



State of New Mexico

Office of the Governor

Bill Richardson
Governor

EXECUTIVE ORDER 2006-001

STATE OF NEW MEXICO ENERGY EFFICIENT GREEN BUILDING STANDARDS FOR STATE BUILDINGS

WHEREAS, the State of New Mexico is committed to improving the health of its employees and its citizens, increasing the production and use of clean energy sources, reducing waste, conserving water, and reducing greenhouse gas emissions, and desires to empower sustainable economic development;

WHEREAS, the Federal Government through programs fostered within many of its key agencies, numerous State governments as well as municipalities across the U.S. have adopted high performance green building principles through the incorporation of the U.S. Green Building Council (USGBC) Leadership in Energy and Environmental Design (LEED) rating system into their building services;

WHEREAS, a recent study by the Lawrence Berkley National Laboratory completed the most definitive cost-benefit analysis of green buildings ever conducted and concluded that the financial benefits of green design are between \$50 and \$70 per square foot in a LEED building, more than 10 times the additional cost associated with building green. Additionally, the large positive impact on employee productivity and health gains suggests that green building has a cost-effective impact beyond just the utility bill savings;

WHEREAS, studies have indicated that student attendance and performance is higher in green school buildings;

WHEREAS, recognizing that a building's initial construction costs represents only 20-30 percent of the building's entire costs over its 30 to 40 year life, emphasis should be placed on the "life cycle costs" of a public building rather than solely on its initial capital costs; and

WHEREAS, the construction industry in the State of New Mexico represents a significant portion of our economy and a significant portion of the building industry is represented by small business and an increase in sustainable building practices will encourage and promote new and innovative small business development throughout the State.

NOW, THEREFORE, I, Bill Richardson, Governor of the State of New Mexico, declare that the state adopt specific standards to implement and facilitate the use of high performance energy efficient green building practices for all state-funded existing and new buildings throughout the State of New Mexico.

IT IS THEREFORE ORDERED that all Executive Branch state agencies, including the Higher Education Department, adopt the U.S. Green Building Council's LEED™ rating system consistent with all applicable laws to achieve the following:

- New construction of public buildings in excess of 15,000 square feet and/or using over 50 kW peak electrical demand shall build to and achieve a minimum rating of "LEED™ Silver." In achieving its LEED™ rating, the project must achieve a minimum delivered energy performance standard of one half the U.S. energy consumption for that building type as defined by the U.S. Department of Energy.
- New construction and renovation projects of public buildings between 5,000-15,000 square feet in size shall achieve a minimum delivered energy performance standard of one half the U.S. energy consumption for that building type as defined by the U.S. Department of Energy.
- Renovations of public buildings in excess of 15,000 square feet and/or using over 50 kW peak electrical demand and comprising upgrades or replacement of two of the three major systems (HVAC, lighting, and plumbing), shall achieve a minimum rating of "LEED Silver" and a minimum delivered energy performance standard of one half the U.S. energy consumption for that building type as defined by the U.S. Department of Energy.
- All other new construction, renovations, repairs, and replacements of state buildings shall employ cost-effective, energy-efficient, green building practices to the maximum extent possible; and

IT IS FURTHER ORDERED, that the General Services Department, in coordination with the Energy, Minerals and Natural Resources Department, **the Construction Industries Division**, and the New Mexico Chapter of the U.S. Green Building Council, shall develop criteria and a workable process for implementing this system; and

IT IS FURTHER ORDERED, that the General Services Department encourage private-sector building owners that lease to State agencies to comply with the same energy-efficiency performance standards required of State agencies in this Executive Order by offering preference points as determined by the Evaluation Committee for each lease RFP conducted under jurisdiction of the General Services Department; and

IT IS FURTHER ORDERED, that the Energy, Minerals, and Natural Resources Department (EMNRD) convene a "Public Schools Clean Energy Task Force" that shall be advisory in nature and shall make recommendations to implement aggressive energy efficiency measures in all existing school buildings and in the construction of all new schools and school renovations, including adopting the same energy efficiency standards established for executive branch agencies in this order. The Task Force shall also address the public schools' implementation of Executive Order 05-049, *Requiring the Increased Use of Renewable Fuels in New Mexico State Government*. The Task Force shall consist of representatives from EMNRD, Public Education Department, New Mexico Coalition of School Administrators, New Mexico School Boards Association, Public School Facilities Authority, Public Schools Capitol Outlay Task Force, and other members as appropriate. The Task Force shall report to the Governor by August 1, 2006 on its findings and recommendations; and

IT IS FURTHER ORDERED, that the Local Government Division of the Department of Finance and Administration, evaluate and develop recommendations to ensure that the siting of public buildings, including schools, minimizes transportation-related energy usage; and

IT IS FURTHER ORDERED, that the Construction Industries Division (CID) and the Construction Industries Commission (CIC) pursue updating residential and commercial building codes to promote and encourage consumers to develop state-of-the-art cost-effective energy efficient buildings and, in cooperation with EMNRD, engage the active support and participation from the CID and CIC on green building outreach, training, and technical assistance efforts; and

IT IS FURTHER ORDERED, that all State agencies are encouraged to work cooperatively with one another to achieve the goals outlined in this executive order.

THIS ORDER supersedes any other previous orders, proclamations, or directives in conflict. This Executive Order shall take effect immediately and shall remain in effect until such time as the Governor rescinds it.

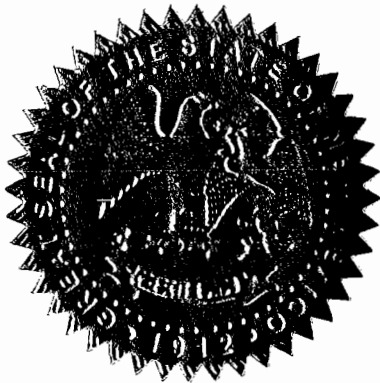
ATTEST:



REBECCA VIGIL-GIRON
SECRETARY OF STATE

DONE AT THE EXECUTIVE OFFICE THIS 16TH
DAY OF JANUARY, 2006

WITNESS MY HAND AND THE GREAT SEAL
OF THE STATE OF NEW MEXICO



BILL RICHARDSON
GOVERNOR