

**Town of Lyons, Colorado
Board of Trustees
BOT Agenda Cover Sheet
Agenda Item No: VII.2
Meeting Date: 18 Sept, 2023**

TO: Mayor Rogin and Members of the Board of Trustees

FROM: Aaron Caplan, Director of Utilities and Engineering

DATE: Aug 21, 2023

ITEM: **Ordinance 1152 – Second Reading of An Ordinance of The Town of Lyons, Colorado Amending Section 18-6-10 of The Lyons Municipal Code Adopting by Reference the 2023 Edition of the National Electric Code As the Town of Lyons Electric Code**

ORDINANCE
 MOTION / RESOLUTION
 INFORMATION

- I. **REQUEST OR ISSUE:** Update the building section of the Lyons Municipal Code to reference the 2023 National Electric Code (NEC)
- II. **RECOMMENDED ACTION / NEXT STEP:** Host a public hearing and consider approving the Ordinance.
- III. **FISCAL IMPACTS:** There will be no fiscal impacts on the town.
- IV. **BACKGROUND INFORMATION:** Aug 1, 2023, the state of Colorado adopted the 2023 NEC. State code requires that all building departments adopt the latest NEC once the state adopts it.

Major changes from the 2020 to 2023 NEC include:

The 2023 NEC® was reorganized to consolidate all the code's defined terms into an expanded Article 100 to help users locate critical content more quickly. There are many other changes and new requirements, which include:

- **Residential Electrical Systems:** Addresses ground-fault circuit interrupters (GFCI) for specific appliances, emergency disconnects, 10-ampere branch circuits, and more.
- **Commercial and Industrial Electrical Systems:** Includes requirements for the use of "replacement panelboards," arc-fault circuit interrupter (AFCI) protection, disconnecting means in sight of luminaires using double-ended lamps to include the LED type, and other considerations.

- **Alternative Energy Systems and Energy Management:** Addresses the interconnection of distributed on-site power supplies with electric utility supplies, the delineation between storage battery, emergency storage, and photovoltaic electric systems, and more.
- **Never-before-Covered Systems and Equipment:** Covers Class 4 fault-managed circuits, hazardous locations in commercial and industrial cannabis production facilities, equipotential bonding in areas with “splash pads,” and other requirements.

V. **LEGAL ISSUES:** None

VI. **CONFLICTS OR ENVIRONMENTAL ISSUES:** None

VII. **SUMMARY AND ALTERNATIVES:** None

VIII. **PROPOSED MOTION:** “I move to approve Ordinance 1152 on reading.”