

## **First Meeting of the North Carolina Energy Ad Hoc Committee for the 2021 International Energy Conservation Code for North Carolina Adoption**

Meeting Date: October 1, 2021, 9am – 2pm

Location: 325 North Salisbury Street, Raleigh, NC 27603

Members in Attendance in Person: Reid, Jenna, Dan, Kim, Roxanne with NCSEA (Public Participant)

Members in Attendance Virtually: Gloria, Rita, Tom, Ben, Renee, Kirby, Rob Zapple

Members Absent: David Smith and Robert Privott

### ***Mission Statement:***

***The intent is to adopt the IECC 2021 as written with as few amendments as possible.***

#### **A. Meeting Discussion Items:**

1. Assign responsibility and create groups to address the different sections of the IECC.
2. Who does not have the IECC: Tom Phoenix, Gloria, Rob Zapple,
3. Review membership roster and correct errata. (Roster sent via email).
4. Assign tasks for each section of the IECC where each group will have approximately 30 pages to review.
5. Ensure everyone has what they need from DOI to perform their review and analysis.
6. Review what we will need to finish and submit findings to the Chair and the group prior to the next meeting.
7. Review sections and flag any for further study and discussion at next meeting.
8. Review materials available to members. IECC 2021, Cost Effectiveness of ASHRAE\_Standard 90.1-2019 North Carolina, EED\_1365\_BROCH\_State Energy Codes\_States\_North\_Carolina, NAHB-Suggested-Amendments-2021-IECC, and North Carolina Residential Effectiveness\_2021\_0. (Materials sent via email).
9. Establish meeting schedule. (November 2021, January 2022, February 2022, March 2022).
10. Identify items to be discussed at next meeting and member assignments to same.
11. Establish milestones. Goal is to be complete by March 2022 for submittal at June 2022 meeting.
12. Establish procedure for voting on proposed amendments to the IECC 2021 and method to record voting by the committee members. Procedure distributed at meeting and was attached to agenda, see below.

#### **B. Meeting Notes:**

1. Climate Zone have changed in NC, 90.1 has been changed 90.1 for everything except residential. NC zones are now 3, 4, and 5. It was noted that in the new ASHRAE 90.1 of Fundamentals, counties that used to be in zone 3 now are in zone 4. With the impact of climate change there will be updates every several years with new weather data and this will change climate zones. For example, Wake county is now 3, zone 5 lost a county, and Mitchell county went to zone 4.
2. Noted that Code prescriptions are different from engineering and architectural solutions.
3. Chapter subcommittee assignments are as follows:
  - a. Chapter 3 – *Ben Edwards*, Rob Zapple
  - b. Chapter 4- Envelope – *Ben, Jenna*, Renee, Rita
  - c. Chapter 4 – Service Water heating – *Reid*, Tom, Kirby

- d. Chapter 4 – Mechanical: *Tom*, Kirby, Reid, Ben
  - e. Chapter 4 Electrical Lighting: *Kim*, Jenna, Ben
  - f. Chapter 4 building commissioning: Tom, Kim, *Kirby*, Reid
  - g. Total Building Performance: Gloria Ben Renee and *Kirby*, Jenna
  - h. Additional energy efficiency requirements: Renee, *Ben*, Kim, Tom, Rita, Gloria
  - i. Duke Energy connection will be through the governor's office
  - j. Chapter 5 – *Renee* Ben Edwards, Rob Zapple, Jenna Rita Reid
4. Make a motion to adopt the IECC 2021 as commercial code as a B item for the November meeting.
  5. Nathan Childs has a power point about council workings, MWH will ask for a pdf copy and email to anyone who wants a copy.
  6. Next meeting will be November 12 and will require a larger room, from 9 am to 12:00 pm.
  7. Other meetings schedule:
    - a. December 13 - ad hoc meeting noon to 4
    - b. January 21 – 9 am – noon
    - c. February 17 – 9 am -noon
    - d. March 14 - afternoon
  8. Ben Edwards will provide list of CMP approved addenda from ASHRAE 90.1-2019.
  9. Robert Privott which area of the IECC he wants to serve on (subcommittee).
  10. Send out list of individuals on each subcommittee.
  11. Subcommittee on net zero: Tom, Ben, Kirby, Kim.
  12. Outside air and building operations versus energy efficiency.
  13. Change to IECC conflict with minimizing outside air.
  14. ASHRAE 90.1 2019 does not address infection control (pre-covid).
  15. IECC 2021 does not address outside air to deal with infection control covid (membership vote on the 2021 IECC was made prior to covid, may need to address in this cycle).
  16. Tom moved; Jenna second meeting adjourned.

Proposed Item: ((Description))

Motion Made By (Name): ((To approve or deny))	Second Made By (Name):
Item, Discussion, and Vote:>>>>>>>	