

# Energy Codes in Texas



Dub Taylor, Director

# Most Polluted Cities

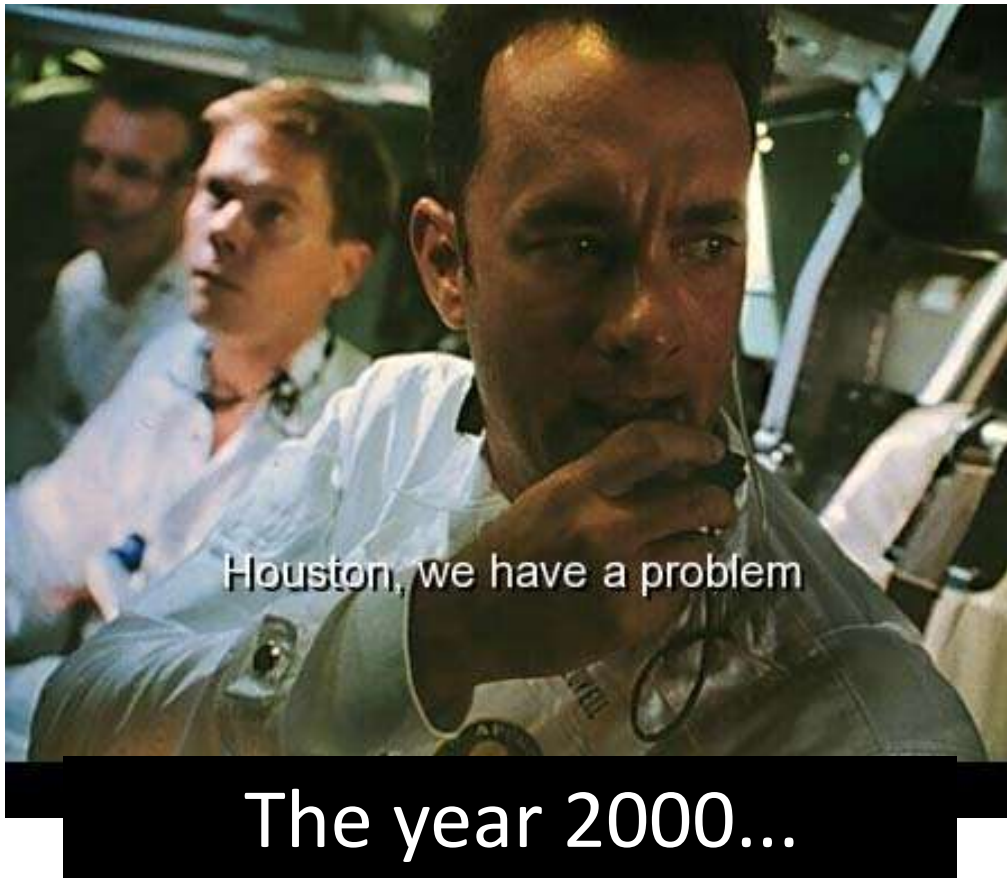
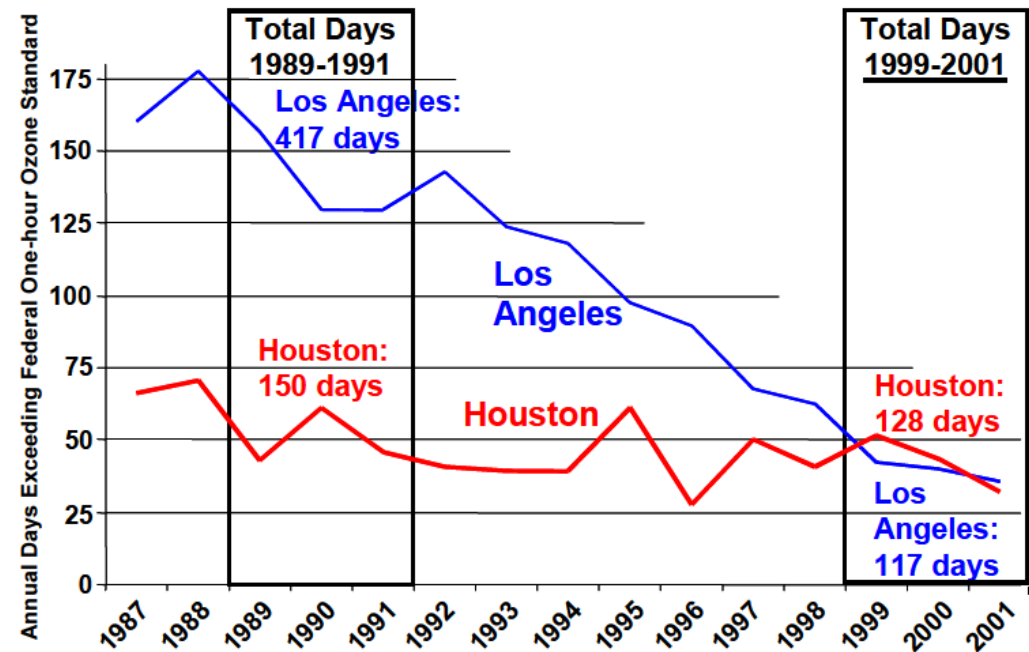


Figure 1: Steady Progress in Los Angeles Leaves Houston With Most Exposures to Ozone Smog



Sources: South Coast Air Quality Management District; Texas Natural Resource Conservation Commission; and US Environmental Protection Agency.

# Texas Health and Safety Code

## Chapter 388. Texas Building Energy Performance Standards



### LEGISLATIVE FINDINGS

- (a) The legislature finds that an effective building energy code is essential to:
- (1) reducing the air pollutant emissions that are affecting the health of residents of this state;
  - (2) moderating future peak electric power demand;
  - (3) assuring the reliability of the electrical grid; and
  - (4) controlling energy costs for residents and businesses in this state.
- (b) The legislature further finds that this state has a number of unique climate types, all of which require more energy for cooling than for heating, and that there are many cost-effective measures that can reduce peak energy use and reduce cooling and other energy costs in buildings.

# Texas Health and Safety Code

## Chapter 388. Texas Building Energy Performance Standards



### 2001

- Enacted as a part of larger air quality legislation
- Adopted by reference 2001 IRC Chapter 11 (resd) & IECC (C&I)
  - Local enforcement, amendments (home rule)

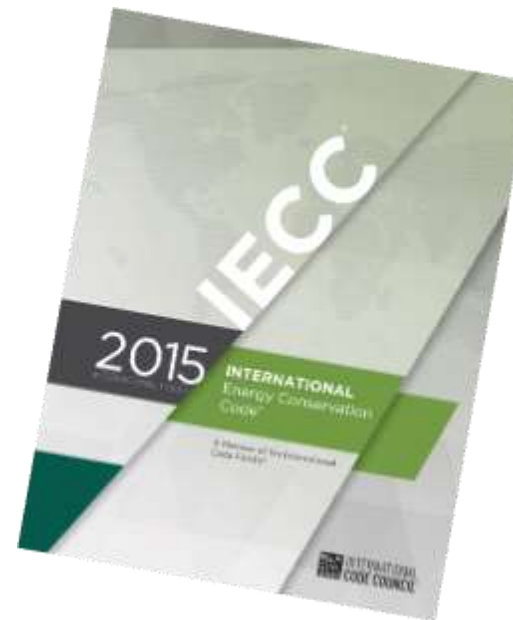
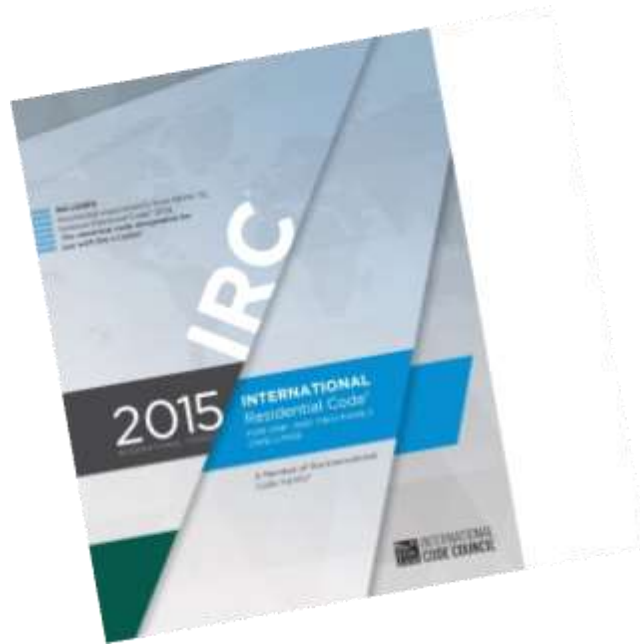
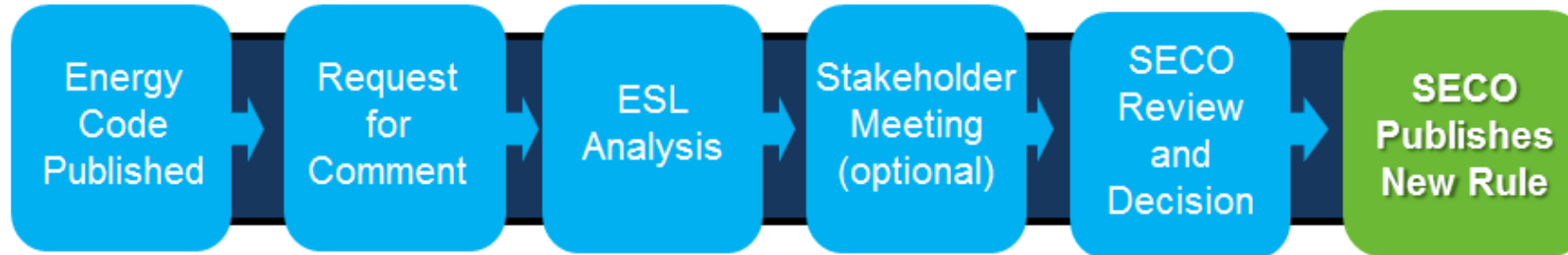
### 2007

- Amended to allow SECO update process

### 2015

- Amended to establish 6 year update cycle for residential

# Code Update Process



# Education & Compliance

- Interactive training course on SECO website
- 108 training workshops in 25 cities (2400 attendees)
  - Received copy of 2015 IECC book
  - Continuing education credits:
- DOE funded NASEO/SPEER/SECO Field Study ('14-'17)
- Texas Code Compliance Collaborative (w/SPEER)
- Code Ambassadors (w/SPEER)
- HVAC technician JIT training
- Largest city adoption (10K+ pop)
  - 2009/older IECC – 17 cities
  - 2012 IECC – 111 cities
  - 2015 IECC - 259 cities
  - 2018 IECC – 31 cities

