

# Mount Vernon Company Aris Energy Solutions Wins Federal Dept. Of Energy (DOE) Award

ARIS ENERGY SOLUTIONS AND PARTNERS WIN DOE AWARD TO ADVANCE MODULAR FUEL CELLS FROM DEVELOPMENT TO DEPLOYMENT

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Lou Lombardozzi ( on the left ) and Steve Almeida Jr. ( on the right ) of Aris Energy Solutions Mt.Vernon, bringing an "Energy Game Changer" to North America. Steve also is a member of an organization - Environmental Leaders of Color. (ELOC).

Mount Vernon, N.Y., based Aris Energy Solutions announces that it has been selected for a Department of Energy funding award for its proposal "Modular Fuel Cells Providing Resiliency to Data Centers and Other Critical Power Users." Aris celebrates this \$2.66 million with its esteemed program partners—the National Energy Technology Laboratory, Virginia University (WVU), the National Aeronautics and Space Administration (NASA), Gaia Energy Research Institute, and Velocity Data Centers.

"We are grateful for this opportunity with the DOE, our partners, FCHEA and SOLIDpower to bring a Resilient fuel cell-based energy solution to the markets. Our scalable solution will increase Energy Efficiency, enhance Electrification, minimize downtime – ensuring Resiliency, while decarbonizing Data Center operations," Steve Almeida, Aris' Director of Fuel Cells and CHP, shares with Black Westchester. "In a present/post Covid World, critical power is where we need it most, in our homes and businesses. Hence, small capacity fuel cells will prove a

preferred medium transitioning towards a hydrogen economy, as we w functionality via hydrogen/natural gas blend.”

The core fuel cell technology, the modular/scalable BlueGEN micro fuel SOLIDPower, a European company with facilities in Italy and Germany. installing early units in the U.S. and will demonstrate a key feature that the fuel cell system: Resiliency. Near term targeted markets include sm centers and other critical power users, some of which are in the small c and multi-family residential. Through both the kW size scale-up and co: incorporated into this DoE program plan, the markets will broaden to ir Commercial, Institutional, Municipal and larger scale Data Center/Critic:



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Separately, but closely aligned with the goals of the DoE program, Aris is installing BlueGen units in “real world” applications.

“We’re pleased to announce grid interconnect approval allowing for BlueGEN installation in a single-family home.” Lou Lombardozzi, Aris’ Director of Engineering & Project Development

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shares. “This achievement enhances commercial readiness; an objective of the DoE program.”

Dan Connors, Aris’s COO and Co-Founder, added: “The market has made its two key needs very clear: Resiliency and De-Carbonization. Beyond the Resiliency goal on this program, we seek to advance the BlueGen’s current ability to De-Carbonize buildings and facilities of all types. We believe the BlueGen fuel cell can become a key part of a Resilient and De-Carbonized energy infrastructure.”

We encourage you to [Learn More About This Program](#) and [Aris Energy Solutions](#): Founded in 2013 and lead by executives with decades of experience in the electric utility, engineering, construction and fuel cell industries, Aris Energy Solutions is introducing the BlueGen mCHP fuel cell solution to a broad range of US markets.

**About Aris Energy Solutions:** Aris Energy Solutions is an industry leader in renewable, sustainable and efficient energy solutions for a wide range of Commercial, Industrial, Institutional and Residential Energy Projects. Aris supplies advanced micro Combined Heat & Power (mCHP) solutions for building power using both solid oxide fuel cells and reciprocating engines, as well as an innovative and resilient wind/solar powered off-grid product for exterior lighting, telecom and public safety/security applications. The company was founded in 2013 and includes experienced executives from the digital economy, fuel cell and chemical engineering, electric utility, world-class logistics, and construction specialties. Aris integrates its technology/product strengths with others’ complementary technologies to develop and execute turnkey sustainable energy projects.

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