

Report II

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C-NESTM MARKETING

New Legislation w/ possible financial assistance!

Special thanks to: James

\$4.5 billion is the number currently in the [House version of the stimulus bill](#) for a 50% match to money spent on smart grid projects. As important as the money are the terms:

"The Secretary shall require as a condition of receiving funding under this subsection that demonstration projects utilize open Internet-based protocols and standards if available." And further;

"The Secretary shall establish and maintain a smart grid information clearinghouse in a timely manner which will make data from smart grid demonstration projects and other sources available to the public. As a condition of receiving financial assistance under this subsection, a utility or other participant in a smart grid demonstration project shall provide such information as the Secretary may require to becoming available through the smart grid information clearinghouse in the form and within the timeframes as directed by the Secretary."

The smart grid puts photons of information in charge of electrons of energy. The result should be better use of existing sources of electrical energy and more effective use of new sources, even if those new sources are relatively small and geographically diverse. Utilities win by smoothing expensive peaks; consumers win both by receiving lower bills and having the opportunity to displace fossil fuels with cheap off-peak electricity for home heating and transportation. Energy independence is advanced by the displacement of imported oil for heating and transportation; CO2 emissions are reduced because peak power is disproportionately generated from fossil fuel. What's not to like?

But most of the makers of the equipment for smart metering are still in a walled garden mindset. They would like their meters to become home control centers and all communication between the meters and the utilities to be via proprietary protocols and private networks. Utilities tend to be leery of the public Internet as well. These grant conditions could provide a powerful incentive to open the smart grid to the kind of innovation that the Internet encourages so well.

Consumers will need a web application both to see their current and past usage and to determine when is a good time to do the wash, run the dryer, or charge up the plug-in hybrid electric vehicle. Of course they will also want an option to be informed of especially high or low spot rates by email or text messages.

Home control applications will need APIs to access that same data in order to automate the use of electric space and water heating and air conditioners. It's conceivable that your car could disgorge stored energy to the grid when the price is right or that your backup generator could turn on when prices are really high to prevent your buying very expensive electricity and unburden the grid.

All of that good stuff will happen sooner rather than later if "open Internet-based protocols" are used. Hopefully the language stays in the bill and the DOE will not allow the "if available" escape hatch in granting grant applications. I hereby volunteer to find open Internet-based protocols on an as-needed basis.

Marketing: A new day, a new hope.

If you read carefully through the article you have just viewed you will notice a number of things. One would be that there is allocated funding to improve innovative internet based technologies, another is that based on these funds placed to improve technology, there is not the awareness of a fully seasoned product with the specifications listed being offered in the marketplace.

What could cause this to happen?

Why isn't ConectiSys Corporations H-Net metering system well known throughout the industry based on these needs?

First and foremost let's begin with an explanation of where ConectiSys' H-Net meter system product first came to cognition. In 1995 deregulation of the Energy industry was an important topic for future markets. This was studied scrupulously by the founders of ConectiSys and what became the fuel for the ideal turn-key solution based on deregulation standards and guidelines. The birth of a real-time proprietary private network that interacts by protocol to any monitoring system is the core of our H-Net technology and the body of the above legislation.

Our consumption displays via the Internet, for both consumer and utilities address real-time load profiling and energy conservation

These goals have been fully accomplished and well known to the industry, which has been completely tested at price point in the first quarter of 2008 made readied for commercial deployment and sales; having said that the company has made little advancements in the marketplace.

What we have known over the years is that ConectiSys in fact has the exact product that is demanded by legislation then and now, but somehow not what utilities are "sniffing out". We have found that not only have Utilities not wanted to work with a turn-key solution that clarifies its stronghold of data and billing, but they will outright refuse a free demonstration to show H-Net's advanced real time energy metering system. We have learned that utility personnel have influenced the market based on their current business model and are reluctant to embrace change.

The confusion in the advanced metering industry is not only based on consistent new languages, but at large what is being refused to be accepted as a new horizon of needed advancements to a "rusty, worn out system". How can new technology in this industry emerge without the co-operation of its key players? Utilities may be protecting what is the current system, but the needs and demands of the consumer/people and government are overwhelmingly becoming the cause for change.

Past legislation has not only made very little progress to ConectiSys' situation but has had very little effect on the future of the Energy industry at large. ConectiSys hopes that the new funding allocated through the

stimulus package will help realize a "new day" for the company and help emerge the technology it possesses to unrivaled heights. The company will be applying for grants and seeking any opportunities financially from the stimulus bill as possible.

Please look for more about this subject in our next monthly report...

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FOR LIVE METER READS FOLLOW THE LINK...



SEE OUR H-NET™ ILLISTARTED NETWORK

Learn more about our company go to the ConectiSys Audio Presentation

