



Pipeline Infrastructure Task Force Meeting

July 22, 2015

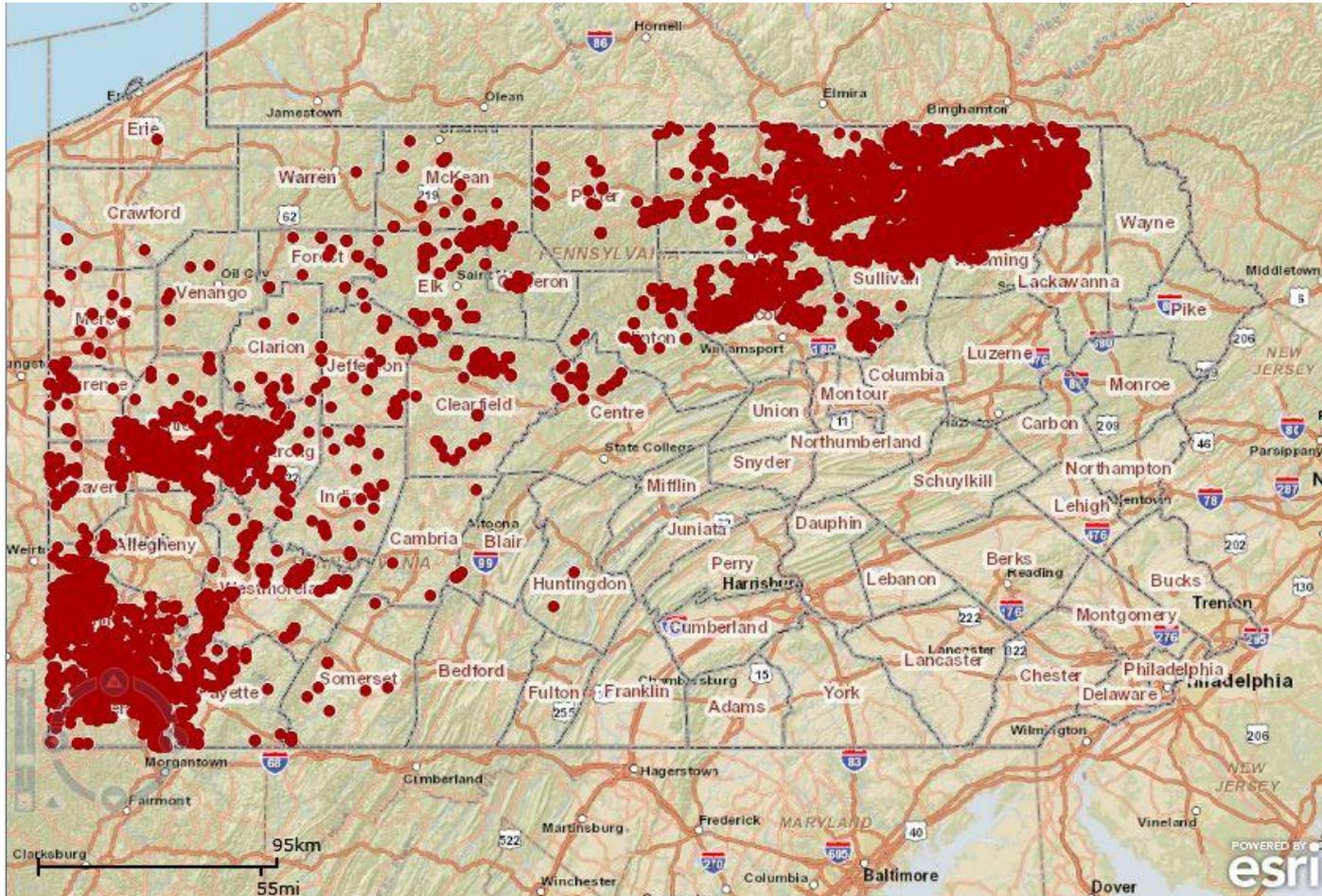
1:00 – 4:00 pm

Susquehanna Rooms A & B
DEP Southcentral Regional Office
909 Elmerton Avenue
Harrisburg, PA



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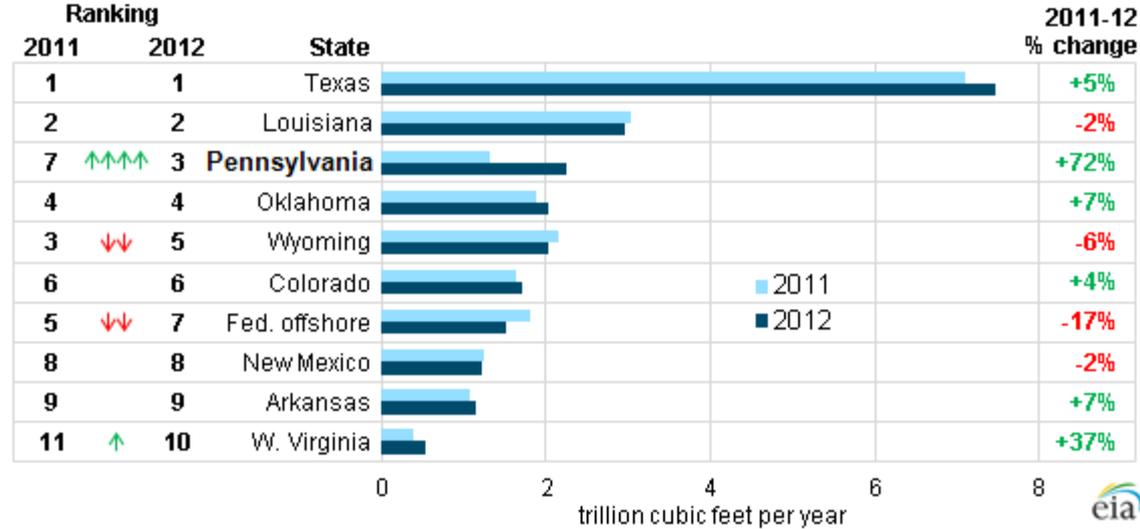
Unconventional Gas Wells Drilled, 2007 – 2015





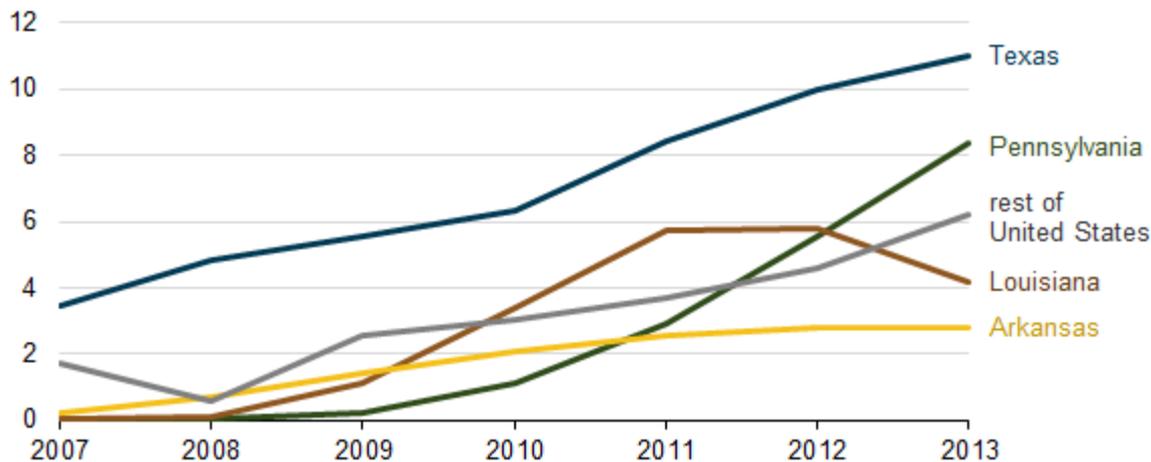
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Marketed natural gas in the top 10 producing states (2011-12)



Gross withdrawals from shale gas wells in selected states (2007-13)

billion cubic feet per day





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Pipelines

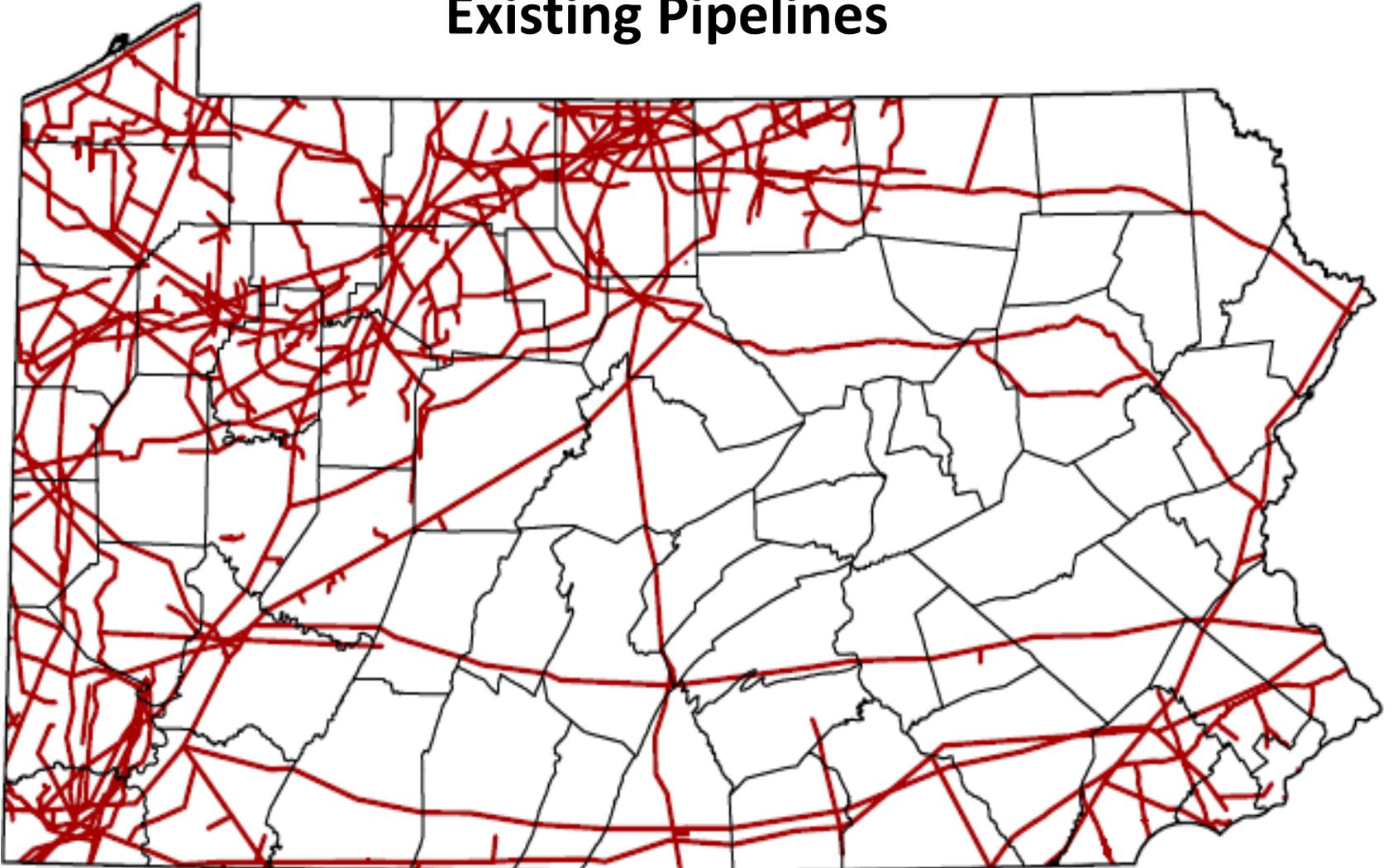
- Upstream (Exploration and Production) - Gathering Lines
- Midstream (Processing, Transportation, Storage) - Midstream and Transmission Lines
- Downstream (Processing and Refining)





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Existing Pipelines

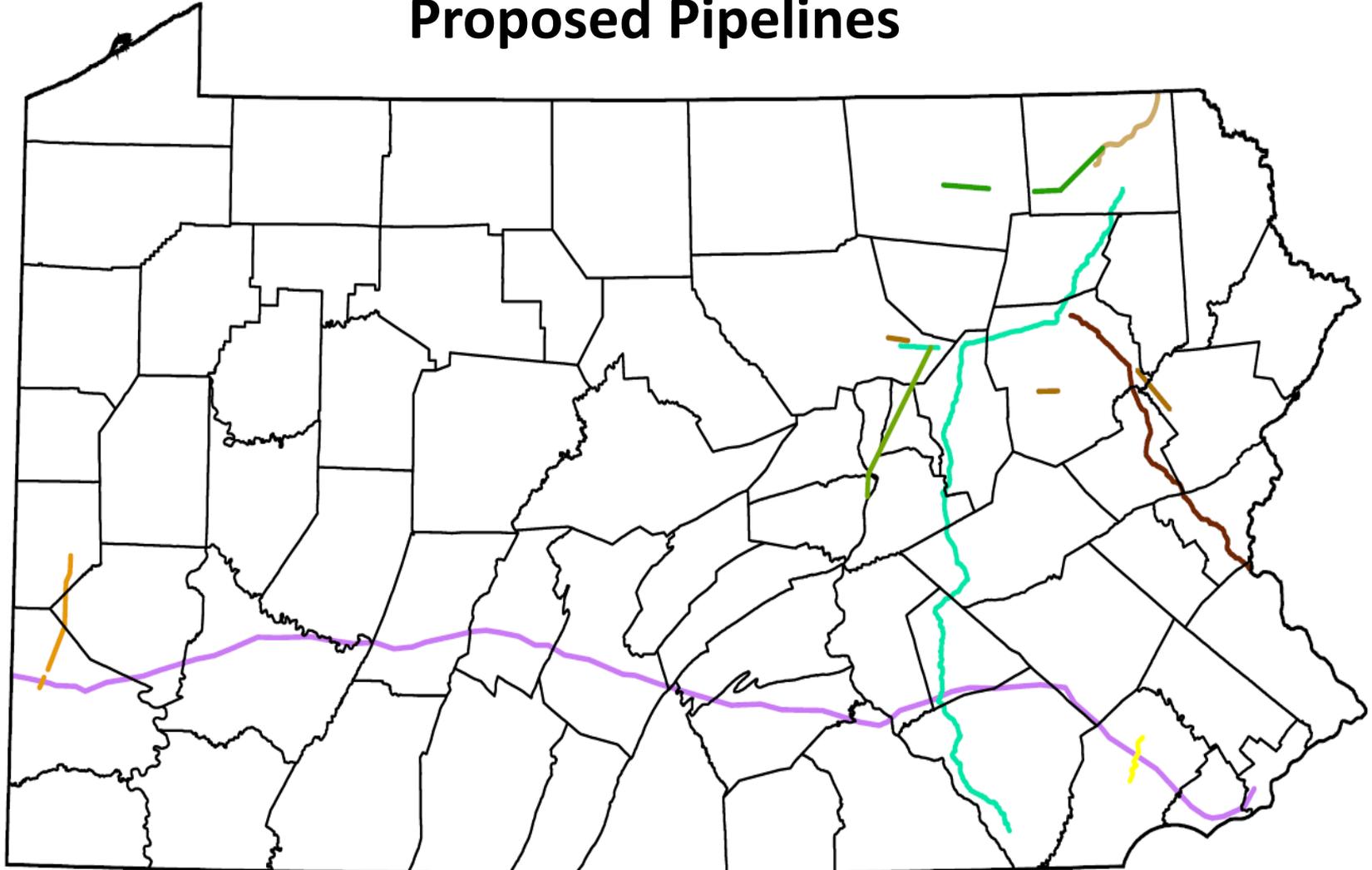


Note: Map is generated from ArcGIS Online and the lines are approximations and generalizations.



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Proposed Pipelines

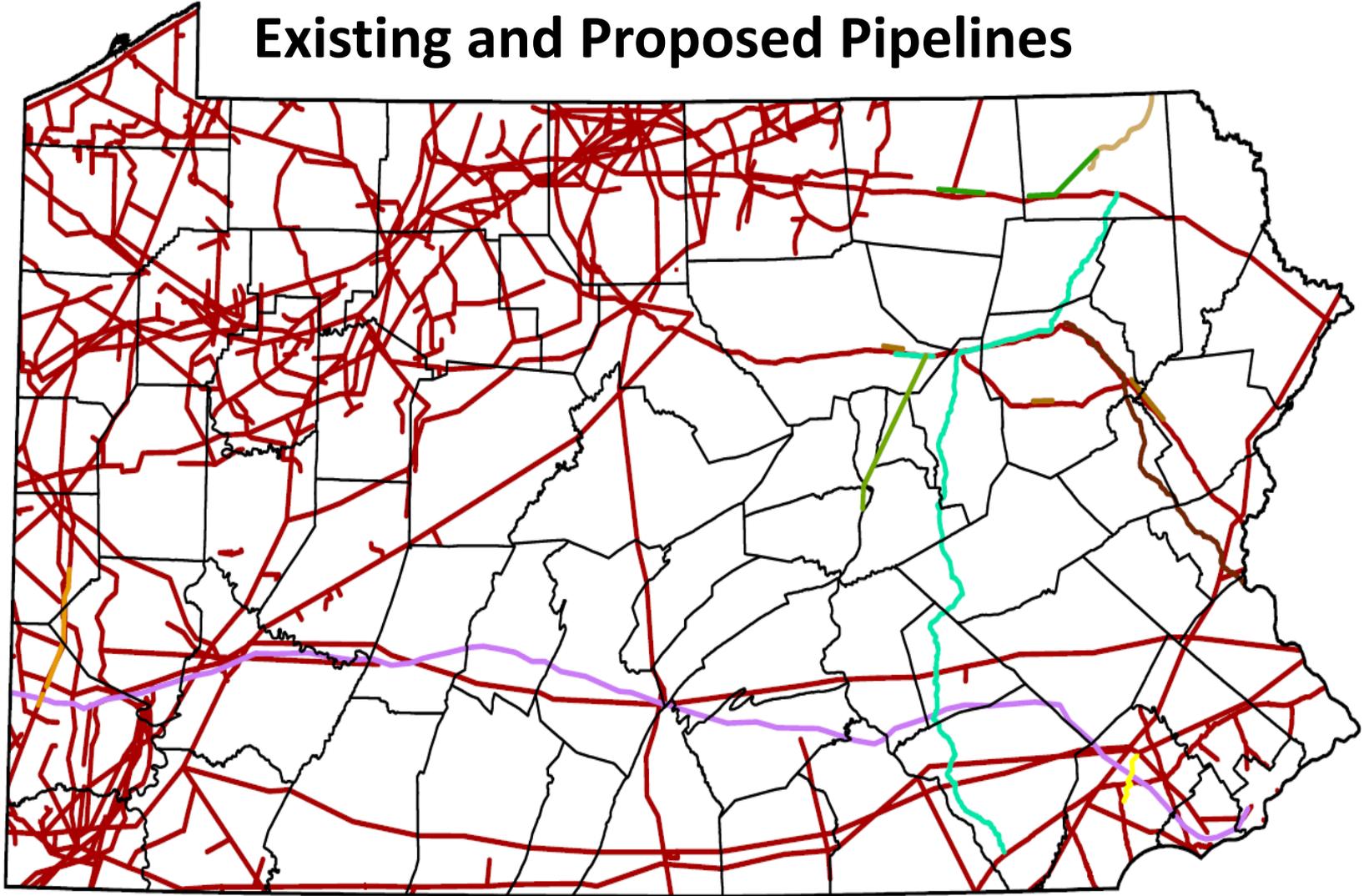


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Existing and Proposed Pipelines

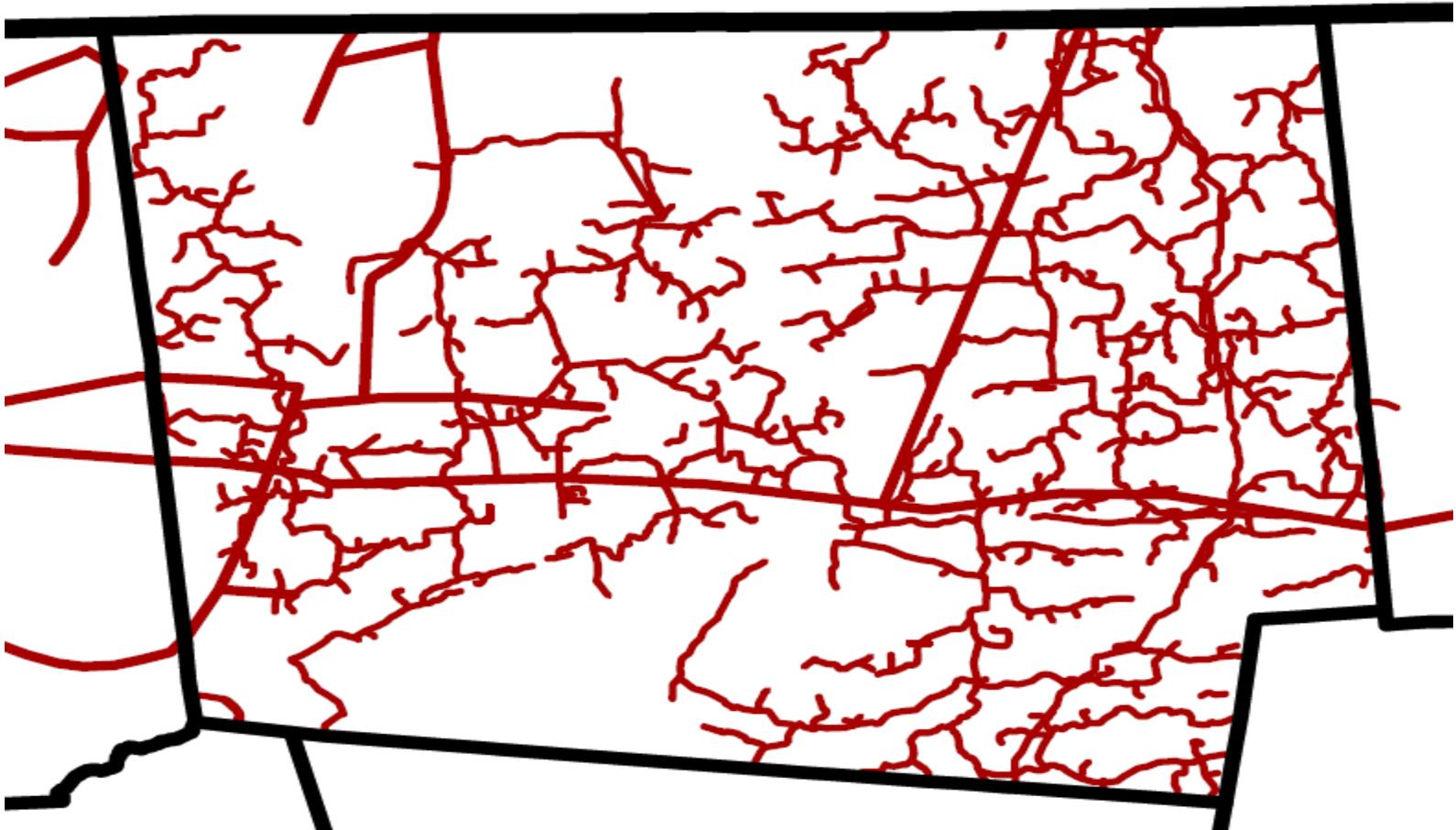


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Gathering Lines – Bradford County



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Mission

In the next decade, Pennsylvania will undergo a substantial pipeline infrastructure build-out to transport gas and related byproducts from thousands of wells throughout the state. The unprecedented build-out creates an opportunity for the Commonwealth to engage stakeholders in a collaborative process to achieve a world-class pipeline infrastructure system.

A stakeholder-driven effort, the Pipeline Infrastructure Task Force (PITF) will develop policies, guidelines and tools to assist in pipeline development (including planning, permitting and construction) as well as long-term operation and maintenance.

This will be a transparent process, and will entail close coordination with federal agencies, state partners, local governments, industry representatives, landowners and environmental advocates.



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External Stakeholders

Agriculture
Conservation and Natural Resources
Conventional Oil and Gas
County Government
Emergency Preparedness
Environmental Protection
Historical, Cultural and Tribal
Local Government
Natural Gas End User
Pipeline Industry
Pipeline Safety and Integrity
Unconventional Oil and Gas
Workforce and Economic Development

State Government

Department of Environmental Protection
(Chair)
Department of Agriculture
Department of Community and Economic
Development
Department of Conservation and Natural
Resources
Department of Health
Department of Transportation
Emergency Management Agency
Fish and Boat Commission
Game Commission
Governor's Office of Policy and Planning
Historical and Museum Commission
Public Utility Commission
Turnpike Commission

Legislative Appointments

President Pro Tempore of the Senate
Minority Leader of the Senate
Speaker of the House
Minority Leader of the House

Federal Government

Federal Energy Regulatory Commission
U.S. Army Corps of Engineers
River Basin Commission

Workgroups



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Pipeline Infrastructure Task Force

Objectives and Responsibilities

The purpose and goals of the Task Force are to define a series of best practices and recommendations to:

- Plan, site and route pipelines in ways that avoid or reduce environmental and community impacts
- Amplify and engage in meaningful public participation
- Maximize opportunities for predictable and efficient permitting
- Employ construction methods that reduce environmental and community impact
- Ensure pipeline safety and integrity during operation of the pipeline

The Task Force will provide a final report detailing its findings to Governor Tom Wolf.



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Workgroups





Workgroups

Workgroups will:

- Establish the framework of information gathering and productive discussion around best management practices within the workgroup focus area
- Conduct a series of working sessions with workgroup members and other stakeholders to fully understand the issues related to pipeline infrastructure development within the context of the workgroup focus area
- Develop a series of recommended best practices and other recommendations within the workgroup focus area
- Report recommendations to the Task Force for additional discussion, consideration, and assimilation into the final report to the Governor



Workgroup Assignments

Agriculture: Recommend best practices related to avoiding, minimizing, and mitigating the impacts of pipeline infrastructure development on the agricultural sector

Conservation and Natural Resources: Recommend best practices related to avoiding, minimizing, and mitigating the impacts of pipeline infrastructure development on species, habitat, and wildlife, scenic vistas and aesthetics, recreational values, and State Forest and State Game Lands

County Government: Recommend best practices to harmonize pipeline infrastructure development with county land use planning



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Workgroup Assignments

Emergency Preparedness: Recommend best practices related to on-the-ground first response and develop adequate and appropriate training programs for first responders in communities impacted by pipeline infrastructure development

Environmental Protection: Recommend best practices related to the protection of land, water and air during pipeline infrastructure development and identify ways to maximize opportunities for predictable and efficient permitting across state and Federal jurisdictions

Historical, Cultural and Tribal: Recommend best practices related to the protection of historic and cultural resources and identify ways to maximize tribal involvement in pipeline infrastructure development



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Workgroup Assignments

Local Government: Identify important issues to local governments across the Commonwealth before, during, and after pipeline infrastructure development, and identify best practices in engaging and communicating with local governments as part of that process

Natural Gas End Use: Identify potential expansion options in PA for end uses of the gas, including energy technologies such as combined heat and power (CHP) and natural gas fuel cells that can benefit Pennsylvania businesses and spur the creation of microgrids; economic and regulatory obstacles; and methods by which communities that are currently not served by natural gas – particularly those in proximity to the resource – can avail themselves of access to it



Workgroup Assignments

Pipeline Safety and Integrity: Identify best practices for construction (including construction inspection), pipeline testing and inspection, and long term operations and maintenance to ensure long term pipeline safety and integrity. Special consideration should be given to Leak Detection and Repair (LDAR) to minimize methane emissions from pipeline infrastructure

Public Participation: Recommend best practices to amplify and engage in meaningful public participation in the pipeline infrastructure development process

Siting and Routing: Recommend best practices related to planning, siting and routing pipelines in ways that avoid, minimize, or mitigate environmental and community impacts from pipelines across the Commonwealth



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Workgroup Assignments

Workforce and Economic Development: Consider the workforce and economic development potential for the Commonwealth related to pipeline infrastructure development. Working collaboratively with the Natural Gas End Use Workgroup, this workgroup will focus on identifying approaches to creating opportunities for existing and new Pennsylvania businesses and manufacturers to utilize natural gas, including but not limited to business recruitment strategies; encouraging the creation of offtake points for local economic development during pipeline planning; policy/regulatory/financial obstacles; developing a skilled workforce



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Workgroup Chairs

- Chair must lead the work
- The number and frequency of workgroup meetings will be based on workgroup preferences but should be at least monthly
- A DEP employee will serve as a liaison to each workgroup, and provide content support
- Workgroup members are responsible for research, note-taking, and report writing



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Workgroup Chairs

- The goal of each workgroup is to deliver to the task force a set of recommendations and recommended best practices, as well as appropriate supporting materials to meet the workgroup's specific assignment
- Final workgroup recommendations are to be completed and submitted by 12:00 pm on Monday, November 2, 2015



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Operating Rules

- Robert's Rules of Order
- Strive for Consensus



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Task Force Standard Meeting Template

- Welcome and Introductions
- Presentation(s) to inform/educate members
- Workgroup Reports
- Discussion
- Public Comment
 - Individual – 2 minutes
 - Group – 5 minutes
- Next Steps



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Schedule

Kick-off meeting of Task Force	Wednesday, July 22 : 1:00 pm – 4:00 pm
Kick-off meetings for each of 12 workgroups completed	Friday, July 31
Meeting of Task Force	Wednesday, August 26: 1:00 pm – 4:00 pm
Meeting of Task Force	Wednesday, September 23: 1:00 pm – 4:00 pm
Meeting of Task Force	Wednesday, October 28: 1:00 pm – 4:00 pm
Deadline for all workgroup reports	Monday, November 2 by 12:00 pm
Meeting of Task Force – Discussion of first draft of report	Wednesday, November 18: 1:00 pm- 4:00 pm
Public Comment Period	December
Meeting of Task Force – Review of final draft of report	Wednesday, January 13, 2016: 1:00 pm - 4:00 pm
Presentation of final report to Governor Tom Wolf	February 2016



Questions?



Thank you