



## Con Edison Researchers Win Awards for Solar, Microgrid and Cyber Studies

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NEW YORK, Feb. 13, 2018 (GLOBE NEWSWIRE) --

Five Con Edison researchers have earned recognition for findings that help the energy industry manage solar projects, keep their systems safe from cyber attacks, and take advantage of the benefits of microgrids.

The employees earned the Technology Transfer Award from the Electric Power Research Institute, a national organization dedicated to the safe, reliable delivery of power.

"Rapid advances in technology give us new ways to serve customers, but also challenge us to understand complex, new concepts," said Tim Cawley, the president of Con Edison. "The work our researchers have done with EPRI will help Con Edison and other energy companies keep their service safe and reliable as customer needs and technology continue to evolve."

**James Skillman**, a project manager in Con Edison's Distribution Planning department, helped develop a model that uses data like energy prices, the cost of solar panels and income levels to predict the number of customers who will choose solar for their homes and businesses.

Energy companies like Con Edison can use the information to help plan how they deploy and manage solar energy on their electric-delivery systems in ways that keep service reliable for all customers.

**Andrew Reid**, a senior planning analyst in Distributed Resource Integration, won for research into the planning, designing and operation of microgrids.

Microgrids are local energy networks that are able to separate from the larger electrical grid during extreme weather events or emergencies, providing power to individual customers and crucial public services such as hospitals, first responders, and water treatment facilities.

Three researchers developed a system to help energy companies evaluate the strength of their substation cyber security protections. The method can help energy companies plan cyber security investments to protect their equipment and customers.

Those winners were: **Arman Shiplu**, a section manager in Protective Systems Testing, **William Vesely**, a project specialist in Control Systems Engineering, and **Selena Ley**, a technical specialist in Corporate Security.

Con Edison is a subsidiary of Consolidated Edison, Inc. (NYSE:ED), one of the nation's largest investor-owned energy companies, with approximately \$12 billion in annual revenues and \$49 billion in assets. The utility delivers electricity, natural gas and steam to 3.4 million customers in New York City and Westchester County, N.Y. For financial, operations and customer service information, visit [conEd.com](http://conEd.com). For energy efficiency information, visit [coned.com/energyefficiency](http://coned.com/energyefficiency). Also, visit us on [Twitter](https://twitter.com/conedison) and [Facebook](https://www.facebook.com/ConEdison).

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A Con Edison worker near solar panels atop a high school in Brooklyn.

