

Award Recipient of the ENERGY STAR Challenge for Industry



Flint Engine Operations
General Motors Company
2100 Bristol Road
Flint, MI 48552

Flint Engine is one of General Motors' (GM) newest facilities, having opened in 2002 to build engines for midsize sport utility vehicles. In the last decade, the facility has been a centerpiece of environmental activities, becoming the first GM facility to go landfill free.

With more than 800 employees, the facility now produces engines for a number of GM's most popular vehicles, including the Buick Enclave, Chevrolet Traverse, GMC Acadia, Cadillac CTS, as well as small cars such as the Chevrolet Cruze, Sonic, and Volt. The facility is getting ready to invest \$215 million for a new, more efficient small gasoline engine.

In keeping with its environmental focus, the facility has undertaken numerous initiatives to reduce its reliance on energy and achieve the U.S. EPA ENERGY STAR® Challenge for Industry.

The Flint Engine facility has achieved the ENERGY STAR Challenge for Industry twice, cutting its energy use by 10 percent in 2010 and another 19 percent in 2013.

At Flint Engine, new, larger heat exchangers were installed on seven coolant galleries, which remove BTUs from machining coolants.

Last year, the facility's engineers came up with a way to turn off chillers remotely by scheduling the start/stop function. Essentially, the chiller shuts down based on a pre-determined time that is built into the software, enabling higher annual energy savings.

Overall, Flint Engine has avoided more than \$2.3 million in energy costs since 2011.

For more information contact:

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