## **SOLAR** PRO. Solar microgrids Georgia

Georgia Power today announced, in collaboration with Georgia Tech, it will build a new 1.4 MW microgrid in Tech Square at Spring and 5th streets in Metro Atlanta. Microgrids are self-contained power systems co-located with the facilities they serve that include generation resources, storage systems and energy management systems.

The microgrid will provide Georgia Power with insight into how smart energy management systems, such as the one installed at the Coda data center, can interact with the grid to achieve optimal energy use. In addition, it will provide teaching and learning opportunities for Georgia Tech professors and students.

The advanced microgrid design includes expansion capability, allowing for future deployment of additional types of energy technology, including solar photovoltaics, microturbines, and electrical vehicle charging stations.

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A partnership between the Georgia Institute of Technology and Georgia Power, a Southern Company utility, aims to study "all the questions you can ask about a microgrid" through the 1.4-MW Tech Square Microgrid, a behind-the-meter demonstration project in midtown Atlanta on the Georgia Tech campus.

Georgia Tech and Georgia Power celebrated the opening of a 1.4-megawatt microgrid in Tech Square with a ribbon-cutting on Wednesday, June 16. The microgrid is located at Spring and Fifth Streets in Atlanta.

Disaster response in Georgia is becoming more sustainable with a network of solar microgrid trailers that serve as mobile solar power stations to provide clean and portable power. These solar trailers are easily towed to where they are needed most to power cell phones, Wi-Fi, refrigeration, lighting, medical devices, and other critical services.

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Metro Atlanta, approved by the Georgia Public Service Commission as part of Georgia Power's Integrated Resource Plan. It is being used to evaluate how a microgrid can effectively integrate into and operate as part of

the overall electrical ...

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