



# AEMETIS

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## **Aemetis Begins Construction of Keyes Plant Solar Microgrid**

*Construction underway to build 2 MW PV system with 1.25 MW of battery storage that will produce carbon free electricity and reduce greenhouse gas emissions for Renewable Fuels Production*

CUPERTINO, Calif. – November 16, 2022 – Aemetis, Inc. (NASDAQ: AMTX), a leading producer of renewable natural gas and renewable fuels, announced today that construction has begun for the TotalEnergies and Schneider Electric solar microgrid system with at 2.0 MW photovoltaic (PV) array and a 1.25 MW battery energy storage system. Once construction has been completed, the microgrid will be integrated with the new Rockwell/Allen Bradley distributed control system (DCS) at the Aemetis Advanced Fuels biorefinery in Keyes, California.

The solar array will generate approximately 3.2 million kWh per year and reduce greenhouse gas (GHG) emissions by ~8,000 MT CO<sub>2e</sub> per year. Foundations for the solar array are now under construction, with project completion expected in the second quarter of 2023. TotalEnergies serves as the project's PV supplier as well as the engineering, procurement, and construction (EPC) contractor.

“The microgrid creates energy resiliency and will assist with off peak load shedding and energy efficiency,” stated Eric McAfee, Chairman and CEO of Aemetis. “This microgrid, along with other energy saving technologies being implemented at our low-carbon ethanol facility, will further reduce the carbon intensity score of the fuel ethanol produced,” he continued. “Aemetis can also displace natural gas with carbon negative Renewable Natural Gas (RNG) upgraded and injected at the same facility in Keyes, California”.

The AI-enabled control system will run on virtualized servers, reducing the amount of computer hardware by 80%, which will require less power to operate than traditional systems. Virtualized systems do not require changing hardware to upgrade obsolescent operating systems or security changes. The virtual environment will also help reduce planned and unplanned down time.

The \$12 million solar microgrid, battery backup and AI-enabled energy system is supported by an \$8 million grant awarded to Aemetis by the California Energy Commission.

## **About Aemetis**

Aemetis has a mission to transform renewable energy with below zero carbon intensity transportation fuels. Aemetis has launched the Carbon Zero production process to decarbonize the transportation sector using today's infrastructure.

Aemetis Carbon Zero products include zero-carbon fuels that can "drop-in" to be used in airplanes, truck, and ship fleets. Aemetis low-carbon fuels have substantially reduced carbon intensity compared to standard petroleum fossil-based fuels across their lifecycle.

Headquartered in Cupertino, California, Aemetis is a renewable natural gas, renewable fuel, and biochemicals company focused on the acquisition, development, and commercialization of innovative technologies that replace petroleum-based products and reduce greenhouse gas emissions. Founded in 2006, Aemetis has completed Phase 1 and is expanding a California biogas digester network and pipeline system to convert dairy waste gas into Renewable Natural Gas (RNG). Aemetis owns and operates a 65 million gallon per year ethanol production facility in California's Central Valley near Modesto that supplies about 80 dairies with animal feed. Aemetis also owns and operates a 50 million gallon per year production facility on the East Coast of India, producing high-quality distilled biodiesel and refined glycerin for customers in India and Europe. Aemetis is developing the Carbon Zero Sustainable Aviation Fuel (SAF) and renewable diesel fuel biorefineries in California from renewable oils and orchard and forest waste. Aemetis holds a portfolio of patents and exclusive technology licenses to produce renewable fuels and biochemicals. For additional information about Aemetis, please visit [www.aemetis.com](http://www.aemetis.com).

## **Safe Harbor Statement**

This news release contains forward-looking statements, including statements regarding our assumptions, projections, expectations, targets, intentions, or beliefs about future events or other statements that are not historical facts. Forward-looking statements in this news release include, without limitation, statements relating to the construction and operation of the microgrid project, our compliance with governmental programs, and our ability to access markets and funding to execute on the project construction and operations. Words or phrases such as "anticipates," "may," "will," "should," "believes," "estimates," "expects," "intends," "plans," "predicts," "projects," "showing signs," "targets," "view," "will likely result," "will continue" or similar expressions are intended to identify forward-looking statements. These forward-looking statements are based on current assumptions and predictions and are subject to numerous risks and uncertainties. Actual results or events could differ materially from those set forth or implied by such forward-looking statements and related assumptions due to certain factors, including, without limitation, competition in the ethanol, biodiesel and other industries in which we operate, commodity market risks including those that may result from current weather conditions, financial market risks, customer adoption, counter-party risks, risks associated with changes to federal policy or regulation, and other risks detailed in our reports filed with the Securities and Exchange Commission, including our Annual Report on Form 10-K for the year ended December 31, 2021 and in our subsequent filings with the SEC. We are not obligated, and do not

intend, to update any of these forward-looking statements at any time unless an update is required by applicable securities laws.