

ASSURING RELIABLE ENERGY FOR THE FUTURE ACT

- RPSEA is 501(C)3 non-for-profit research consortium consisting of research universities, oil and gas producers, service companies, and national labs
- RPSEA has over 100 members and is active in 21 states
- RPSEA is a very successful public private partnership
- RPSEA's mission is to identify the biggest challenges facing the U.S. oil and gas industry and provide research leading to commercial solutions to those challenges
- Developed a long term R&D program utilizing royalty trust funds
- Managed over 170 projects – several are already commercial
- Improved safety, reduced environmental risks, increased energy security
- \$350 million invested in R&D through RPSEA has resulted in direct impact to the economy and industry of over \$150 billion, and millions more in environmental benefits
- RPSEA has demonstrated effective Technology Transfer
- The research was funded through a program established under the 2005 Energy Policy Act that directed \$50 million per year to the DOE's National Energy Technology Lab (NETL) which funded research managed by RPSEA.
- The program lasted 8 years and expired in 2015
- We seeking to reauthorize the program and would like your support

The Assuring Reliable Energy for the Future Act (AREFFA) establishes a Public Private Partnership to conduct research, development, demonstration, and commercial application of technologies for an onshore, offshore and other petroleum resource exploration and production, including addressing the

technology challenges for small producers, safe operations, and environmental mitigation. The program fills important research and information needs by bringing Partnership entities together to provide data and guidance for critical governmental and energy industry functions.

Areas of research Includes:

- Offshore
- Harsh Environments, including the Arctic
- Onshore
- Natural Gas Midstream – Pipelines and Storage

Key Features:

- Ten Year Program
- Awarded to a Not for Profit Consortium
- Similar to Section 999 of the Energy Policy Act: \$50,000,000 from onshore and offshore oil and gas leases issued under the Outer Continental Shelf Lands Act (43 U.S.C. 1331 et seq.) and the Mineral Leasing Act (30 U.S.C. 181 et seq.).
- Provides authorization for up to an additional \$50,000,000 per year in appropriations with the following distribution:
 - 40% offshore
 - 40% onshore
 - 10% midstream
 - 10% NETL complementary R&D program and oversight
- Oversight by Department of Energy's (DOE) National Energy Technology Laboratory (NETL)
- Coordination between DOE and Department of Interior to assist in making sound policy decisions.

Passing the legislation will help the United States to maintain its energy leadership, take full advantage of rapidly evolving technology and address the variety of challenges we will face. It will allow us to take prudent investments to develop and transfer needed technologies for the future. The RPSEA consortium managed Section 999 of the Energy Policy Act, is supporting this initiative and has demonstrated and documented the benefits and return on prior investments.