

Delaware Tech Instructor Co-Authors Renewable Energy Research Paper



STANTON- A study by the University of Delaware and Delaware Technical Community College suggest a well-designed combination of wind power, solar power and storage in batteries and fuel cells would nearly always exceed electricity demand at costs comparable to today's electricity expenses.

Renewable energy has the potential to power a large electric grid fully 99.9 percent of the time economically by 2030, U.S. researchers say.

One of several new findings is that a very large electric system can be run almost entirely on renewable energy.

"For example, using hydrogen for storage, we can run an electric system that today would meeting a need of 72 GW, 99.9 percent of the time, using 17 GW of solar, 68 GW of offshore wind, and 115 GW of inland wind," said co-author Cory Budischak, instructor in the Energy Management Department at Delaware Technical Community College and former UD student.

Read more on the story here:

<http://www.scientificamerican.com/article.cfm?id=solution-to-renewable-energy-more-renewable-energy> [1]

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