

Award Recipient of the ENERGY STAR Challenge for Industry



General Motors Company
Tonawanda Engine Plant
2995 River Road
Buffalo, New York 14207

The Tonawanda Engine Plant has produced more than 70 million engines since it opened in 1938. The plant currently produces the Ecotec 2.4 L4 Cylinder Engine, Vortec 2900 2.9 L4 Cylinder Engine and the Vortec 3700 3.7 L5 Cylinder Engine. The plant also supports new product launches including: LEA (Fuel injected Ecotec), LGE (Large 4cyl Gas Engine) and GEN V (Next Generation V8).

The plant achieved the ENERGY STAR Challenge for Industry in 2010 with an energy intensity reduction of 31.1% in one year saving 237,507 MMBTus.

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 energy shutoff process using SCADA systems during production downtimes.
- Continuing the focus on lighting efficiency and other building service projects.
- Building an energy conservation culture by communicating to all employees.

For more information contact:
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