

PUBLIC SAFETY AND SECURITY Committee
Tuesday, February 15, 2011

Presentation Notes

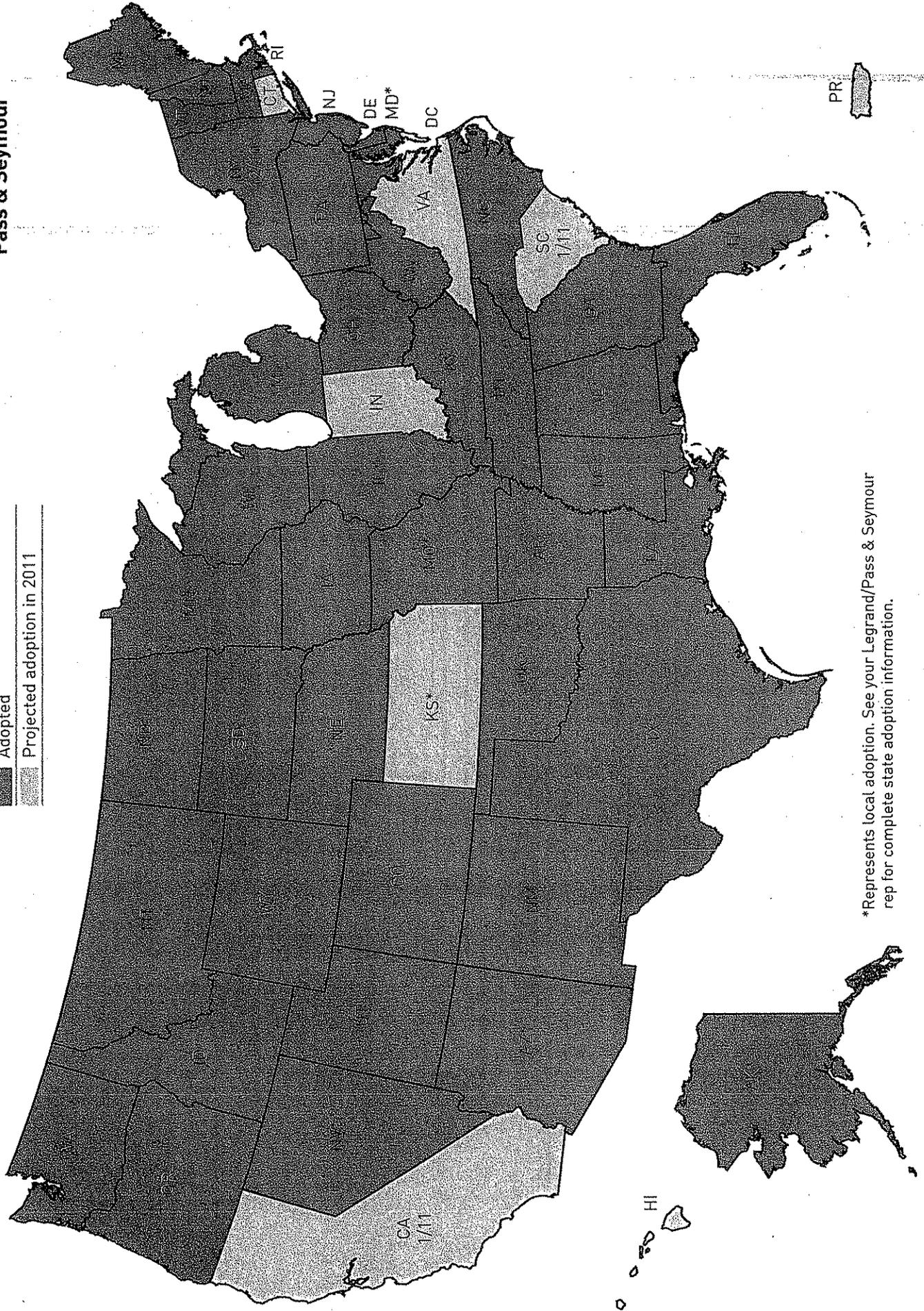
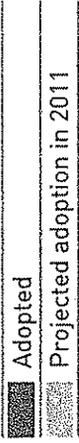
1. Mr. Chairman, I would like to thank you and the Public Safety and Security Committee for giving me the opportunity to speak today.
2. My name is John Masarick, Director of Codes, Safety and Workforce Development with the national office of Independent Electrical Contractors located in Alexandria Va. I am here today speaking on behalf of IEC's New England Chapter which is located in Rocky Hill Ct. in favor of the adoption of the 2011 National Electrical Code.
3. IEC is a National Trade Association composed of electrical contractors with 64 chapters and nearly 3500 contractor members located through the United States. IEC and its chapters annually provide training for tens of thousands of journeymen and apprentices.
4. Ensuring the safety of both our electrical workers and of those who use the electrical products installed in our homes, schools, hospitals, municipal buildings and businesses is a focus for our association. We actively work, on a daily basis, to help ensure the safety of personnel and property.
5. For that reason, IEC is very active in the development and maintenance of the codes and standards that govern our industry. First and foremost the National Electrical Code. To that end we have more than 40 volunteers seated on the various code panels that work to maintain that code. In addition, IEC works closely with OSHA regarding their proposed regulations, have members seated on the Committee for NFPA 70E, Standard for Electrical Safety in the Workplace, and we participate in the development of over 100 Underwriters Laboratories, Inc. and NEMA Standards for electrical products.
6. We are living in rapidly changing times. Because of advances in technology such as, electrical vehicles, solar cells, wind turbines, electrified parking spaces for trucks, arc fault circuit interrupters and many other new products and material, the NEC must constantly evolve to keep up with those advances to keep us safe.
7. Developed and updated on a three year cycle by some of the best from our industry Representatives on code panels are inspectors, representatives from testing labs, engineers, utility companies, manufacturers, consumers, labor, contractors and others from across the country. The NEC is approved as an American National Standard, the latest edition of the National Electrical Code represents the most up to date set of electrical safety standards anywhere in the world.
8. To ensure uniformity of training, promote today's best practices, provide for standardization of product, safety for personnel and property; IEC strongly recommends that Connecticut adopt the 2011 version of the National Electrical Code in its entirety as the basis of its electrical requirements.

9. An example of the challenges new versions of the NEC must address are; solar energy which is created from Photo Voltaic cells in the form of a direct current. Energy is present when the sun is shining. How do we make it safe for the fireman that must get up on the roof in the event of a fire. Also, there must be regulations to connect these new solar products back to the utility lines.
10. Some of the Improvements from the 2005 NEC are increased protection of the home by AFCI's and a requirement for Temperature Resistance Receptacles.

2008 NEC® Adoption by State



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