

**DOE's Save Energy Now Assessments – Results and Lessons Learned from
450 Assessments Conducted in 2006 – 2007**

ABSTRACT

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Following a successful launch in 2006, the U.S. Department of Energy (DOE) continued to offer Save Energy Now (SEN) assessments to energy-intensive U.S. manufacturers in 2007. Through the Save Energy Now initiative, plants received system-based assessments conducted over a 2-3 day period by DOE's SEN Energy Experts. DOE sponsored assessments of steam and process heating systems in 200 large plants in 2006 and followed with 250 plants in 2007 by adding assessments of compressed air, pumping and fan systems. As of March 2008 DOE's Energy Experts have identified opportunities totaling over \$732 million in energy cost savings and 6.3 million metric tons of carbon dioxide emissions reduction, approximately equivalent to the emissions of 1.1 million passenger cars. This discussion will cover the identified and implemented savings generated to date by this assessment program. Additional analyses presented will include an examination of savings by type of system and opportunity, and by industry and state.