

## Award Recipient of the ENERGY STAR Challenge for Industry



Tonawanda Engine  
General Motors Company  
2995 River Road  
Buffalo, NY 14207

The Tonawanda Engine plant began production in 1938. To date the plant has built over 71 million engines. Currently the plant produces engines for every brand General Motors (GM) manufactures.

In 1944 the plant, known then as the Chevrolet Plant, secured a \$200,000,000 Army contract and produced 51,050 14/18-cylinder Pratt & Whitney engines for use in WWII.

Tonawanda Engine currently produces the Ecotec 2.0L Turbo and 2.5L (4-cyl.) engines for the Chevrolet Malibu, Chevrolet Impala, Buick Regal, Cadillac ATS, and the CTS. The plant recently launched an all-new family of engines – EcoTec3 4.3L V6, 5.3L V8, and 6.2L V8 engines – for the 2014 Chevrolet Silverado, Tahoe, and Suburban, and the GMC Sierra and Yukon. The plant is also the exclusive provider of the standard 6.2L LT1 V8 engine for the 2014 Corvette Stingray.

Tonawanda Engine achieved the ENERGY STAR Challenge for Industry in 2010 by reaching a 31% energy intensity reduction within one year of its baseline resulting in a total energy savings of 237,507 MMbtu. Energy efficiency was accomplished through a diverse portfolio of projects and strategies, including:

- Replacing isolated inefficient processes and building boiler control systems with new Allen Bradley Controllers & Variable Speed Drives.
- Implementing remote monitoring and control of Administrative HVAC Systems.
- Automating the shutoff process of energy-using SCADA systems during production downtimes.
- Continuing to focus on lighting efficiency and other building service projects.
- Building an energy conservation culture by communicating the importance of energy efficiency to all employees.

For more information contact:

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