

INDIANA ELECTRICAL CODE UPDATE COMMITTEE

MEETING MINUTES

Meeting Details

Date: April 27, 2022

Time: 9:00 AM

Location: Government Center South, Conference Room 29

Member Attendance

Name	Present		Means of Participation
	Yes	No	
Michael Popich	<input checked="" type="checkbox"/>	<input type="checkbox"/>	In Person
Paul Meyers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	In Person
John Luppacchino	<input checked="" type="checkbox"/>	<input type="checkbox"/>	In Person
Tim McClintock	<input checked="" type="checkbox"/>	<input type="checkbox"/>	In Person
John A. Jackson III	<input checked="" type="checkbox"/>	<input type="checkbox"/>	In Person
Stephen Culbert	<input checked="" type="checkbox"/>	<input type="checkbox"/>	In Person
Mike Patarino	<input type="checkbox"/>	<input checked="" type="checkbox"/>	NA
Lynn Madden	<input checked="" type="checkbox"/>	<input type="checkbox"/>	In Person
Randy Gulley	<input checked="" type="checkbox"/>	<input type="checkbox"/>	In Person
Charlie Eldridge	<input checked="" type="checkbox"/>	<input type="checkbox"/>	In Person

Notes

Additional information may be available at the [Committee's Web Page](#).

Also in attendance:

Dustin Dyer, Director of Boards and Commissions, IDHS

1. **Call to Order** – Chairman Popich called the meeting to order at 9:12am.
2. **Roll Call and Determination of Quorum** – Committee Members personally introduced themselves and discussed their qualifications. All were present but one. Quorum was met. See attendance record above.
3. **Approval of Minutes** --
4. **Tabled Items** – Committee members discussed how to handle tabled items. Chairman Popich suggested that items tabled from the previous meeting are appended to the end of the next meeting.
5. **Fiscal Impact Items** – Mike Patarino and Carlie Hopper submitted items to the Committee, but the items were submitted past the deadline, so they were not included in the agenda. Chairman Popich chose to include the items, as were displayed on the screen in the meeting.

Committee discussed getting formal information on the number of plan reviews submitted per year in order to have a baseline fiscal impact. Committee members discussed whether anyone had already done a fiscal impact analysis. Chairman Popich indicated that he did not believe one had been done, and that state staff had previously done a fiscal impact study. Before submission of the rulemaking.

Brian Spaulding presented additional information on Committee Member Patarino's submissions.

Chairman Popich indicated that he needs data from state staff (Plan Review) on how many CDRs were issued for new construction and what data points should be searched in order to get useful data from a review of that information.

Chairman Popich indicated that fiscal impact should be limited to submitted code changes in order to keep the project within a reasonable scope, and that we should consult with Jonathan on what staff should be doing fiscal impact analysis. NEC is unlikely to have pre-existing fiscal impact data, unlike the ICC, as no fiscal impact data is required for NEC public input submissions.

Committee Member Eldridge asked whether residential changes will be excluded from fiscal impact, since either the Electrical Code or the Residential Code can be used in Indiana. Committee Member Madden indicated that some items in the Residential Code were not given a fiscal impact analysis since NEC could be used, such as arc faults. Chairman Popich indicated that he thinks arc faults were considered and that they were considered as part of the code submission, as all items had received fiscal impact.

Committee Member McClintock indicated that it would be important to determine the true cost impact based on the minimum code requirement rather than additional safety additions.

Committee members indicated that some useful averages could be determined from Committee Member McClintock's submitted data. Committee Member Madden indicated that the 2009 Committee used year-end total permit data.

Data submitted by Carlie Hopper indicates that permits issued have increased since the 2009 data. Chairman Popich indicated that IBJ shows that housing is increasing, but is unsure whether the number of issued permits is reflective of the number of actually constructed structures. Ms. Hopper indicated that none of the numbers submitted are remodels unless the remodel was extensive enough to qualify as new construction.

Chairman Popich indicates that the end goal of this process is to determine a baseline number that the Committee can use to determine a fiscal impact change by multiplying the cost of a code change by the anticipated number of built structures, so that OMB and other fiscal oversight agencies can make an informed determination.

Committee Member indicated that it would be useful to create a list of all required data points to be created. Committee Member Madden states that only considering code minimums will create overloaded circuits, and suggests that the Committee look beyond code minimums when creating standards. Committee Member Eldridge and Chairman Popich indicate that code minimum is the minimum requirement, and that the minimum may not be sufficient for all structures, and that builders can make suggestions on upgrading past code minimums based on the type of build.

Committee Member Eldridge asked whether electric cars would be considered as part of the fiscal impact given how quickly they are being purchased in place of gasoline cars. Committee

Member Meyers indicated that some states, such as Texas, require that a new building be built “EV-ready”, which only requires that a compatible circuit be present, but Chairman Popich indicated there is no specific code requirement for them.

Committee members discussed that the purpose of updating the code is not just to comply with a new code. There are tangible goods that come from updating the code, such as health and human safety factors, saving on technology factors without having to seek a code variance, reductions in insurance costs, etc.

Committee members indicated that it was unclear whether items not currently included in the code, but included in the new code, require a fiscal impact analysis given that there is no prior base to work from. Chairman Popich suggests that such a question would be good for legal counsel, as the Committee is charged with determining the fiscal impact on the regulated industry in the first 12 months of implementation, and that historically some fiscal impact analysis has been done by state staff in reviewing the model code.

Chairman Popich suggested that perhaps it would be better for the Committee to take a less granular view and simply use the submitted information already to come up with rough estimates.

Committee Members indicated a need to create a model for commercial and industrial/institutional buildings, but no data was submitted for those. Committee Members suggested that square footage might be the best way to average those.

Shelly Wakefield suggested that schools and state-owned universities should be considered as well due to tax impact.

Number of Units for Apartments – 14,245 units
Single Family – 21,778

To Be Determined:

Commercial Structure square footage and occupancy, potentially facility use type. Perhaps search Stats Indiana from IU or RSMeans, a construction database.
Number of anticipated elevator installations.

6. **Other Committee Business** – Clarification was provided on who the Committee members may discuss code issues with outside of an official Committee meeting. DGC Guedel explained that Committee Members may discuss the code with stakeholders, but discussion between Committee members should take place during official Committee meetings.
7. May 11th – Special Meeting. 9:00am.
8. **Next Meeting – April 27th, 2022 at 9:00am**

Public notice and virtual/electronic meeting access details will be provided on the [Committee’s Web Page](#) in advance of the meeting.

9. **Closing Comments and Adjournment** – Meeting adjourned at 12:11pm.