



Anheuser Busch

ENGIE's Charging and Solar Solutions Help Get Anheuser-Busch's Electric Trucks on the Road

[About Anheuser-Busch](#)

Founded more than 160 years ago, Anheuser-Busch is an American brewing company headquartered in St. Louis, Missouri. The company lies behind some of the best-known beer brands in America including Budweiser, Stella Artois, and Michelob ULTRA. The brewer is committed to leading its industry toward more sustainable practices and aims to reduce its carbon emissions across its value chain 25% by 2025.

The Road to a More Sustainable Future

“The transport industry is one that is prime for innovative solutions and we are excited to continue driving progress toward a zero-emission fleet through this partnership.”

—Angie Slaughter, Vice President of Sustainability & Procurement, Anheuser-Busch

ELECTRIC CHARGING AND SOLAR GENERATION FOR EMOBILITY

Having made a commitment to dramatically reduce its carbon emissions, Anheuser-Busch realized that its fleet of delivery trucks represented a clear and addressable source of carbon emissions. The company therefore embarked on an eMobility transformation project, rolling out 21 battery electric trucks in its California fleet in what is the largest Class 8 electric truck deployment in North America.

ENGIE supported this initiative by leading the design and installation of charging infrastructure across all four of Anheuser-Busch’s Southern Californian facilities: Sylmar, Riverside, Pomona, and Carson. In addition, ENGIE deployed a solar array at the Carson site to generate zero-emissions power to offset the use of conventional energy in the charging process.

Low Carbon, High Performance Structure

Beginning operations in 2019, the electric fleet delivered major benefits in terms of carbon emission reductions and cost savings including:



958 kW

of clean solar power at the Carson site, reducing emissions and energy costs



21 electric trucks

recharged by four charging stations, providing a high-performance, cost-effective fleet



910 MT of CO₂

Avoided per year, the equivalent of taking almost 200 passenger vehicles off the road

SIMPLIFYING EMOBILITY CHARGING INFRASTRUCTURE

With ENGIE as its partner, Anheuser-Busch has benefitted from a simplified approach to charging infrastructure design, procurement, and execution. The complexity of new energy technologies—and challenges around ensuring different components work well together—mean that a successful technology selection process usually requires both a thorough assessment of operating conditions and specialized energy systems expertise. ENGIE provided both, helping Anheuser-Busch install the appropriate equipment and optimize the efficiency of its charging infrastructure.

“With this exciting project, Anheuser-Busch is providing a real-world demonstration of the future for moving goods and products throughout California. I congratulate all the companies partnering on this impressive effort for embracing zero-emission trucks and showing other businesses a zero-emissions solution to moving goods and cargo that cleans the air, protects our children’s health, and fights climate change.”

—Richard Corey, Executive Officer, California Air Resources Board

The Power Behind eMobility

ENGIE’s contribution toward Anheuser-Busch’s zero-emissions future included:

- Construction of a solar array at Anheuser-Busch’s Beach Cities distribution center in Carson, CA
- Planning and construction of four charging stations at the customer’s Sylmar, Riverside, Pomona, and Carson facilities

The project was financed by the California Air Resources Board (CARB), which awarded funds to the Center for Transportation and the Environment (CTE), a non-profit organization responsible for project oversight, development, management, and reporting.



Three Dimensions of Impact



ENVIRONMENTAL IMPACT

By embracing solar energy and eMobility in this project, Anheuser-Busch has shown that sustainable logistics can dramatically reduce carbon emissions, clearing the path to large-scale deployment and paving the way for new zero-emissions projects state-wide.



SAVING MONEY

By opting for renewable power generation at its Carson facility, Anheuser-Busch has put in place the capability to reduce energy costs over the long-term to power its fleet. In addition, electric trucks cost less per mile to operate and maintain compared to diesel alternatives.



SUPPORTING PEOPLE

By removing 910 metric tons of CO₂ per year, Anheuser-Busch has contributed to improving the air quality of California, helping to make the state a healthier place to live.

About ENGIE North America

As a power generator, energy services company, and retail electricity supplier, ENGIE North America is the only company that delivers comprehensive, integrated services across the entire energy value chain. This makes ENGIE a preferred provider to universities, cities, healthcare providers, and other social infrastructure entities. ENGIE's business strategy focuses on delivering safe, reliable, cost-effective, and sustainable energy solutions that meet customer needs over the long term and contribute to a carbon-neutral economy.

