

# 2007 Albuquerque Energy Conservation Code Summary

## The Basics

- Adopted by the Mayor in September 2007
- Relates to the city's 2030 goals for carbon reduction, and **standards will increase over time**
- The code will be enforced beginning **April 1, 2008**
- There are 2 volumes:
  - Volume I Commercial and Multi-family Residential Buildings
  - Volume II One and Two-Family Detached Dwellings and Town Houses
- Albuquerque adopts and amends ASHRAE 90.1-2004
- Albuquerque does not adopt the New Mexico Energy Conservation Code
- There are exemptions for high-performance buildings

## Incentive Programs

- **Green Path Program**
  - **Plan review is expedited**; goal is to reduce time by half
  - Projects must intend to meet LEED Gold Certification; OR
  - Projects must intend to meet LEED Silver Certification AND earn 6 points in Energy & Atmosphere, including at least 3 points for Optimize Energy Performance
- **Publicity:**
  - The city's new sustainability website will feature profiles of projects that meet the Green Path requirements

## Commercial Requirements

- Requires all buildings to be **30% more energy efficient** than a baseline building that complies with ASHRAE 90.1-1999
- Applies to building envelope, mechanical systems, and electrical systems
- Applies to new buildings, additions, and renovations
- Does not apply to historic buildings or process energy uses
- Requires signoff from a NM registered architect or engineer
- **Exemptions:**
  - Buildings that use no or very low amounts of fossil fuels
  - LEED Silver with a minimum of 4 energy points
- **Prescriptive Method:**
  - 20,000sf or less office or retail buildings with unitary heating and air-conditioning equipment
  - Follow checklist of energy items instead of doing calculations
- **Performance Method:**
  - Calculations based on ASHRAE 90.1-2004 Appendix G methodology
  - Energy calculations for the baseline design, proposed design, and percentage improvement
  - List of energy-related features incorporated into the proposed design
- **Inspections:**
  - All buildings are now required to have a thermal bypass inspection

## For More Information

- View or download the entire new code at <http://www.cabq.gov/sustainability/green-goals/green-building/green-building-page> (this handout provides a summary only; additional provisions may apply)
- Contact John Bucholz, City of Albuquerque Green Building Manager, at [jbucholz@cabq.gov](mailto:jbucholz@cabq.gov)