

BMW Group

U.S. Press Information

For Release: November 8, 2021

Contact: Phil Dilanni
BMW of North America, LLC
(201) 571-5660 / phil.dilanni@bmwna.com

Karina St. Jean
DKC on Behalf of BMW of North America
(323) 251-4725 / karina_stjean@dkcnews.com

BMW of North America And California Bioenergy Expand Partnership Utilizing Innovative Dairy Technology to Provide Clean Energy for EV Charging in California.

- Growing partnership now includes Bar 20 Dairy, a farm based in Kerman, CA

Mountain View, Calif- Nov. 8, 2021... As the first automaker to collaborate with dairy farms on renewable energy projects, BMW of North America and California Bioenergy (CalBio) today announced an expanded partnership to include Bar 20 Dairy, a farm based in Kerman, CA. The collaboration aims to power EVs in California with clean energy, and generate cleaner air in the state by leveraging the latest biodigester technology to create renewable energy by capturing methane from manure to feed back into the power grid.

The new, next generation climate-smart dairy technology captures methane from manure and turns it into renewable energy without combustion, offsetting 100% of carbon emissions and sending renewable energy back to the electric grid to power EVs in a clean way. It will also result in critical methane reductions to help the state meet its short and long-term climate goals. The methane emission reductions at the farm, when combined with the renewable energy generation, result in carbon emission reductions equivalent to providing clean power to over 17,000 electric vehicles per year. The project will also provide significant local air quality benefits in Northern and Central California, while furthering the state's ambitious clean transportation goals.

Company
BMW of North America, LLC

BMW Group Company

Mailing address
PO Box 1227
Westwood, NJ
07675-1227

Office address
300 Chestnut Ridge Road
Woodcliff Lake, NJ
07677-7731

Telephone
(201) 307-4000

Fax
(201)307-4095

Internet
bmwgroupna.com



“At BMW, we continue to pursue new ways to bring sustainability to all aspects of our vehicles – including the electricity powering our EVs,” said Adam Langton, energy services manager, connected eMobility, BMW of North America. “Our partnership with CalBIO represents an innovative way to help drive renewable energy investment, which not only powers our vehicles with clean energy, but also reduces methane emissions at dairy farms and brings a new revenue source to agricultural communities. We hope to expand this forward thinking model in the future, bringing more biodigester investment to farms throughout the U.S. and continuing to provide clean energy to EV drivers.”

What makes the digester at Bar 20 Dairy farm unique is how the fuel cell technology creates ultra-clean renewable electricity on site. The system is efficient, producing twice as much electricity as conventional generators using the same amount of biogas. By capturing methane that would otherwise be released into the atmosphere and efficiently making clean, renewable electricity, the project is one of the cleanest sources of energy in the state. The use of electric fuel reduces carbon emissions, as well as smog producing emissions and other pollutants that impact air quality.

“In bringing together the best technology from Silicon Valley with the best technology from the Central Valley, we’re really doing something special for California,” said N. Ross Buckenham, CEO of CalBio. “This ultra-clean, biogas-fueled, on-dairy, self-generation power system scales from small to large dairies. We’re excited to now be able to demonstrate a large-scale system capable of generating one megawatt base load 24 x 7 that provides grid resiliency, and greatly improves local air quality while reducing greenhouse gas emissions.”

In addition to the varied environmental benefits, the partnership also brings new revenue to family farms and agricultural communities through this production of clean transportation fuel. Under the California Low Carbon Fuel Standard (LCFS) program, BMW generates environmental credits with dairy farms for these partnerships, both sharing the value of these credits. This type of innovative, cross-sector alignment not only helps farm communities with new revenue, but also serves as a model to accelerate the adoption of biodigesters at more farms in California and beyond.

Commitment to Sustainability.

BMW Group is dedicated to social and environmental responsibility and is leading the charge for increased efficiency and state-of-the-art sustainability solutions. The company takes a holistic approach to sustainability that extends beyond the vehicle, from design and engineering, to supply chain and procurement, manufacturing, and charging. Through its partnership with CalBio and other dairy farms, BMW is reshaping how EVs are charged by off-setting all BMW EV charging carbon emissions with this innovative approach.

Two All-New Fully-Electric BMW Vehicles Arrive Early Next Year.

BMW's efforts to provide clean energy for electric vehicle charging in CA, comes in advance of the launch of the all new, fully-electric BMW iX Sports Activity Vehicle and the BMW i4 Gran Coupe, which will arrive in the U.S. early next year. Each of these vehicles are built on BMW's 5th generation edrive technology and represent the latest in BMW technology, innovation, connectivity and performance.

#

BMW Group In America

BMW of North America, LLC has been present in the United States since 1975. Rolls-Royce Motor Cars NA, LLC began distributing vehicles in 2003. The BMW Group in the United States has grown to include marketing, sales, and financial service organizations for the BMW brand of motor vehicles, including motorcycles, the MINI brand, and Rolls-Royce Motor Cars; Designworks, a strategic design consultancy based in California; a technology office in Silicon Valley and various other operations throughout the country. BMW Manufacturing Co., LLC in South Carolina is the BMW Group global center of competence for BMW X models and manufactures the X3, X4, X5, X6 and X7 Sports Activity Vehicles. The BMW Group sales organization is represented in the U.S. through networks of 351 BMW passenger car and BMW Sports Activity Vehicle centers, 144 BMW motorcycle retailers, 110 MINI passenger car dealers, and 38 Rolls-Royce Motor Car dealers. BMW (US) Holding Corp., the BMW Group's sales headquarters for North America, is located in Woodcliff Lake, New Jersey.

#

Journalist note: Information about BMW Group and its products in the USA is available to journalists online at www.BMWUSANews.com, www.MINIUSANews.com and www.press.BMWNA.com.