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Subject: : Conservation

Topic: : Commonwealth Pipeline

Re: Commonwealth Pipeline

Author: : pcray1231

Date: : 2013/3/25 15:01:00

URL:

Quote:

IT is disturbing to me that the line is going as far south as Baltimore, that means the gas is going overseas.

Not that I'm saying zero will. But a VERY small % will go overseas. Gas is hard to transport that way. We export a very small % of our gas. We inport very little as well. Of that which is exported or imported, most of it is to or from Canada and Mexico via pipeline. The remainder which goes on boats is an almost insignificant amount.

To transport it, you gotta pressurize it far more than is typical in our pipeline system, which costs \$\$\$\$\$. Even pressurized, the energy/volume ratio is still only about half that of gasoline. When trasporting energy by truck/train/boat, the \$ per unit energy for transportation is triple or quadruple what it is for gasoline. It just doesn't make sense economically unless it's via pipeline.

I'm sure the push to Baltimore is either to reach more end users who don't currently have it, or reach processing plants. Perhaps both. Most of it goes to power plants, not homes. You gotta get it to the plant.

Quote:

There are still no vehicles designed to run on Natural gas, what's up with that?

Umm, yes there are. Ford, GM, and Dodge all had CNG vehicles available to the public, but I think they got rid of them. Honda still has em. It has not been popular on the consumer market. Low range, not enough refueling stations, tank takes most of your trunk. You can get home systems, but they must pressurize, so it takes hours to refuel, and the equipment (compressors) are expensive.

It has been fairly popular on fleet vehicles and mass transit. Many bus systems, for instance, use CNG.

The biggest impact of the nationwide shale boom is centralized power generation. As energy demand increases, the vast majority of new capacity has been gas fired. And it's beyond that, gas plants aren't only fueling the increased demand, but replacing existing demand as well. Lots of coal plants have gone offline, and the coal industry is hurting pretty bad. Gas is replacing coal as our primary source of energy in the U.S.