

FISCAL ESTIMATE
DOA-2048 (R06/99)

ORIGINAL
 CORRECTED

UPDATED
 SUPPLEMENTAL

LRB or Bill No./Adm. Rule No.
Chapter Comm 16
Amendment No. if Applicable

Subject

Electrical Construction

Fiscal Effect

State: No State Fiscal Effect

Check columns below only if bill makes a direct appropriation

or affects a sum sufficient appropriation

Increase Existing Appropriation

Decrease Existing Appropriation

Create New Appropriation

Increase Existing Revenues

Decrease Existing Revenues

Increase Costs - May be Possible to Absorb
Within Agency's Budget Yes No

Decrease Costs

Local: No local government costs

1.

Increase Costs

Permissive

Mandatory

2.

Decrease Costs

Permissive

Mandatory

Increase Revenues

Permissive

Mandatory

Decrease Revenues

Permissive

Mandatory

5. Types of Local Governmental Units Affected:

Towns

Villages

Cities

Counties

Others _____

School Districts

WTCS Districts

Fund Sources Affected

GPR

FED

PRO

PRS

SEG

SEG-S

Affected Ch. 20 Appropriations

None

Assumptions Used in Arriving at Fiscal Estimate

1. The Safety and Buildings Division is responsible for administering and enforcing rules relating to the installation of electrical wiring and equipment in chapter Comm 16. The proposed rules adopt by reference the latest edition of the National Electrical Code (NEC) published by the National Fire Protection Association and clarify existing technical requirements. The proposed rules do not contain any changes in the Division's fees charged for administering and enforcing chapter Comm 16. The proposed rules will not create any additional workload costs; therefore, they will not have any fiscal effect on the division.
2. The proposed rules will not have a fiscal effect on other state agencies or local governments.
3. The proposed adoption of 2008 NEC will require the installation of tamper-resistant receptacles and arc-fault circuit-interrupter protection in all new dwelling construction. Tamper-proof receptacles cost an additional 50 cents or about 80 to 90 cents each. An average dwelling has about 80 receptacles, so the additional cost to install tamper-resistant receptacles would be \$40 per dwelling. The additional cost for each arc-fault circuit-interrupter unit is \$35 and the number to be installed varies per building. On the average, approximately five arc-fault circuit-interrupters are needed for a dwelling for a total cost of \$175. The estimated cost to install tamper-resistant receptacles and arc-fault circuit-interrupters in an average dwelling would be \$215. Labor costs are not affected by the proposal.

Long-Range Fiscal Implications

None known.

Agency/Prepared by: (Name & Phone No.)

Authorized Signature/Telephone No.

Date

Commerce/Joe Hertel (608) 266-5649

May 15, 2008