

## Award Recipient of the ENERGY STAR Challenge for Industry



Flint Metal Center  
General Motors Co.  
2238 W. Bristol Road  
Flint, MI 48553

General Motors Flint Metal Center began operations in 1954 as Chevrolet Stamping. Facility operations consist of automotive sheet metal stampings, which include hoods, fenders, and miscellaneous small parts. In addition, frames and miscellaneous parts are assembled on site.

Flint Metal Center has continuously made great strides with reducing waste, energy consumption, and has provided excellent support to outreach activities in the Flint area.

Flint Metal Center achieved EPA's ENERGY STAR® Challenge for Industry in 2010. Some of the energy-related projects have included:

- Plant Steam Elimination: Installed 4 air make-up units that replaced steam for comfort heating. The project eliminated the use of steam in the main plant. The annual energy savings is \$534,000 or 106,800 mcf of gas.
- Outbuilding Steam Elimination: Installed 1 air make-up unit into 2 outbuildings to eliminate the use of steam for comfort heating. After this project was completed, the use of steam at the plant was completely eliminated. The annual energy savings is \$220,000 or 34,120 mcf of gas.
- Overhead Lighting Upgrades: Replaced 1,060 metal halide fixtures with 6 or 8 bulb T8 linear fluorescent fixtures. The annual energy savings is \$165,000 or 2,062,500 kWh.

Overall, the plant realizes annual energy savings of just over \$900,000 and has reduced its energy intensity by 27 percent since 2008.

For more information contact:

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