

## A G E N D A



## Recommendation for Council Action

Austin City Council

Item ID

24664

Agenda Number

116.

Meeting Date:

5/23/2013

Department:

Planning and Development Review

## Subject

Conduct a public hearing and consider an ordinance repealing and replacing Article 12 of City Code Chapter 25-12 to adopt the 2012 International Energy Conservation Code and local amendments.

## Amount and Source of Funding

## Fiscal Note

**Purchasing  
Language:**

**Prior Council  
Action:**

April 8, 2010 – Council adopted the 2009 International Energy Conservation Code with local amendments.

**For More  
Information:**

Dan McNabb, 974-2752; Richard Morgan, 482-5309.

**Boards and  
Commission  
Action:**

February 27, 2013 – Unanimously approved by the Building and Fire Code Board of Appeals on a 5-0 vote.  
December 19, 2012 – Unanimously approved by the Mechanical, Plumbing and Solar Board on a 7-0 vote.

**MBE / WBE:**

**Related Items:**

## Additional Backup Information

The International Energy Conservation Code (IECC) provides reduced energy use in both residential and commercial buildings. The proposed amendments are in line with City of Austin policy relating to the Zero Energy Capable Homes Initiative and the Austin Climate Protection Plan.

The 2012 IECC represents a substantial change from 2009, for both commercial and residential including:

- Increased envelope tightness
- Increased fenestration performance
- Increased lighting performance
- Detailed requirements with respect to building performance, commissioning

Highlights of the draft ordinance are as follows:

Commercial Amendments - reflective roofing, air barrier requirements, HVAC shut-off for overhead doors, mechanical system commissioning, filtration of ventilation and return air, and water heater timers in Group R buildings.

Residential Amendments – covering 4-level group R buildings, R15 wall insulation, comprehensive testing (envelope & mechanical), greater lighting efficiency, limits on electric resistance water heating, SHGC adjustment for windows shaded by projections, limited trade-off between window U-value and mechanical system efficiency.