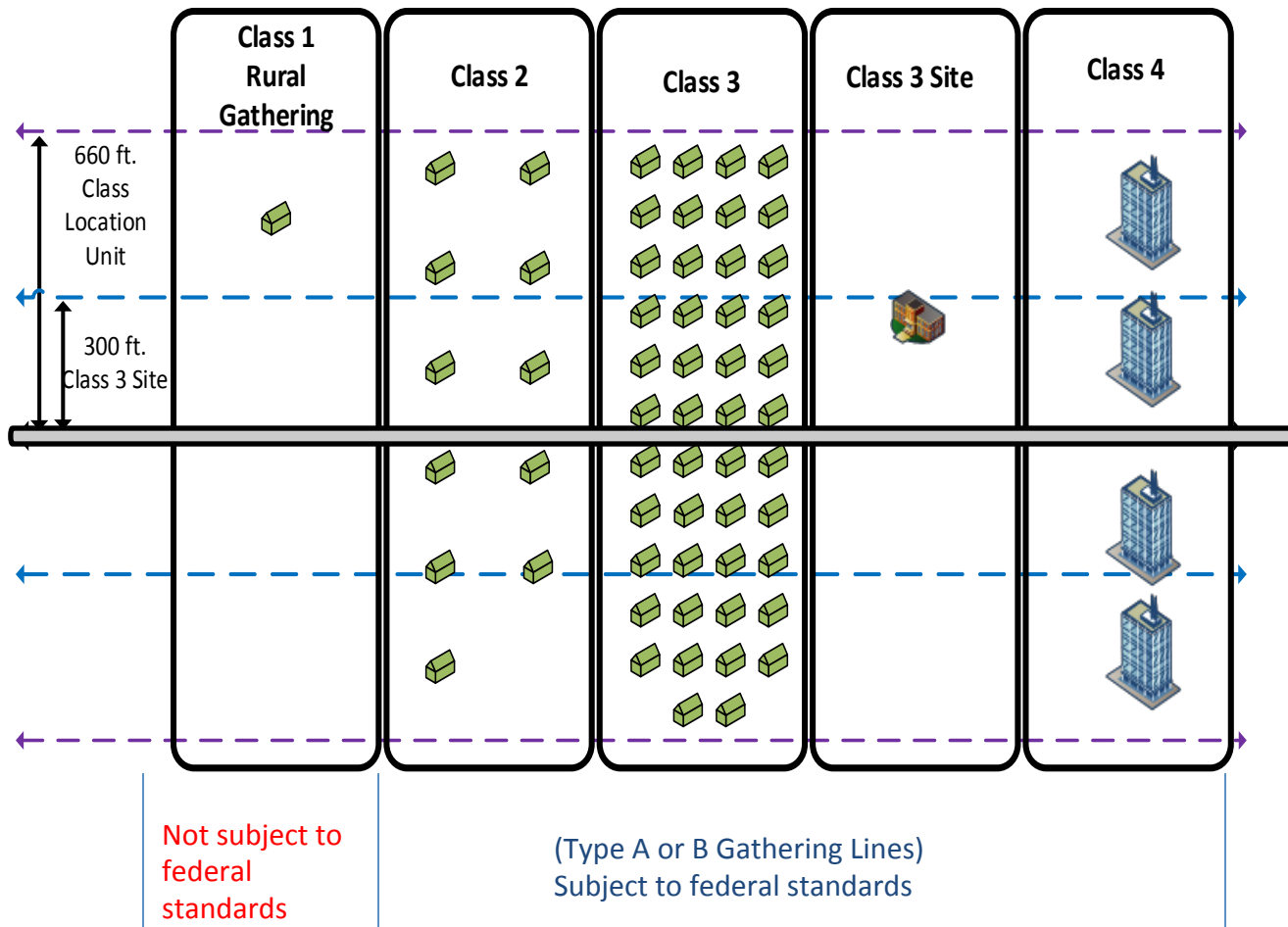


What is Gathering?



What is a Class Location?

Current Class Locations



What are we doing about it?

- API initiated creation of Recommended Practice (RP) 1182 – Large Diameter Rural Gas Gathering Lines
- Initial meeting in January 2018
 - Almost 100 participants
 - Industry
 - Regulators
 - Public advocacy groups
- Uses existing, proven concepts to evaluate potential public risk
 - Diameter + Operating Pressure
 - Class Location Analysis + Potential Impact Radius
- Possible framework for future regulation
- Final draft up for ballot now!

What does it say?

- Applies to rural gas gathering lines greater than 12.75 inches in diameter
- Two categories:
 - Type C - Higher pressure (with some exceptions)
 - Type D – Lower pressure (and those excepted from Type C)
- Requirements include:
 - Design, construction, and testing (new pipelines)
 - Maximum allowable operating pressure (MAOP)
 - Damage prevention and line marking
 - Emergency response & notifications
 - Repair
 - Security
 - Leak surveys
 - Corrosion control
 - Public awareness
 - Record Keeping



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Next Steps

- Resolve stakeholder comments and finalize
- Operators lead by example
- Continue to gather and analyze data
- Plan, Do, Check, Act

