



BOARD REPORT

TO: VILLAGE PRESIDENT & BOARD OF TRUSTEES

FROM: DANIELLE MARION, COMMUNITY DEVELOPMENT DIRECTOR

SUBJECT: DISCUSSION: ILLINOIS ENERGY CONSERVATION CODE (IECC) 2024 AND APPENDIX CC

AGENDA: August 18, 2026

DATE: August 6, 2026

ISSUE

Shall the Village Board discuss adopting the 2024 International Energy Conservation Code to include Appendix CC- Zero Energy Commercial Building Provisions.

DISCUSSION

Recently the Village adopted the 2021 International Code series, this included the 2021 International Energy Conservation Code. The Village is obligated to enforce the most recently adopted Illinois Energy Conservation Code with follows the ICC International Energy Code. The State recently adopted the 2024 IECC, therefore the Village must also update our code.

In addition to this adoption, the Board has expressed interest in also adopting Appendix CC as part of the IECC. Appendix CC is Zero Energy Commercial Building Provisions. During previous data center discussions the Board expressed desire to adopt Appendix CC and only apply these provisions to Data Centers. Appendix CC requires renewable energy be either installed on-site or procured off-site to offset the electrical load of the building. This in return will reduce the amount of carbon emissions that are produced by these buildings.

The Village is required to notify the State of any code adoptions 30 days prior to approval. Therefore, this item will need to come back for approval no less than 30 days after notifying the state.

COST

There is no cost to discuss this item.

ATTACHMENTS

Exhibit A – Proposed text amendment

RECOMMENDATION

That the Village Board discuss the proposed adoption of the IECC 2024 with Appendix CC and provide staff with direction on preparing the necessary ordinance, to include the effective date of Appendix CC.

Exhibit A

9-1-4: Energy Conservation Code:

The Village of Sugar Grove is obligated 20 ILCS 3125/1 to enforce the most recently adopted Illinois Energy Conservation Code which follows the ICC international Energy code and the American Society of Heating, Refrigeration and Air Conditioning Engineers (2016 ASHRAE) Standard 90.1 Energy Standards for building except low-rise residential buildings amendments to the Capital Development Board. Adopt in entirety 2024 IECC (Known as the Energy Code) mandated by the State of Illinois. The State does not allow changes to be made.

Also adopt in its entirety Appendix CC Zero Energy Commercial Building Provisions. This Appendix shall only apply to Data Center Uses.