

bridge the consumer information gap, but without regulatory reforms to ensure customers and their third party designees can access their electricity information, the potential of these technology advances will not be fully realized. The Recovery Act provided \$4.5 billion to accelerate standardization and deployment of the Smart Grid, including assistance in deploying millions of "smart meters" that can provide customers real-time usage and pricing information through two-way communications with the utility. The Electric Power Research Institute estimates that the U.S. will spend \$165 billion over the next 20 years building the Smart Grid, and FERC estimates that smart meters deployments will rise ten-fold over the next decade, from 8 million today to 80 million in 2019.

With full roll-out of smart grid technologies, the Pacific Northwest National Lab estimates that conservation efforts resulting from consumers' access to information will reduce residential and commercial electricity demand by 6 percent. This would save businesses and consumers more than \$15 billion annually and reduce carbon dioxide emissions significantly: 92 million metric tons annually in 2030, equal to the emissions of 16 large coal power plants. Providing customers with access to the data will not happen by itself. One recent study of a number of large utilities found that of the almost 17 million new meters being planned or deployed by respondents, only 35 percent had clear plans to provide customer access to the data. Less than 1 percent of these utilities' customers have real-time access to electricity data today.

States and utilities need not wait for full smart meter deployments to see benefits from adopting more transparent consumer data policies. Even without price incentives, simply providing consumers better information about their energy use has been shown to reduce total consumption by 5 to 15 percent, providing annual savings of \$60 to \$180 for the average American household. Even without smart meters, customers with access to historical electricity usage and price data can analyze their energy usage over time, evaluate prospective energy-efficiency investments, and compare electricity consumption against similarly sized houses. Improved access to this very basic data will also let new buyers of homes or buildings factor energy efficiency information into their purchase decisions.

Making energy data readily accessible to end-users will also open a whole new market and unleash massive innovation in the area of home and building energy management. Google and Microsoft are among the many innovators that have already released Internet-based visualization tools that are helping consumers better manage their energy use.

This legislation implements critical recommendations regarding increased consumer access to energy data that were included in the Federal Communications Commission's National Broadband Plan that was also released today. e-KNOW is critical to empowering energy consumers in the near-term, but it is also one part of an evolving national Smart Grid policy that will encourage entrepreneurs to use new technologies and business models to create a variety of energy management and information services over the longer-term. Making energy data available to electricity customers and their authorized third parties is fundamental to unleashing this vast potential for innovation.

The e-KNOW Act amends Title II of the Public Utility Regulatory Policies Act of 1978 by adding Section 215, Electric Consumer Right to Access Electric Energy Information.

Under this legislation, U.S. electricity consumers, and any third parties they designate, would have the right to access their electricity usage and pricing information from their retail electricity provider in a free, timely, and convenient manner that ensures privacy and data security. To help implement this consumer right of access, the Federal Energy Regulatory Commission (FERC), in consultation with State regulatory authorities, the Secretary of Energy, and other appropriate Federal agencies, would—within six months of the date of enactment—establish guidelines identifying minimum national standards that States and utilities could adopt to ensure customers this right. These standards would incorporate and build upon the pioneering work done in this area by innovative States, including California, Pennsylvania, and Texas, which have already adopted standards to ensure consumer access to electricity data.

If, one year after the promulgation of the FERC guidelines, a retail electric utility fails to uphold the minimum national standards for ensuring consumer access to electricity data, the State may bring a civil action against the utility on behalf of its electric consumers to ensure compliance with the Act. If no civil action is brought by a state authority, any electric consumer may bring a civil action against their retail electric provider to require compliance with the Act. Enforcement authorities would not apply against utilities that FERC has, within the most recent two years, determined have adopted and implemented a policy that complies with the minimum standards set forth by FERC.

A TRIBUTE TO BUDDY TUDOR

HON. RODNEY ALEXANDER

OF LOUISIANA

IN THE HOUSE OF REPRESENTATIVES

Tuesday, March 16, 2010

Mr. ALEXANDER. Madam Speaker, I rise today to pay tribute to the life and achievements of Robert "Buddy" Tudor, Jr., who passed away on March 14, 2010.

Buddy was a dedicated public servant, and it is his connection and involvement in his community for which he will always be remembered. After serving in the U.S. Army, Buddy went on to become a third-generation owner of Tudor Construction Company in Alexandria who later founded the statewide and regionally based Tudor Enterprises. Perhaps some of his most recognized properties include The Hotel Bentley, Jackson Place, The Commercial Building and the Diamond Grill restaurant.

An inspiration to all who knew him, Buddy was also a community leader, serving on the boards of numerous civic organizations. He was a past president of the Alexandria Rotary Club, the first chairman of the Rapides Area Planning Commission. Also among his impressive list of endeavors and recognitions, Buddy received the Louisiana Preservation Alliance Award for preservation of The Hotel Bentley and the National Trust for Historic Preservation Honor Award in 1986.

A man of many dimensions, Buddy was also devoted to his family and church. He is sur-

vived by his wife, Patsy, five children, three stepchildren, 19 grandchildren and one great-grandchild. Buddy served as a deacon and Sunday school teacher at Pineville's First Baptist Church.

It is my pleasure to honor the late Buddy Tudor, a man who served the people of Central Louisiana to his fullest capacity. Madam Speaker, I ask my colleagues to join me in honoring Mr. Buddy Tudor for his exceptional contributions to his community and unparalleled influence on those of us who were blessed to have known him.

TRIBUTE TO CAPTAIN JOSEPH GOULD FOR HIS SERVICE AND HIS POEM, OLD GLORY

HON. JO BONNER

OF ALABAMA

IN THE HOUSE OF REPRESENTATIVES

Tuesday, March 16, 2010

Mr. BONNER. Madam Speaker, I rise to pay tribute to United States Navy Captain Joseph Gould (Retired), who bravely served his country in time of war and continues to play a role in honoring America through his authorship of a much revered poem, Old Glory.

Captain Gould was born in Brunswick, Georgia, in 1920 and graduated from the United States Naval Academy in May of 1942 before being deployed in World War II.

Captain Gould's 23 years as a Navy officer include service as commander of the LSM449 Amphibious Ship, executive officer of the USS *Radford* Destroyer, commander of the USS *Silverstein* DE534 Destroyer Escort, and commander of 15 ocean mine sweepers. He concluded his military service assigned to the Pacific Fleet as a Fleet Intelligence Officer at Pearl Harbor, Hawaii. Captain Gould retired from the United States Navy on November 1, 1965.

A resident of Fairhope, Alabama, Captain Gould penned a patriotic poem, Old Glory, to honor our nation's flag. This inspiring tribute has been adopted by the Baldwin County Commission in its presentations to honor local World War II veterans.

I would like to include Captain Gould's poem in the RECORD, and on behalf of a grateful nation, I thank Captain Gould for his service to America.

OLD GLORY

(By Joseph Gould)

I have survived quite a lot of hype
Since Betsy Ross designed my prototype,
Some have been false, some have been true;
I've selected some pertinent facts for you.

I was with Paul Revere at the end of his ride;
The first man on the moon had me at his side.

I was with the lads at Bunker Hill,
Aboard "Old Ironsides" I'm flying still.
I went with George across the Delaware,
Inspired Francis Scott Key in the rockets' red glare.

Abe Lincoln flew me from a Gettysburg steeple
And ever since then I've been liberating people.

I stormed ashore with Marines at Guadalcanal,
Climbed Mount Suribachi with a G.I. pal.
I rode with Patton 'til we reached the Rhine,
And only stopped when the Allies drew the line.