

Lockheed Martin Go Green Program Overview

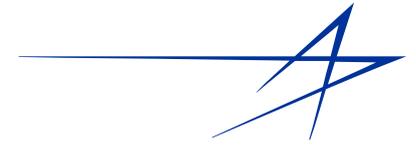


Conserve Today, Preserve Tomorrow



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EESH Sustainability Strategy
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Corporation Overview

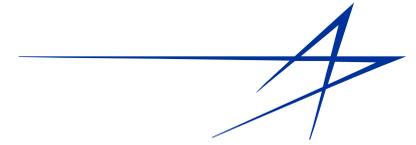


- **Headquartered in Bethesda, Maryland**
- **Employs about 146,000 people worldwide**
- **Lockheed Martin is principally engaged in the research, design, development, manufacturing and integration of advanced technology systems, products and services**

Powered by innovation, guided by integrity, we help our customers meet their most challenging goals.



Drivers for Going Green



- **Reduces business risk**
 - Reduce dependency on natural resources
 - Attract & retain employees
 - Manage future regulatory expectations
- **Supports our customer's objectives**
 - Support environmental impact reduction objectives
 - Increasing requirements in RFP's and contracts
- **Being a responsible corporate citizen**

It's the Right Thing to Do



Goals and Performance Measurement



- **Goal – to eliminate adverse environmental impacts resulting from our operations**
- **2012 absolute reduction targets:**
 - Reduce carbon emissions by 25%
 - Reduce waste to landfill by 25%
 - Reduce water usage by 25%
- **Measurement of Performance**
 - Currently using internally-developed survey tool and PWI tool to track metrics
 - Migrating to SAP Carbon Impact



NOTE: Reductions targets are against a 2007 baseline and are not indexed to sales.

Facility Efficiency and Conservation



- **Enhance facility and operational performance**

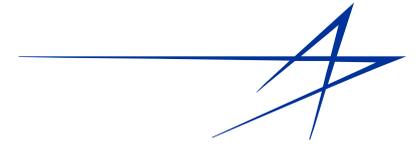
- 17 energy efficiency projects in Fort Worth yielded an annual savings of 37.8 million kWh and \$3.3 million in cost avoidance
- A new Energy Management System in Camden reduced carbon emissions by 2,332 metric tons – saving more than \$209,000
- Lighting upgrade in Orlando reduced carbon emissions by 2,522 metric tons – saving more than \$308,000

- **“Green IT”**

- Since 2007, consolidated 1,700 servers – saving 11 million kWh and \$1.2 million in operating cost
- Optimized and consolidated data centers
- Improved desktop power management



Building and Operating Greener Facilities



- **Implementing U.S. Green Building Council practices**
 - Eight Leadership in Energy and Environmental Design (LEED) certified buildings with 20 more in process
- **Leveraging renewable energy and technology**
 - More than 80M kWh in renewable purchases in 2009
 - Owego, NY biomass system reduces site's carbon footprint by one third
 - Sunnyvale, CA on-site solar realizes annual savings of 1.3 million kWh of energy



Source Reduction and Recycling



- **Reducing incoming materials**

- 12 of Lockheed Martin's largest sites have implemented a chemical management system, which will reduce the amount of materials wasted by ordering only what's needed
- Lockheed Martin has worked with IT suppliers to reduce the amount of packaging materials (i.e. Dell multi-packs)

- **Improved waste segregation and recycling programs**

- Manassas is partnering with a vendor to recycle waste, which means that less than one percent of the site's waste will be sent to landfills
- Multiple sites are increasing the number of waste streams that are recycled, including Styrofoam



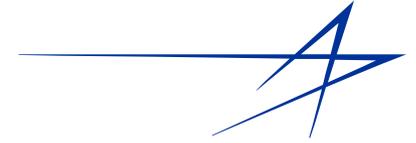
Conserving Water



- **Steps being taken to conserve water and reduce our overall usage include:**
 - Repairing leaks
 - Improving efficiency
 - Recycling process water
 - Innovative landscaping projects
- **“Smart” irrigation systems in Sunnyvale and Palo Alto are reducing water usage, runoff, and cost**



Performance



- **Go Green program – making a difference for our business and the environment**
 - In 2008, Lockheed Martin reduced:
 - Carbon emissions by three percent, which equals 32 thousand MT CO₂e (31,998 MTCO₂e)
 - Waste to landfill by nine percent, which equals 3.6 million lbs (3,598,794 lbs)
 - Water consumption by 11 percent, which equals more than 275 million gallons
- **But there is still a lot of work to be done...**
 - Carbon emissions reductions
 - Green procurement
 - Green chemistry
 - Product stewardship

