Docket No. EERE-2010-BT-STD-0031 Fossil Fuel Generated Energy Consumption Reduction for New Federal Buildings and these non-profit organizations developed three separate sets of model codes used throughout the United States. Although regional code development has been effective and responsive to our country's needs, the time came for a single set of codes. The nation's three model code groups responded by creating the International Code Council and by developing codes without regional limitations; the International Codes.

## Background

ICC also endorses the uses of the CBECS and RECS databases to determine the baseline for comparison with 2003 buildings mandated in the enabling legislation. We would note, however that the CBECS and RECS data are in need of upgrading, as is implicit in the discussion that notes the lack of sufficient data to analyze the very different energy consumption characteristics of different building types and functions. At Sec. 435.5, we likewise endorse the use of the Simulated Performance Alternative, found in appendix Sec. 404 of the ICC International Energy Conservation Code (IECC), 2004 Supplement., for analyzing both the baseline and proposed new building. (The Simulated Performance Alternative is now found in Sec. 405 of the 2009 IECC) While we appreciate and understand the need to use the IECC 2004 Supplement in this rule, due to the existing references to this code in existing law, we would encourage DOE to where possible reference later versions of the IECC, both to encourage the sue of such later editions, with the greater energy efficiency those versions require, and also to make it easier for contractors and building service providers, who will be more familiar with more current versions of the IECC.

Regarding agency petitions for adjustment, we believe it will be more efficient and promote more energy efficient buildings to simplify the requirements, and smooth the differentials between buildings by avoiding the complexity of individual building calculations of the percentage of electricity generated from fossil fuel, and use a national average, as suggested earlier in these comments. By doing so, we believe that DOE 3lc. 4rECC.uewassbelie.onaof thWe w4(fupplate emore Depar .9(sb(o)-.3(f Statei)-5otenstonal5. Fe on5.3(gossidlal tiomore ns dlify egpxityb winerfot5cTJ\*.d,o0 -