

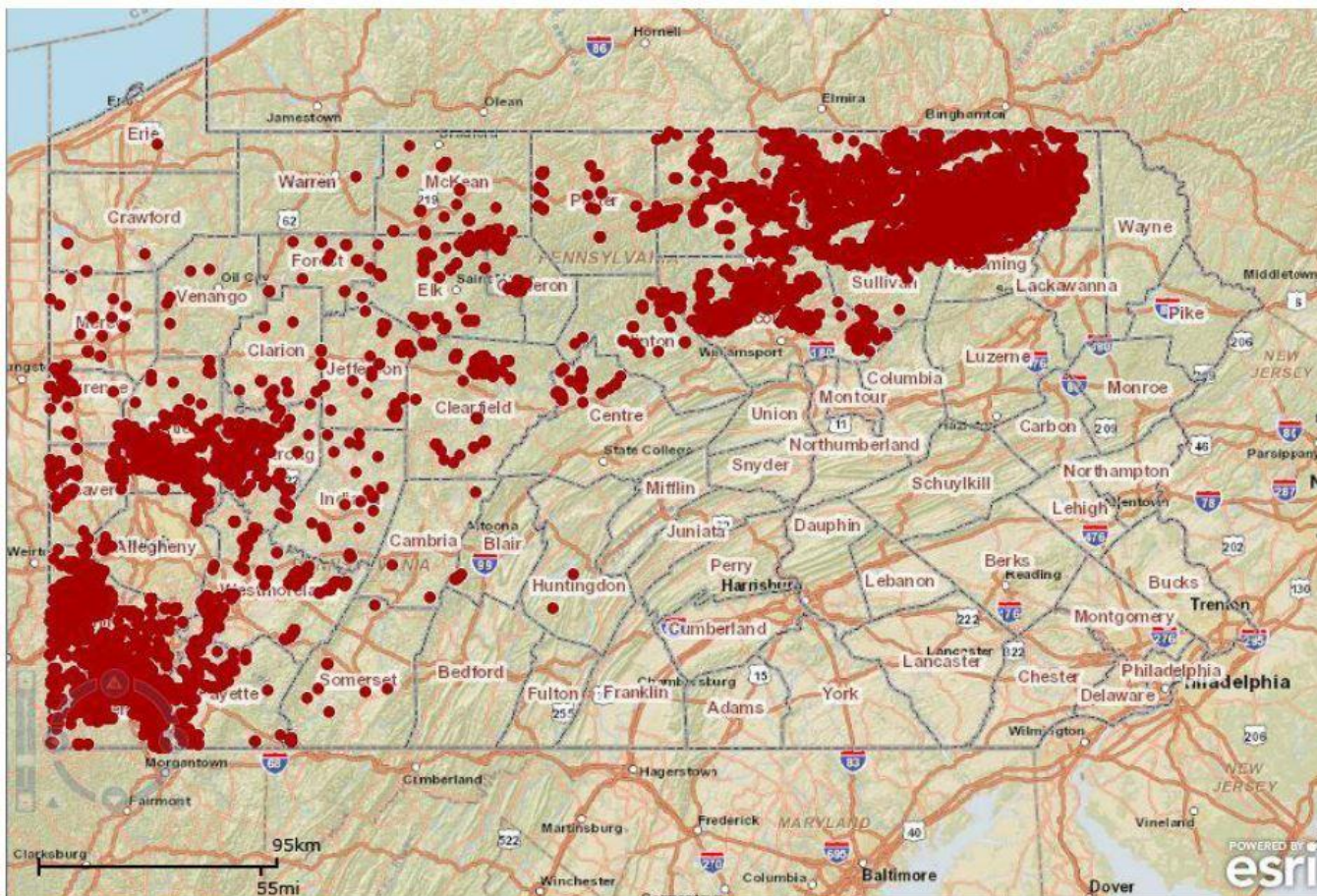


GOVERNOR WOLF'S PIPELINE INFRASTRUCTURE TASK FORCE: AN OVERVIEW

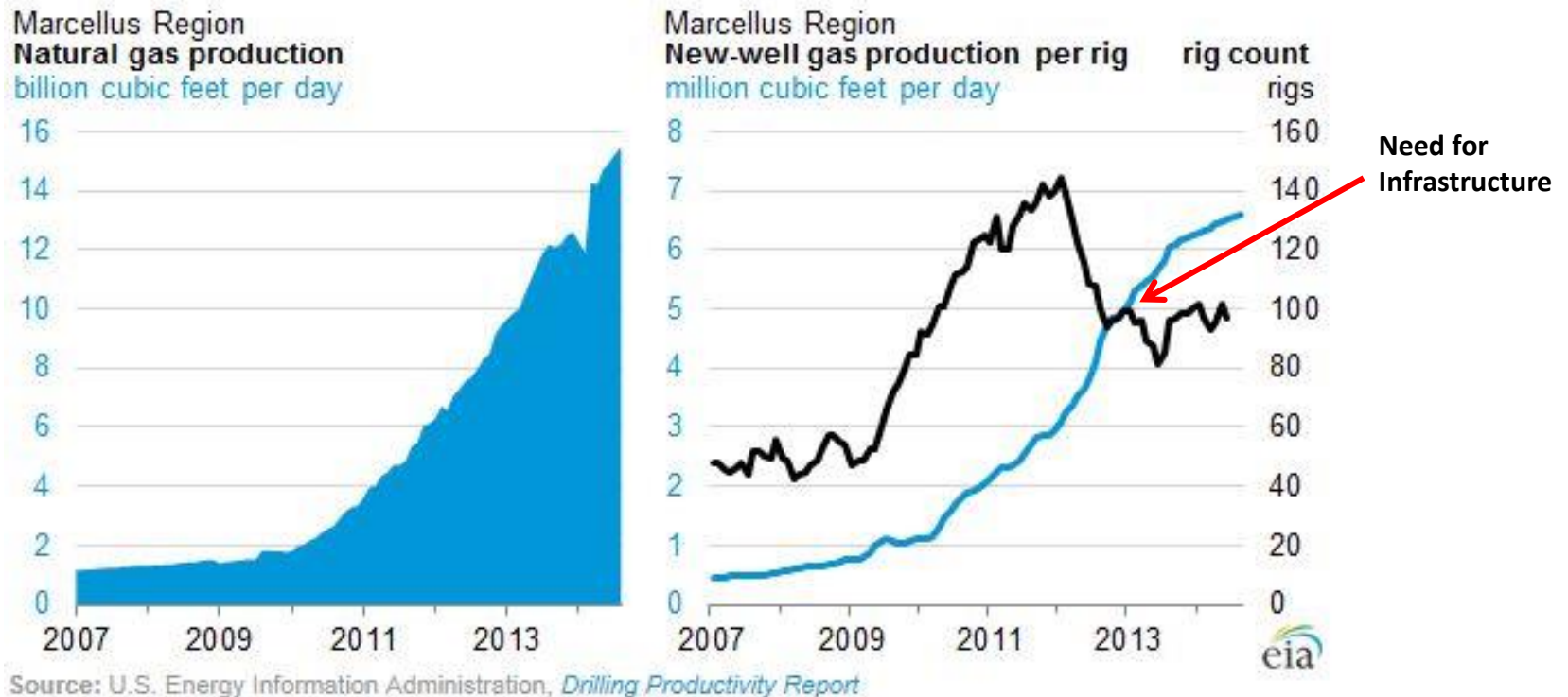
September 25, 2015

— PENNSYLVANIA. BUILT TO ADVANCE. —

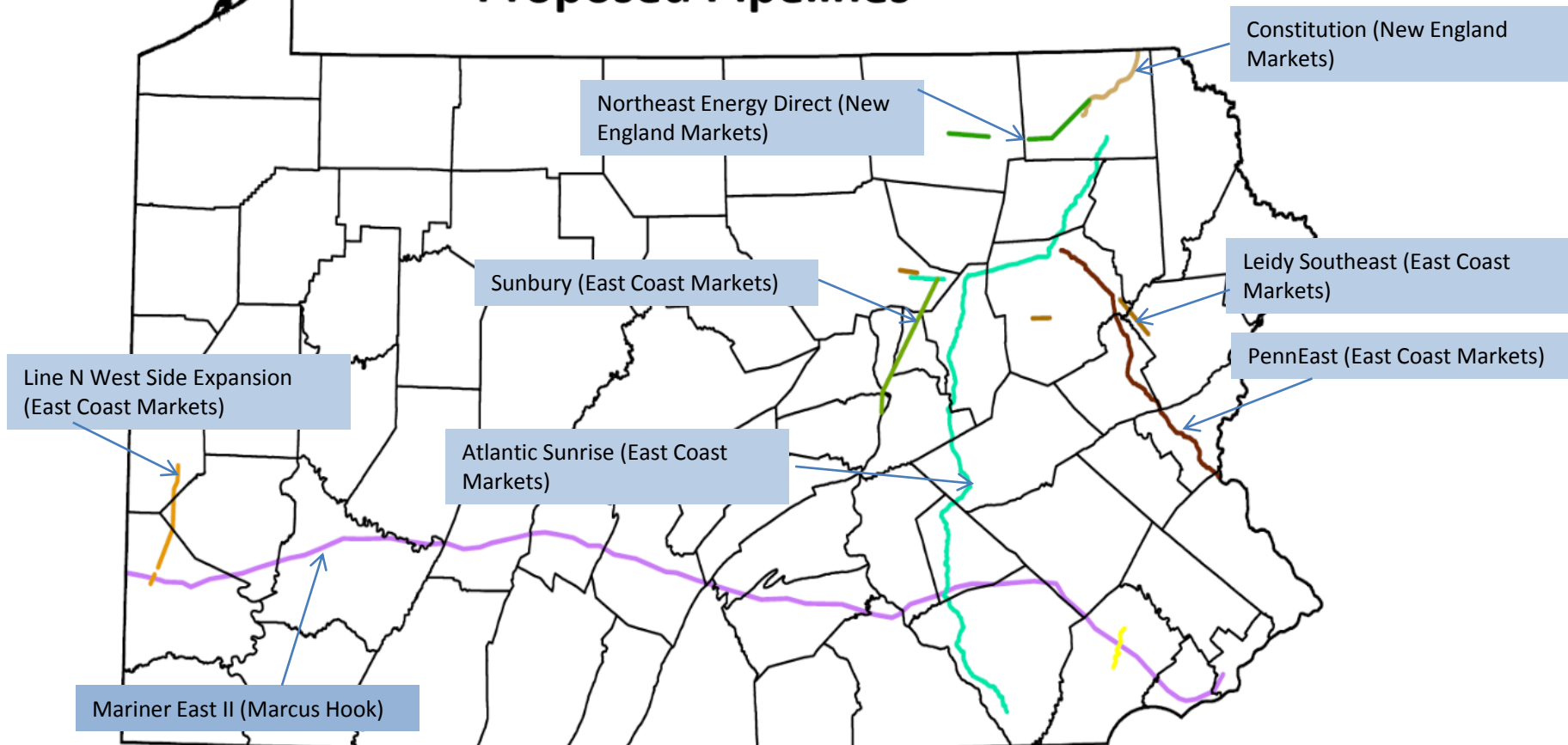
Unconventional Wells Drilled, 2007-2015



Marcellus Production, 2007 - 2014



Proposed Pipelines



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

Types of Natural Gas Pipelines



Types of Natural Gas Pipelines

Gathering System (Gathering/Midstream)

- PA PUC – Public Safety
- PADEP – Permitting for E&S, Wetland/Waterways, Threatened & Endangered Species & Habitat

Interstate Pipeline System (Transmission)

- FERC – Siting and Routing (Certificate of Public Necessity)
- USDOT Pipeline & Hazardous Materials Safety Administration (PHMSA)
- US Army Corps of Engineers – Waterway & Wetland Crossing
- PADEP – Permitting for E&S, Wetland/Waterways, Threatened & Endangered Species & Habitat

Distribution System

- PA PUC – Public Safety

Gas Liquids Pipelines

- Interstate Commerce Act – “Oil” Pipelines



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.

Objectives and Responsibilities

- 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; and
- Ensure pipeline safety and integrity during operation of the pipeline.



Best Management Practices

External Stakeholders (30)

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 (14)

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 (4)

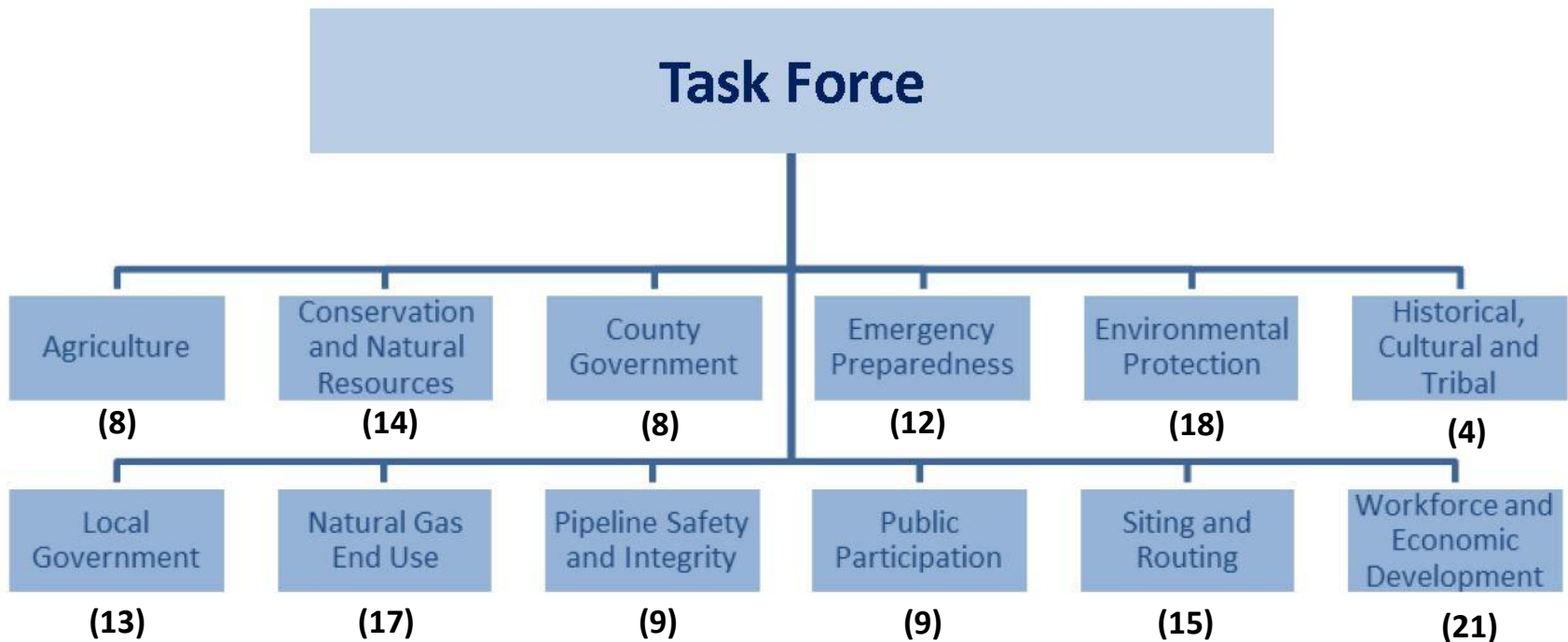
President Pro Tempore of the Senate
Minority Leader of the Senate
Speaker of the House
Minority Leader of the House

Federal Government (3)

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

**Total Task Force
Membership - 51**

Workgroups



Total Workgroup Membership - 148

Task Force to deliver a set of **Best Management Practices and Recommendations** for building a world-class pipeline infrastructure system in PA to Governor Wolf by **February 2016**





THANK YOU!

QUESTIONS/ANSWER SESSION