



HP Sets New Energy Reduction Goals, Reports on Environmental Programs

PALO ALTO, Calif., Sept. 21, 2009 – HP today announced it has established new goals to reduce the energy use and carbon intensity of its operations and products as well as reported its progress on environmental initiatives across the company.

HP has already met its goal of reducing combined energy consumption and associated greenhouse gas (GHG) emissions of HP operations and products to 25 percent below 2005 levels by 2010.

HP's new goal is to reduce the energy consumption and associated GHG emissions of all its products to 40 percent below 2005 levels by the end of 2011.

Additionally, HP's goal is to reduce GHG emissions from HP-owned and HP-leased facilities 20 percent under 2005 levels by 2013 on an absolute basis. This goal is independent of organic business growth and will be accomplished by reducing the worldwide energy footprint of HP facilities and data centers. In addition, HP plans to invest in energy efficiency and renewable energy sources.

“HP continues to build and report on transparent programs that support environmental sustainability as a global business strategy,” said [Shane Robison](#), executive vice president and chief strategy and technology officer, HP. “By shedding light on our energy use and carbon footprint – and by extension our customers and partners – we’re driving greater efficiency across the global economy.”

Between 2005 and 2008, HP's combined product innovations and operational efficiencies have reduced its GHG emissions by more than 4 million metric tons. The company has reduced the energy used in its operations by 9 percent since 2005, toward a previous goal of 16 percent by 2010.⁽¹⁾

The acquisition of EDS, an HP company, in 2008, and the integration of the combined company's facilities increased HP's total operations footprint by nearly 50 percent, which has prompted HP to establish separate operations and products goals.

Energy efficiency in product design and technology

Innovation in product design and technology continues to drive energy efficiency and reduce the carbon intensity of HP products, which helps customers live and work in a low-carbon economy while remaining cost-effective.

HP has already exceeded the goal set in January 2008 to reduce the energy consumption of its volume desktop and notebook PC families by 25 percent by 2010, below 2005 levels. HP has reduced the energy consumption of its highest-volume desktop and notebook PCs by 41 percent since 2005.

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More examples of HP's recent progress on sustainable business practices include:

- HP has shipped more than 500 million inkjet cartridges through its "closed loop" inkjet cartridge recycling process, the industry's first and only such innovation that allows recycled plastic from empty cartridges returned through the Planet Partners program (which has collected more than 300 million inkjet and HP LaserJet cartridges combined)⁽²⁾ and recycled plastic from other sources to be used in the manufacture of new Original HP cartridges.⁽³⁾
- HP also will be one of the first in the industry to offer 100 percent recycled single packaging expanded polyethylene (EPE) cushions across the HP Compaq 6000 Pro desktop PC series, available in North America and Latin America.
- HP expanded the number of high-efficiency internal power supplies, ENERGY STAR® 5.0 qualified PCs and advanced power management features and introduced the industry's first ENERGY STAR and EPEAT registered thin clients.
- The HP Photosmart ML1000D Minilab printer helps retail customers realize a 64 percent savings in energy and an average savings of 800 gallons of chemical and water discharge per year compared to silver-halide photo finishing system.⁽⁴⁾
- HP ProLiant Generation 6 servers, which began shipping in 2009, deliver twice the performance at half the power draw of the previous generation.⁽⁵⁾
- HP ProLiant servers were the first in the industry to qualify with the ENERGY STAR for Computer Servers 1.0 guidelines released in May; both HP ProLiant DL 360 and 380 servers carry the seal, with additional compliant HP servers expected in coming months.

HP helps reduce customers' greenhouse gas emissions

HP is committed to reducing GHG emissions throughout its business ecosystem. Through product recovery, telepresence solutions and managed printing services, an estimated 1.9 million metric tons of customer-owned emissions have been reduced using HP technologies.⁽⁶⁾ This is equivalent to taking more than 354,000 cars off the road for one year.⁽⁷⁾

Through the use of select HP Eco Solutions, HP customers are expected to reduce their CO₂ emissions by more than 4 million tons from 2005 to the end of 2011, which equates to removing more than 741,000 cars from the road for one year.⁽⁷⁾ HP Eco Solutions that help customers increase energy efficiency and reduce carbon intensity include:

- HP Halo – telepresence solutions that greatly reduce the need for business travel
- HP Eco Solutions printing practice for large organizations – tools, software, services, hardware and expertise to help customers reduce their environmental impact and save money
- Worldwide product recovery – recycling of products and supplies

More information on HP Eco Solutions is available at

<http://www.hp.com/go/ecosolutions/reduceimpact>.

HP and the environment

For decades HP has been an environmental leader, driving company stewardship through its holistic design for environment strategy. HP influences industry action through its long-standing commitment to maintain supply chain responsibility, sustain energy efficient operations, reduce its climate impact and offer product reuse and recycling options. HP also makes it easier for customers to recognize environmental attributes through HP Eco Solutions, a program that helps customers identify products and services designed with the environment in mind. More



information is available at www.hp.com/environment.

About HP

HP, the world's largest technology company, simplifies the technology experience for consumers and businesses with a portfolio that spans **printing, personal computing, software, services and IT infrastructure**. More information about HP (NYSE: HPQ) is available at <http://www.hp.com/>.

Note to editors: More news from HP, including links to RSS feeds, is available at <http://www.hp.com/hpinfo/newsroom/>.

- (1) HP has reduced its energy consumption by more than 9 percent and is 7 percent from meeting its previous goal of 16 percent below 2005 levels.
- (2) According to internal analysis of available external data conducted by the HP Imaging and Printing Group's Research Alliance, 2009.
- (3) Data current as of August 31, 2009.
- (4) f/22 Consulting data on HP vs. silver-halide systems. Assumes both photo finishing systems producing 1,250 prints/day, 360 days/year.
- (5) Based on HP internal testing.
- (6) Estimates of savings between 2005 and 2008 based on the U.S. Environmental Protection Agency's WARM Tool for product recovery volumes. Telepresence usage [here](#). Duplexing based on 2.81 gCO₂e per gram office paper and estimated paper savings of 383,967 metric tons.
- (7) Based on [EPA Greenhouse Gas Equivalencies Calculator](#).

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