

A QUICK GUIDE TO WRITING
ADVOCACY TOOLKIT

GUIDE CONTENTS

1 PROVIDING ENERGY ACCESS

PROVIDING ENERGY ACCESS

2 ACTION NETWORK

ONE-STOP ADVOCACY PLATFORM

3 TELL YOUR LEGISLATORS

4 KEY FACTS & MESSAGING

IMPORTANT INFORMATION TO SHARE

1 PROVIDING ENERGY ACCESS

Technological advances have led to tremendous increases in oil and natural gas production, creating jobs and spurring economic development. In a short time, the narrative of U.S. energy production has changed from one of “energy scarcity” to one of “energy abundance.”

Our 2.6 million miles of pipeline (enough to wrap around the earth 100 times) have – for decades – transported the lion’s share of our nation’s needed energy, chemical, and water resources. For most of that time, this infrastructure has remained “out of sight and out of mind.”

To take full advantage of abundant sources of American energy, and to continue to build and expand on America’s energy network, our nation must respond to the critical needs for additional pipeline capacity.

PIPELINE INFRASTRUCTURE

- ▶ Unconventional oil and gas alone are expected to generate hundreds of billions of dollars in local, state and federal revenues, and create or support millions of American jobs. Continuing to optimize these valuable resources to help grow the U.S. economy and support working families.
- ▶ American crude oil production is on the rise. The Energy Information Administration (EIA) projects that America’s crude production will be over 7.4 million barrels per day by the end of 2013—a nearly 50% increase since 2008. However, industry has been restricted from exploring much less producing energy on vast amounts of federal land.
- ▶ The natural gas story is even more astonishing. Natural gas from shale today represents about one-third of all U.S. production and is forecast to supply up to 60% of all U.S. natural gas production by 2030. In fact, EIA now expects the U.S. to become a net exporter of natural gas by 2020 (if not sooner).

2 AMERICAN PIPELINE ACTION NETWORK

As a friend and advocate of the energy infrastructure industry, we need you to voice your support. The American Pipeline Action Network is a one-stop resource that makes it easy for you to take supportive actions, including emailing your legislators.

TAKE ACTION NOW

▶ **Email Your Legislator**

<http://bit.ly/2iEUC6K>

You can also sign up for important updates on specific pipeline projects. These updates combined with the key messages below, will help you share critical information with your friends, family and colleagues.

Thank you for your support of Local 798 Members across the country and the expansion of pipeline transportation.

3 UNIQUE COMMENTS

There are other ways you can advocate for Local 798. Specifically, submitting a personal and unique comment to decision-makers is extremely helpful and impactful. Listed below is information on how to contact your legislators. Please refer to the Key Facts and Messaging section to create a unique comment that represents your perspective.

CONTACT YOUR LEGISLATORS

SEND AN EMAIL DIRECTLY TO YOUR LEGISLATORS

<http://bit.ly/2iEUC6K>



CALL OR MAIL YOUR LEGISLATORS:

Use this Tool to Find Your Elected Officials

http://act.commoncause.org/site/PageServer?pagename=sunlight_advocacy_list_page

YOUR DIGITAL VOICE HELPS, TOO!

Follow our social media channels and share the benefits of Local 798:

FACEBOOK



www.Facebook.com/local798

TWITTER



www.Twitter.com/pipelinerslu798

3 KEY FACTS & MESSAGING

INTRODUCTION

Safe, regulated American oil and natural gas production is leading the world in providing a better life experience for the entire global population. The American oil and natural gas industry has a long been a provider of some of the most essential elements of modern life improving – and even lifesaving – products and has now become an even greater force in improving the quality of life for millions of people – from creating family sustaining construction jobs to generating economic development opportunities in communities across the country.

PIPELINE INFRASTRUCTURE

- ▶ American crude oil production is on the rise. The Energy Information Administration (EIA) projects that America's crude production will be over 7.4 million barrels per day by the end of 2013—a nearly 50% increase since 2008. However, industry has been restricted from exploring much less producing energy on vast amounts of federal land.
- ▶ The natural gas story is even more astonishing. Natural gas from shale today represents about one-third of all U.S. production and is forecast to supply up to 60% of all U.S. natural gas production by 2030. In fact, EIA now expects the U.S. to become a net exporter of natural gas by 2020 (if not sooner).
- ▶ Unconventional oil and gas alone are expected to generate hundreds of billions of dollars in local, state and federal revenues, and create or support millions of American jobs. Continuing to optimize these valuable resources to help grow the U.S. economy and support working families.

KEY FACTS & MESSAGING

THE CRITICAL NEED FOR PIPELINE EXPANSION

- ▶ Much of our energy infrastructure is increasingly inadequate to meet our current and future needs. Ensuring continued access to energy requires a commitment to timely construction of new energy infrastructure projects
- ▶ Nationwide electricity demand is expected to grow 14% by 2030. At least three nuclear facilities are being taken offline in the next decade – removing the amount of power it takes to keep the lights on in 1.5 million US homes.
- ▶ High-carbon energy sources make up 33% of the nation's electricity generation; 18 million homes' worth of power could be taken offline through proposed coal plant closures.
- ▶ Without new capacity, the United States faces at least a 21% power deficit by 2030 - a 1.1 billion megawatt/hour energy shortage. That is more electricity than the US industrial sector used last year for agriculture, assembly lines and construction combined.
- ▶ Renewables alone are not enough. To fill the clean energy shortage, America would need over 3.8 million acres of solar panels - which would cost approximately \$1.8 trillion and cover an area nearly twice the size of Yellowstone National Park.

48%

Increase in US crude oil production since 2008

53%

Increase in US natural gas production since 2008

Increased access to undeveloped regions could create as many as

690,000

new jobs by 2030

\$5.15 Trillion

in private sector capital expenditures over the next 20+ years

3.5 Million

jobs created or supported by 2035

It now takes an average of more than **3 yrs** To complete an Environmental Impact Statement

The U.S. has the **2nd highest** level of rare earth oxide reserves but, as of 2009, it did not produce any of these resources.

The waiting time for a new mining permit in the U.S. is **7-10 years**, ranked last in the world.

Construction and expansion projects are being blocked through the misuse of federal and state statutes and because of a "build absolutely nothing anywhere near anything" (BANANA) mentality.

KEY FACTS & MESSAGING

THE BENEFITS

Economic

- ▶ The total economic benefits of oil and gas exploration and development activity (including multiplier effects) are estimated to include almost \$1.2 trillion in gross product each year, as well as more than 9.3 million permanent jobs in the United States. By both measures, this activity represents nearly 7% of the US economy.
- ▶ The economic benefits of oil and natural gas production have more than doubled over the past 10 years even after accounting for the effects of inflation. Moreover, the new jobs created by this sector since the recovery from the recession began are responsible for about 30% of the national increase.

Environment

- ▶ Using natural gas to replace less environmentally benign fuels can help address simultaneously a number of environmental concerns, such as smog, acid rain and greenhouse gas emissions.
- ▶ Natural gas is highly efficient. About 90 percent of the natural gas produced is delivered to customers as useful energy. In contrast, only about 30 percent of the energy converted to electricity in conventional generating facilities reaches consumers.
- ▶ In order to pursue alternative energies, the United States must safely access America's natural gas supplies. It can't happen without natural gas.

Health

- ▶ Expanding the use of natural gas will reduce dangerous air pollutants – which lead to the premature deaths of 52,000 Americans each year – and lower the incidence of asthma, chronic bronchitis and heart attacks.
- ▶ Natural gas produces about 99.8% fewer sulfur dioxide emissions and 45% fewer carbon emissions than coal.

- ▶ Pennsylvania achieved \$14 billion to \$37 billion in annual public health benefits by increasing natural gas electricity generation, which resulted in reductions of 73% in sulfur dioxides, 46% in fine particulate matter, and 23% in nitrogen oxides from 2008 to 2012.

In Fort Worth, TX, an independent study found emissions from natural gas sites did not exceed 24-hour concentrations above health-based screening levels.

Safety

- ▶ Natural gas pipelines transport approximately one-quarter of the total volume of our nation's freight and yet historically, according to government statistics, less than 1/100th of one percent of all transportation incidents are attributed to pipelines. According to National Transportation Safety Board statistics, pipelines are indisputably the safest way to transport natural gas and other energy products, both for the public and the environment.
- ▶ Technological advances have radically changed how natural gas pipelines are constructed, inspected and monitored compared to the first lines built over 150 years ago. Today, gathering and transmission pipelines are built with special coated steel to prevent corrosion. And companies monitor pipelines 24-hours a day from state-of-the-art operations control centers.
- ▶ Pipeline companies follow strict regulations and standards to ensure pipeline safety. Pipeline personnel check for visible signs of leaks or corrosion during regular aerial and foot patrols. They use special equipment to inspect and clean the inside of pipelines and they routinely test valves and test gas samples to identify early signs of corrosion.
- ▶ As a result, serious pipeline incidents are increasingly rare. In fact, according to the Interstate Natural Gas Association of America (INGAA), incidents have decreased 30 percent in the past 20 years, while the amount of gas delivered has increased 30 percent.