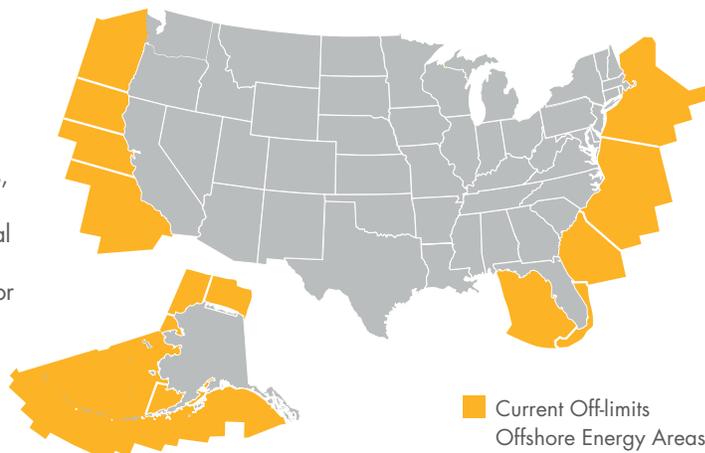


VIRGINIA OFFSHORE ENERGY BENEFITS

AMERICA NEEDS OFFSHORE ENERGY

Energy is essential to modern living. Natural gas and oil, in particular, are critical sources that not only power our cars, homes, and businesses, but also provide the foundation for thousands of products that we rely on, such as clothing, medicines and computers. We will still need natural gas and oil to meet more than 60% of our energy needs for decades to come – even with renewables.¹ If the Administration opens new areas for offshore energy development, the U.S. could strengthen energy security, create jobs, and generate government revenue for services.



ATLANTIC OFFSHORE EXPLORATION CAN PRODUCE AMERICAN ENERGY

The Atlantic Outer Continental Shelf (OCS) contains abundant stores of natural gas and oil. Production in this area is projected to reach nearly 1.5 million barrels of oil equivalent per day (BOED) within 20 years after leasing begins, approximately 65% of which is projected to be natural gas and 35% oil.²



VIRGINIA IS PROJECTED TO RECEIVE SIGNIFICANT **ECONOMIC BENEFITS** THROUGH ATLANTIC OFFSHORE NATURAL GAS AND OIL DEVELOPMENT WITHIN 20 YEARS²

ENERGY CONSUMPTION IN VIRGINIA IS NEARLY **2.5 TIMES GREATER** THAN PRODUCTION³

ATLANTIC OFFSHORE DEVELOPMENT COULD BENEFIT VIRGINIANS

25,000

Jobs due to natural gas and oil development in Virginia (10,000 direct jobs and 15,000 indirect and induced jobs).²

\$101K

Average salary in natural gas and oil industry.²

\$2.1B

Atlantic OCS natural gas and oil exploration and production's potential contributions to Virginia's economy.²

\$235M

Annual Virginia state government revenues if Gulf of Mexico state/federal revenue sharing arrangement is enacted for Atlantic coastal states.²

VIRGINIANS NEED OFFSHORE ENERGY



ONE THIRD

of Virginia households use natural gas for home heating³



HALF

of net electricity generation is natural gas³



400K

homes and businesses still use heating oil³



HALF

of petroleum consumed is for automobiles³



SAFETY AND ENVIRONMENTAL PROTECTION – STRONGER THAN EVER

Protecting workers, communities and the environment are top priorities when it comes to offshore exploration and development. Industry and government continually work together to implement advanced technologies, stringent standards, best practices, and robust regulations to maximize safety and environmental protection.

More than 100 exploration and production industry standards have been created or strengthened since 2010 including standards for well design, blowout protection and environmental management. In 2011, the industry founded the Center for Offshore Safety (COS) to promote the highest level of offshore safety through systematic protocols, processes, leadership, third-party audits, certification and training.



+100

exploration and production industry standards created or strengthened since 2010.



COLLABORATIONS



OFFSHORE DEVELOPMENT AND MILITARY OPERATIONS CAN COEXIST

The natural gas and oil industry has a history spanning decades of working with the Department of Defense (DoD) and Department of Interior (DOI) to ensure that offshore energy development and military operations can coexist.

“The Department of Defense supports the development of national domestic energy resources in concert with enabling military operations, training and testing.”

Department of Defense Letter to Interior September 9, 2017



WE MUST START NOW – STARTING WITH SEISMIC SURVEYS

Offshore energy development can take as long as 10 years, requiring comprehensive analyses and numerous government regulatory reviews. Therefore, we must start now by adding new Atlantic OCS leases and conducting new seismic surveys to update decades-old data. Advances in seismic surveying have dramatically improved the ability to locate natural gas and oil offshore safely.



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1. EIA Annual Energy Outlook 2017.
2. Calash. The Economic Impacts of Allowing Access to the Atlantic OCS for Oil and Natural Gas Exploration and Development 2017.
3. EIA Virginia State Energy Profile.