

Award Recipient of the ENERGY STAR Challenge for Industry



Fairfax Assembly Plant
General Motors Company
3201 Fairfax Trafficway
Kansas City, KS 66115

The General Motors Fairfax Assembly Plant has been producing vehicles in the Kansas City area since 1945. Fairfax Assembly was the first industrial facility to operate as a dual purpose manufacturer producing both automobiles and jet fighters in the same building. The present facility, constructed in 1985, has received several capital investments, helping to make it the largest employer in the Kansas City Metro area with over 3,800 employees.

Currently, the Buick LaCrosse and LaCrosse eAssist, along with the Chevrolet Malibu 2.5L, Malibu Eco, and Malibu Turbo are manufactured at Fairfax Assembly. The plant operates on three shifts and produces one vehicle every 58 seconds. Since 1945, more than 12 million vehicles have been built at this plant.

Fairfax Assembly achieved the EPA's ENERGY STAR® Challenge for Industry in 2010. The plant reduced its energy intensity by more than 16% and avoided 45,381 tons of CO₂ from entering the atmosphere, equivalent to eliminating more than 7,000 vehicles in one year from the road. Energy efficiency was accomplished through using energy-saving tactics such as:

- Replacing lights with more energy-efficient fixtures.
- Adjusting temperature set points during cooling and heating seasons.
- Establishing energy-saving goals.
- Minimizing landfill use through recycling byproducts, including scrap metal. In 2011, the plant disposed of only 9% of its waste in a landfill, recycling, reusing, and converting the rest to energy.

The plant is committed to ongoing efforts to reduce energy use and conserve resources. It constantly assesses its environmental impact with the goal of continuous improvement.

“Our facility is dedicated to going above and beyond compliance with environmental laws to ensure we adhere to responsible environmental business practices,” said Megan McCutcheon, Environmental Engineer at the plant. “At Fairfax Assembly, we consider environmental impact throughout all aspects of our business operations and manufacturing.”

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