

A G E N D A



Recommendation for Council Action

Austin City Council

Item ID

74391

Agenda Number

94.

Meeting Date:

9/28/2017

Department:

Development Services

Subject

Conduct a public hearing and consider an ordinance adopting the 2017 National Electrical Code, and related local amendments.

Amount and Source of Funding

There is no financial impact for this item.

Fiscal Note

There is no financial impact for this item.

Purchasing Language:

Prior Council Action:

December 11, 2014 - Council adopted the 2014 Electrical Code with local amendments.

For More Information:

Carl Thompson, 974-2887; Jose Roig, 974-9754

Council Committee,
Boards and
Commission Action:

June 21, 2017 – Approved by the Electric Board on a 8-0 vote with Commissioner Weaver abstained and Commissioners Schmidt and Pereira absent.

MBE / WBE:

Related Items:

Additional Backup Information

The National Electrical Code provides a national standard for electrical installations associated with residential, commercial, and industrial buildings and structures. The proposed ordinance includes amendments to address local installations, and complies with the State Electrical Law and the State's adopted National Electrical Code. These changes in the local amendments can have a positive impact on housing affordability by reducing construction costs.

Significant changes for the Adoption of the 2017 National Electrical Code include:

- [Sec. 110.14\(D\) New requirement of torquing terminal connections to specifications.](#)
- [Sec. 110.16\(B\) Arc-Flash Hazard Warning Service. Equipment increased for non-dwelling unit service equipment rated 1200 amperes or more.](#)
- [Sec. 210.8 GFCI protection requirement includes crawl space receptacles.](#)
- [Sec. 210.12\(C\) AFCI protection in guest rooms and suites of hotels and motels.](#)
- [Sec. 210.64 Electrical Service Areas require a convenience receptacle within 25 feet of indoor electrical service](#)

equipment. (One and duplex family dwellings-Not required).

- Sec. 210.71 Meeting Rooms require receptacle outlets in commercial occupancies.
- Sec. 406.12 Tamper-Resistant Receptacles expanded requirement to include preschools and elementary education facilities, waiting rooms and any other places where children typically gather.

Highlights of the local amendments include:

- Several Sections that were more stringent than the National Electrical Code, have been deleted.
- Language has been added or deleted in several Sections to clarify the Code's intent.
- Romex installation limited for systems operating at a maximum of 150 volts to ground for One and two-family dwellings, Multifamily and Group R buildings of Types III, IV, and V construction.