

Executive Order 11-13
Updated Model Sustainability Plan Targets

4. Model Sustainability Plan.

a. Minimize solid waste and prevent pollution

- i. *Waste Reduction, Recycling, and Diversion.* By June 30, 2014, each state agency must achieve 60 percent reduction in the amount of waste disposed of each fiscal year, compared to fiscal year 2011, through reducing waste, recycling, and diverting organics.
- ii. *Reduce Bottled Water Purchases.* Reduce purchase of bottled water by 50 percent from baseline of FY2010, except where the purchase is necessary for public health and safety, or emergencies.
- iii. *Eliminate Purchase of Triclosan-containing Products.* Eliminate the purchase of hand soaps, dish and laundry products containing triclosan by June 30, 2013
- iv. *Reduce Air Pollution*
 1. On days with high-risk air pollution, all state agencies must be notified of actions they can take to reduce their impact on air pollution. State agencies must notify their staff about the alert 95 percent of the time.
 2. State agencies shall encourage employees to consider alternatives to single-occupancy vehicle commuting on or about May 1 and October 1 of each year.
- v. *Solid Waste Management Compliance by State Agencies.* Each state agency must comply with Minnesota Statutes § 115A.471, by properly managing solid waste according to the solid waste management plan of each county in which it operates.

b. Reduce energy consumption and greenhouse gas emissions, and demonstrate leadership by modeling and implementing energy efficiency and renewable energy measures in state owned or leased buildings

- i. *Reduce Energy Consumption and Greenhouse Gas Emissions*
 1. Achieve building energy performance standards as provided in Minnesota Statutes, § 216B.241, subdivision 9, (Sustainable Building 2030) in all designs for new or substantially renovated state buildings by reducing energy use from an average 2003 building by 70 percent by 2015.
 2. Each state department in a leased facility must implement at least two initiatives to reduce energy and waste consumption through efficiency and conservation and the promotion of changes in employee practices.
- ii. *Demonstrate Leadership in Energy Efficiency and Renewable Energy.* By December 31, 2012, at least 50 percent of state building operators and managers will have attended Building Operator Certification (BOC) training offered through Midwest Energy Efficiency Alliance or other appropriate training approved by the Real Property Executive Committee to operate existing energy-consuming equipment in state-owned buildings in the most efficient manner possible.

c. Increase the purchase and use of environmentally preferable products and services

- i. *Energy Efficient Office Machines.* All multifunctional devices (MFDs) on the state standards program must be **Energy Star** labeled.
 1. By June 2014, agencies must complete a print assessment at every office. By June 2016, agencies must complete the printer and MFD asset management actions indicated in their printer and MFD assessment.

Adopted by the Inter-Agency Pollution Prevention Advisory Team
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- ii. *Preferred Waste Stream Products.* By June 30, 2015, purchases of remanufactured printer toner cartridges, from the state office supply vendor, must increase at least 30 percent from the base of fiscal year 2009 usage.
- iii. *Copier Paper.* At least 93 percent of all copier paper purchased from the copier paper contract vendor must be a minimum of 30 percent post-consumer recycled content paper and third party certified under one of two internationally recognized forest management certification systems: the Forest Stewardship Council (FSC) or the Sustainable Forestry Initiative (SFI).
- d. **Reduce dependence on petroleum based fuels used in transportation**
 - i. *Reduce Use of Gasoline.* By 2015, using 2005 as a baseline, the State of Minnesota must reduce the use of gasoline in on-road vehicles owned by state departments by 50 percent.
 - ii. *Reduce Petroleum-Based Diesel Fuel.* By 2015, using 2005 as a baseline, the State of Minnesota must reduce the use of petroleum based diesel fuel in on-road vehicles owned by state departments by 25 percent.
 - iii. *Fleet Composition.* Ensure that when reasonably possible all on-road vehicles purchased by a state agency:
 - 1. use cleaner fuels as that term is defined in Minnesota Statutes § 16C.135, subdivision 1, or
 - 2. with the exception of buses, snowplows, and construction vehicles, have fuel efficiency ratings that exceed 30 miles per gallon for city usage or 35 miles per gallon for highway usage.
 - iv. *Fueling Practice.* All state employees utilizing vehicles capable of operating on cleaner fuels must, whenever practical, use cleaner fuels when operating those vehicles. For the purposes of this executive order, the term “whenever practical” refers to the availability of the cleaner fuel.
 - v. *Renewable/Next Gen Fuel Products.* Increase the use of renewable transportation fuels derived from agricultural products, including ethanol, biodiesel fuel, and hydrogen fuels, and fuels derived from waste products.
 - vi. *Technology to Reduce Reliance on State Fleet.* Increase the use of technology to enhance access to and delivery of government information and services to the public, and reduce reliance on the state’s fleet for the delivery of the information and services.
- e. **Reduce water consumption and demonstrate leadership by modeling and implementing water efficiency measures in state-owned or leased buildings.**
 - i. *Water conservation.* By June 2014, agencies will have inventoried their water facility distribution systems to determine whether system components meet current industry water efficiency best management practices (BMPs). Agencies will implement water efficiencies (BMPs) with the goal of replacing 10 percent of inefficient technologies with efficient fixtures, equipment, systems, and BMPs by December 2015.

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