

Award Recipient of the ENERGY Star Challenge for Industry



Bowling Green Assembly Plant
General Motors Company
600 Corvette Drive
Bowling Green, KY 42101

General Motors Bowling Green Corvette Assembly (BGA) was originally a Chrysler air conditioning component plant, which opened in 1968. General Motors (GM) purchased the property in 1979, and it took approximately 14 months to convert it to BGA. Before this, Corvettes were manufactured at a plant in St. Louis, Missouri, although the first car was built in Flint, Michigan in 1953. The first Corvette built at BGA was completed on June 1, 1981; while the last Corvette built at St. Louis was completed on August 1, 1981. Since then, BGA has been the only Corvette assembly plant in the world. The Corvette is the world's longest-running, continuously produced passenger car.

BGA achieved EPA's ENERGY STAR® Challenge for Industry in 2010 with 26.3% energy intensity reduction from its baseline, and then again in 2013 with a 13.15% energy intensity reduction. Since 2009, BGA's energy intensity reduction avoided 45,000 metric tons of CO₂ from entering the atmosphere -- the equivalent of electricity use by 4,985 U.S. homes annually. The plant has also avoided, since 2009, more than \$4,374,000 in energy costs through its efforts. To achieve these reductions, employees at BGA used energy-saving tactics such as installing energy management software to automatically control more than 2,700 light fixtures and air handlers.

The plant continues to prove their commitment to the environment through their proactive recycling efforts. In 2012 and 2013, the plant underwent a \$131 million dollar renovation to prepare to build the Stingray. During the heaviest periods of renovation, the plant recycled almost 1200 tons, or 2.3 million pounds, of scrap metal. This required almost one mile of bumper-to-bumper trucks to transport the metal to a processing facility.

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