



Case Study #2-2

Company Name: Ford Motor Company

Number of Facilities (as applicable): 1

Year of Implementation: 2004

Description of Activity: Plant-wide Assessment

Ford, in partnership with DOE, is undertaking a plant-wide assessment to identify opportunities to reduce energy use, waste, and production costs at the Ford Michigan Truck Plant through a series of specifically targeted initiatives. The proposed approach for reducing plant energy, waste, and production costs has two parts: characterization, to identify components of the production process that have the greatest savings potentials, and “inside-out” analysis to identify specific opportunities that maximize savings while minimizing capital costs. The program began in May 2004 and should be completed by the end of the year. An analysis of the results and recommendations of the study will be performed subsequently and implementation and replication will be evaluated. DOE publication of the project results is anticipated.

Specific Environmental Benefits Achieved (i.e., materials, energy, waste, CO2 reductions):

The assessment will identify timely information about potential opportunities for energy and waste management that benefit not only Ford, but also other manufacturers through DOE publication.