

EXECUTIVE ORDER No. 109

ENERGY SAVINGS AND REDUCTION OF GREENHOUSE GAS EMISSIONS IN CITY  
BUILDINGS AND OPERATIONS

October 22, 2007

WHEREAS, providing municipal services and fulfilling the obligations and duties of New York City government require the use of energy resources; and

WHEREAS, the generation and use of energy have a significant impact on the environment, including the emission of greenhouse gases that contribute to global warming; and

WHEREAS, under PlaNYC, New York City has a goal of reducing its Citywide greenhouse gas footprint by 30% by 2030; and

WHEREAS, City government consumes more than 6% of all energy used in New York City, but has succeeded in stabilizing its greenhouse gas emissions through the use of energy-conscious policies such as retrofitting buildings to make them more energy efficient and installing LED traffic lights; and

WHEREAS, in PlaNYC and the Mayor's FY2008 executive budget, the City has expressed its commitment to reduce energy consumption by City government, committed 10% of its FY2008 energy expenses to fund energy-saving investments in City buildings and operations, and proposed committing that amount each year going forward; and

WHEREAS, it is imperative for each City agency to significantly reduce its energy use to realize this Citywide mandate; and

NOW, THEREFORE, by virtue of the power vested in me as Mayor of the City of New York, it is hereby ordered:

Section 1. Carbon Reduction Goal. The City shall implement cost-effective programs and energy-efficient practices designed to reduce the City government's energy consumption and CO<sub>2</sub>e emissions by 30% from 2006 levels, as measured by the Inventory of New York City Greenhouse Gas Emissions of April 2007, within ten years of the effective date of this Executive Order. All agency heads are responsible for reducing energy consumption in the facilities that they manage.

§ 2. Energy Conservation Steering Committee. An Energy Conservation Steering Committee (“Steering Committee”) shall be established, consisting of representatives of the Office of the Deputy Mayor for Administration, the Department of Citywide Administrative Services, the Mayor’s Office of Operations, the Mayor’s Office of Management and Budget (“OMB”), the Department of Design and Construction, and the New York City Economic Development Corporation, to oversee and manage the development and implementation of the City’s plan to reduce its carbon emissions. The Steering Committee shall be chaired by the Deputy Mayor for Administration or his designee, and represented agencies shall provide staff support. The Steering Committee shall also advise City agencies on all uses of funds allocated to carbon-reduction efforts in City government.

§ 3. Energy Reduction Plans. a. By December 1, 2007, the Steering Committee shall issue a short-term action plan for the use of the \$80,000,000 budgeted in FY2008 for energy and greenhouse gas emission reduction purposes. Projects that reduce the City’s energy consumption and/or greenhouse gas footprint will be considered plan-eligible, including but not limited to building retrofits, process and plug-load improvements, methane capture projects, and vehicle retrofits or replacements. All buildings for which the City pays energy costs shall be considered plan-eligible, and all forms of energy consumed, whether purchased centrally or not, shall be considered plan-eligible. Return on investment and overall energy savings shall be the primary bases for selecting and prioritizing projects. The Steering Committee shall allocate approximately 30% of the budgeted allocation for FY2008 to assist in the planning and management of energy-saving efforts in the future, such as additional staffing needs, benchmarking studies, training efforts, and management systems.

b. By June 30, 2008, the Steering Committee shall issue a long-term action plan for the achievement of the full 30% reduction in the City’s energy consumption and CO<sub>2</sub> emissions by 2017. To the extent not already addressed by the short-term action plan to be established pursuant to subdivision (a), the plan shall address:

- i. Benchmarking of the energy consumption of all City buildings (and any building for which the City pays energy costs), reporting CO<sub>2</sub> emissions and all types of energy use on a per square foot or other unit basis over time;
- ii. Identification of existing resources to be integrated into this plan, including contract resources and information systems (such as the Asset Information Management Survey);
- iii. Identification of energy savings opportunities, including establishment of an energy audit program to rank potential sources of savings in buildings, and assessment of the opportunity to utilize more efficient vehicles in the City’s fleet and to reduce the overall use of non-emergency response vehicles by City employees;

- iv. Timelines to procure and implement program resources, including but not limited to programs such as operations and maintenance, building retrofits, real-time metering and monitoring, water conservation, central management systems, training of City facilities managers and others in energy-saving maintenance, co-generation and standard specifications for small-scale renovations;
- v. Measurement and verification protocols that will track program savings;
- vi. Pilot projects to assess the feasibility and economic potential of new energy-saving technologies and methods;
- vii. A structure through which agencies that manage facilities will identify their own opportunities to reduce energy consumption in an ongoing manner and contribute those opportunities to an inter-agency plan for carbon reduction;
- viii. Accountability and enforcement policies that will ensure that agency heads undertake the energy savings for which they are responsible;
- ix. Any staffing or other organizational needs that implementation of the plan may require; and
- x. Any other energy-related projects that may contribute to the goal of reducing greenhouse gas emissions.

§ 4. Implementation. City agencies shall provide all necessary assistance to members of the Steering Committee for the purpose of developing and implementing the short-term and long-term plans.

§ 5. This Order shall take effect immediately.

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Michael R. Bloomberg  
Mayor