Reset Form

PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)

INSTRUCTIONS:
1. *Only a TYPED copy will be accepted.*
2. *~~Dashed line through material to be deleted~~; underline or bold face material to be added.*
3. *Use a second sheet for any material requiring more space.*
4. *Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.*

Leadership for a Safe and Secure Indiana

FOR OFFICE USE ONLY		
Received	Code	Proposal number

Code title International Residential Code	Edition 2018
Section number and title E3902.15 and E3902.16	Page number
Proponent Dean Richardson	Representing (*if applicable*) American Electric Co., Inc.
Address (*number and street, city, state, and ZIP code*) 7067 W. Galen Drive, Avon, IN 46123	Telephone number (317) 272-9000

PROPOSED CODE CHANGE *(check one)*

☐ Change to read as follows ☐ Add to read as follows ☐ Delete and substitute as follows ☑ Delete without substitution

Delete the requirement to install arc-fault circuit interrupters (AFCI) in Section E3902.15; location of arc-fault circuit-interrupters and Section E3902.16; arc-fault circuit-interrupter protection.

REASON STATEMENT AND FISCAL IMPACT

Depending on the house we would have to use an average of 40-50 arc fault breakers instead of traditional breakers. The arc fault breakers would be required on almost every single pole circuit in the house, but not required on 2pole circuits (240v circuits). The panels we use accommodate 30-60 circuits; they'll accept 30 if using full sized breakers and 60 if using twins. You also have to make room for the 3-5 240 volt circuits which would take up 6-10 spaces of the panel, before adding any single pole breakers. We use far more twins now as most panels fill up quickly, so changing to the arc fault breakers will also lead to adding another 200 amp panel (fed with a 100 amp breaker) just to accommodate breaker space because they do not make an arc fault twin breaker. **The fiscal impact of the above would be around $2,663.00**.

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study