

TRENDING NOW



Smart grid transmission: How "twins" could double our benefits

Apr 16, 2013

Paul Michael Grant is an esteemed researcher and electric power veteran who has long promoted the idea of using electric power transmission corridors for dual purposes, namely the delivery of electric power AND liquid hydrogen. In today's guest commentary, he explains how the shale gas explosion makes this scenario even more plausible. See if you agree. [More >>](#)

EDITORS' PICKS



The secret to the microgrid market (Hint: reliability)

Apr 16, 2013

There's plenty of chatter about microgrids, but only a few actual installations. So what will it take for the market to take off? Some believe increased attention on grid reliability in the wake of superstorms such as Sandy will be the key, but we think several factors may converge. [More >>](#)



Renewable energy: taking care of the megawatt void

Apr 15, 2013

Despite the odds, renewable energy not only grew in 2012, but may have set in motion a repeat performance this year and into the near future. AOL Energy's Peter



Electric coops share \$280 million in USDA loans for smart grid and other uses

Apr 16, 2013

Another round of funding from the U.S. Department of Agriculture will support smart grid initiatives and other electric system upgrades in rural areas in 13 states. Click to see where the money is going and how it will be spent. [More >>](#)



Siemens and Teradata take aim at utility big data needs

Apr 16, 2013

In announcing a new collaboration between Siemens and Teradata in the data analytics space, the companies hint at new offerings that will be purpose-built

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Smart grid transmission: How "twins" could double our benefits

How the shale gas explosion makes dual purpose transmission corridors plausible [>>](#)

The secret to the microgrid market (Hint: reliability)

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HOT TOPICS

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Central Hudson Gas and Electric is working with authorities to investigate a recent cyber attack [>>](#)

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The finale was a wild one, with more than 12,000 votes cast [>>](#)

New Energy nominee certain to stay the Obama course

The choice was lauded by many, but not everyone [>>](#)

The Big 6: How ABB stacks up against the other giants in the smart grid race

Our look at ABB includes its worldview, key 2013 themes, strengths and challenges [>>](#)

Why distributed energy is your next big headache (and what EPRI says to do)

Challenges in integrating DERs have crossed the tipping point [>>](#)

Gardett has the details of a recent Deloitte overview of mergers and acquisitions in the renewables sector. [More >>](#)

for the electric power industry. [More >>](#)



Where in the world are this week's smart grid wins?

Apr 12, 2013

If you remember the "Where's Waldo?" series, this week's smart grid wins are popping up here, there and everywhere just like the bespectacled Waldo did. Examples: Ventyx in Germany, Hill International in Afghanistan, ABB in China and Honeywell in Kuwait. And that's just getting started; click to take the full tour.

[More >>](#)



Where does your region rank? New report documents steady rise in renewables

Apr 15, 2013

The Union of Concerned Scientists has released a report that says not only is renewable energy growing rapidly, but we have the tools to make it grow even faster - with existing technologies and without significant cost. [More >>](#)



The quest continues: Alternative paths for energy generation and storage

Apr 11, 2013

Some new twists on energy generation and storage technologies look like solid bets - and others may be destined for a very short stint in the spotlight. Click for a look at a few intriguing projects currently in R&D mode and see if you think any of them have staying power. [More >>](#)



Warning! Wireless networks are energy monsters

Apr 12, 2013

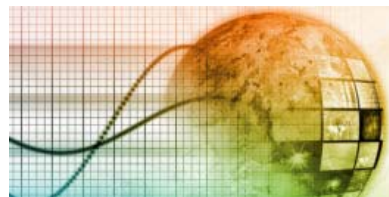
An Australian research center has raised a red flag over widespread and increasing use of cloud services with the message that it will be the cause of a "massive surge" in energy consumption. And it's not the data centers - it's the wireless networks connected to them. [More >>](#)



ACEEE claims DOE missed the mark on new transformer standards (and we agree)

Apr 11, 2013

New transformer standards from the Department of Energy toughen up rules for transformers used in buildings but leave mandates for distribution transformers used by utilities largely unchanged. We agree with energy efficiency advocates who say the DOE called it wrong. Click to find out why. [More >>](#)



Steady, substantial growth expected for global energy storage market

Apr 12, 2013

A review of the global energy storage market by GBI Research forecasts steady growth through 2020, which is probably driven by continuing smart grid infrastructure initiatives, increasing energy demand, more government support and a steady stream of technological advances. [More >>](#)

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