

**Fact Sheet: Executive Order Number 18**

Complete text of EO 18: [http://governor.delaware.gov/orders/exec\\_order\\_18.shtml](http://governor.delaware.gov/orders/exec_order_18.shtml)

Press release: <http://governor.delaware.gov/news/2010/1002february/20100217-leadingbyexample.shtml>

## **Leading by Example Towards a Clean Energy Economy & Sustainable Natural Environment**

State government must lead by example. Taking action now will enable us to meet the unprecedented challenges of a changing economy and climate, while seizing opportunities to:

**Strengthen the State's economic competitiveness,  
Create great-paying jobs, improve public health,  
Protect the environment, enhance quality of life, and reduce expenses.**

The steps identified here could reduce greenhouse gas emissions from State government operations and **demonstrate that responsible policies to minimize our impact on the environment can simultaneously reduce operating expenses, create a more efficient government, and improve productivity.**

### **Energy Conservation and Efficiency**

**Target:** All State executive branch agencies will aim to achieve an overall reduction, from fiscal year 2008 levels, in energy consumption of **at least 10% by the end of fiscal year 2011, 20% by the end of fiscal year 2013, and 30% by the end of fiscal year 2015.**

**Why:** The State spent \$35 million last year on electricity, heat and air conditioning. Cutting consumption will **save money**. The work to modernize building systems could create **375-625 new jobs**.

**How:** Energy conservation practices, such as eliminating unnecessary lighting, implementing Green Computing Practices and thermostat controls, and undertaking other measures.

The State will benchmark energy use and facilities will be audited for energy efficiency opportunities. This data will be used to prioritize projects based on energy savings, cost savings and environmental benefit.

Funding for related projects may include federal funds, Regional Greenhouse Gas Initiative auction proceeds, and financing administered by the SEU.

### **Use of Clean, Renewable Energy**

**Target:** At least 30% of the annual electricity demand for buildings owned or operated by the State executive branch should come from clean, renewable sources by the end of fiscal year 2013.

**Why:** Given current energy costs, State purchasing power, and partnerships with other buyers, we can secure cleaner energy supplies at competitive long-term costs. State purchases can help build the market for renewables, bring down costs and create jobs.

**How:** The State will utilize procurement strategies that maximize clean energy purchases, while minimizing costs. Agencies will explore the use of local distributed renewable energy generation or other clean energy solutions.

## Environmentally Responsible and Energy Conscious Construction

**Target:** The State will integrate the U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED) practices into construction, renovation, and facility operation. Where reasonable, agencies will aim for LEED Silver standards.

**Why:** Buildings account for 60% of State energy use and 50% of our carbon emissions. Studies show LEED Silver buildings can save as much as 20% in energy costs over non-LEED buildings – saving the state money now and far into the future.<sup>1</sup>

**How:** Emphasis will be placed on elements that reduce long-term expenses. May include:

- Design / technology to improve energy efficiency, indoor air quality, and water use
- Renewable resources, as geothermal, solar, and wind
- Onsite storm-water management to prevent flooding, reduce pollution, and promote aquifer recharge
- Materials with recycled content and practices to reduce solid waste
- Protection of biodiversity and natural habitats
- Potential effects of climate change, such as a rise in sea level
- Elements such as walkable / cyclable communities, access to public transit, and actions that reduce urban heat island effects

## Recycling

**Target:** All State executive branch agencies, departments and offices will aim to achieve a 75% rate of diverted waste from landfills by the end of fiscal year 2012.

**Why:** Our landfills are filling up. We need to save space by cutting waste.

**How:** Reduce, reuse, and recycle!

## Clean Transportation

**Target:** All agencies shall reduce expenses by reducing, from fiscal year 2008 levels, petroleum consumption by 25%, vehicle emissions by 25%, and vehicle miles traveled by 15% by the end of fiscal year 2012.

**Why:** Our targets could save the state over \$1 million per year and improve air quality.

**How:** Light-duty cars and trucks will be hybrid, alternative-fuel, high-fuel-economy or low-emission vehicles, except in cases where it would compromise public health, safety, or law enforcement needs. We will explore the use of biodiesel where appropriate.

Agencies will reduce travel by fostering a work environment, where possible, that promotes activities such as car-pooling, teleconferencing, and public transportation.

## Environmentally Sensitive Procurement

**Target:** OMB will work with DNREC, DTI and the Department of Health and Social Services to develop and implement an environmentally sensitive procurement policy.

**Why:** Operations can be greener and use less toxic substances, protecting the health of State employees and increasing productivity, without increasing costs.

**What:** To the extent permitted by law and where cost effective, the policy will encourage the use of environmentally preferable products and services.

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<sup>1</sup><http://www.gbci.org/>