

ONE HUNDRED FIFTEENTH CONGRESS  
**Congress of the United States**  
**House of Representatives**

COMMITTEE ON ENERGY AND COMMERCE

2125 RAYBURN HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515-6115

Majority (202) 225-2927  
Minority (202) 225-3641

March 22, 2018

Mr. John Maples  
Senior Transportation Analyst  
U.S. Energy Information Administration  
1000 Independence Avenue, S.W.  
Washington, DC 20585

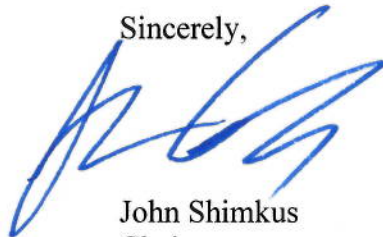
Dear Mr. Maples:

Thank you for appearing before the Subcommittee on Environment on March 7, 2018, to testify at the hearing entitled "The Future of Transportation Fuels and Vehicles."

Pursuant to the Rules of the Committee on Energy and Commerce, the hearing record remains open for ten business days to permit Members to submit additional questions for the record, which are attached. To facilitate the printing of the hearing record, please respond to these questions with a transmittal letter by the close of business on Thursday, April 5, 2018. Your responses should be mailed to Kelly Collins, Legislative Clerk, Committee on Energy and Commerce, 2125 Rayburn House Office Building, Washington, DC 20515 and e-mailed in Word format to [kelly.collins@mail.house.gov](mailto:kelly.collins@mail.house.gov).

Thank you again for your time and effort preparing and delivering testimony before the Subcommittee.

Sincerely,



John Shimkus  
Chairman  
Subcommittee on Environment

cc: The Honorable Paul Tonko, Ranking Member, Subcommittee on Environment

Attachment

## Attachment—Additional Questions for the Record

### The Honorable Joe Barton

1. While we work to create new, energy efficient technologies to fuel our transportation system, are we also taking steps to make current energy sources more sustainable?

For example, natural gas is one of this country's most practical energy sources and a proven fuel with many opportunities that could be explored to upgrade with new technologies. With the rapid growth in energy demand, I believe that more needs to be done to explore novel developments of this major untapped natural resource.

2. What steps is the Department of Energy taking to encourage natural gas-related energy research and development for biological and catalytic technologies, methods and tools to convert natural gas into fuels, chemicals and other products? Moving forward to upgrade this vital resource in our nation not only offers alternative sources of fuel but also provides opportunities for economic growth in regions of our country where methane gas is prevalent.
3. What types of financial incentives currently exist through the federal government and private sector, to encourage this type of innovation?
4. How would such a company present these types of ideas to the federal government for consideration?

### The Honorable Richard Hudson

Mr. Maples, thank you for coming to testify before the Subcommittee today. In your testimony, you highlight the Annual Energy Outlook which has projections out to 2050. In that outlook it shows the sharp increase in alternative fuels and unconventional vehicles. However, you also mention that a leading cause of uncertainty in this market is the lack of refueling infrastructure available to consumers.

1. Could you elaborate on this point for us? How do you think this would impact more rural consumers like some of those found in my district?
2. I completely agree with you this infrastructure development is a critical part in creating consumer acceptance. What incentives do you think exist that could help reach consumers outside of what we think of as traditional markets for these technologies?