

IN THE HOUSE OF REPRESENTATIVES

HOUSE BILL NO. 662

BY STATE AFFAIRS COMMITTEE

AN ACT

1 RELATING TO THE ELECTRICAL CODE; REPEALING SECTION 54-1001, IDAHO CODE, RE-  
2 LATING TO A DECLARATION OF POLICY; AMENDING CHAPTER 10, TITLE 54, IDAHO  
3 CODE, BY THE ADDITION OF A NEW SECTION 54-1001, IDAHO CODE, TO PROVIDE  
4 FOR THE ADOPTION OF A CERTAIN ELECTRICAL CODE AND TO PROVIDE FOR CERTAIN  
5 MODIFICATIONS OF SUCH CODE; AMENDING CHAPTER 10, TITLE 54, IDAHO CODE,  
6 BY THE ADDITION OF A NEW SECTION 54-1001A, IDAHO CODE, TO PROHIBIT LO-  
7 CAL GOVERNMENTS FROM REQUIRING THE INSTALLATION OF AN ELECTRIC VEHICLE  
8 CIRCUIT AS PART OF ANY NEW HOME CONSTRUCTION; AND DECLARING AN EMERGENCY  
9 AND PROVIDING AN EFFECTIVE DATE.  
10

11 Be It Enacted by the Legislature of the State of Idaho:

12 SECTION 1. That Section [54-1001](#), Idaho Code, be, and the same is hereby  
13 repealed.

14 SECTION 2. That Chapter 10, Title 54, Idaho Code, be, and the same is  
15 hereby amended by the addition thereto of a NEW SECTION, to be known and des-  
16 ignated as Section 54-1001, Idaho Code, and to read as follows:

17 54-1001. IDAHO ELECTRICAL CODE. (1) The 2023 National Electrical  
18 Code, NFPA 70, is hereby adopted by the Idaho legislature with the following  
19 modifications:

20 (a) Section 210.8(A) shall apply in full. However, for one-family and  
21 two-family dwelling units, section 210.8(A)(1)-(12) shall be replaced  
22 as follows:

23 (A) One- and Two-Family Dwelling Units. All 125-volt, single-  
24 phase, 15- and 20- ampere receptacles installed in the locations  
25 specified in 210.8(A)(1) through (7) shall have ground-fault cir-  
26 cuit-interrupter protection for personnel:

- 27 1. Bathrooms
- 28 2. Outdoors
- 29 3. Kitchens
- 30 4. Sinks - located in areas other than kitchens where recep-  
31 tacles are installed within one and eight tenths (1.8) me-  
32 ters (six (6) feet) of the outside edge of the sink
- 33 5. Boathouses
- 34 6. Bathtubs or shower stalls - where receptacles are in-  
35 stalled within one and eight tenths (1.8) meters (six (6)  
36 feet) of the outside edge of the bathtub or shower stall
- 37 7. Indoor damp and wet locations

38 (b) Section 210.8(B)(1)-(15) is replaced as follows:

1 (B) Other Than Dwelling Units. All single-phase recepta-  
 2 cles rated 150 volts to ground or less, 50 amperes or less and  
 3 three-phase receptacles rated 150 volts to ground or less, 100  
 4 amperes or less installed in the following locations shall have  
 5 ground-fault circuit-interrupter protection for personnel:

- 6 1. Bathrooms
- 7 2. Kitchens
- 8 3. Rooftops
- 9 4. Outdoors
- 10 5. Sinks - located in kitchens and areas other than kitchens  
 11 where receptacles are installed within one and eight tenths  
 12 (1.8) meters (six (6) feet) of the outside edge of the sink
- 13 6. Indoor damp or wet locations
- 14 7. Locker rooms with associated showering facilities
- 15 8. Aquariums, bait wells, and similar open aquatic vessels  
 16 or containers, such as tanks or bowls, where receptacles are  
 17 installed within one and eight tenths (1.8) meters (six (6)  
 18 feet) from the top inside edge or rim or from the conductive  
 19 support framing of the vessel or container
- 20 9. Bathtubs and shower stalls where receptacles are in-  
 21 stalled within one and eight tenths (1.8) meters (six (6)  
 22 feet) of the outside edge of the bathtub or shower stall.

23 (c) Section 210.8(D) is replaced as follows:

24 (D) Specific Appliances. GFCI protection shall be provided for  
 25 the branch circuit or outlet supplying the following appliances  
 26 rated 150 volts or less to ground and 60 amperes or less, single- or  
 27 3-phase:

- 28 1. Automotive vacuum machines only where receptacles are  
 29 installed within one and eight tenths (1.8) meters (six (6)  
 30 feet) from the top inside edge or rim or from the conductive  
 31 support framing of the automotive vacuum machine
- 32 2. Drinking water coolers and bottle fill stations
- 33 3. High-pressure spray washing machines
- 34 4. Sump pumps

35 (d) Section 210.12(B) shall apply in full. However, in one-family and  
 36 two-family dwelling units, arc-fault circuit-interrupter protection  
 37 shall not apply.

38 (e) Section 422.5(A) is replaced as follows:

39 (A) General. Appliances identified in 422.5(A)(1) through  
 40 (A)(4) 150 volts or less to ground and 60 amperes or less, single-  
 41 or 3-phase, shall be provided with Class A GFCI protection for  
 42 personnel. Multiple Class A GFCI protective devices shall be per-  
 43 mitted but shall not be required.

- 44 1. Automotive vacuum machines only where receptacles are  
 45 installed within one and eight tenths (1.8) meters (six (6)

- 1                   feet) from the top inside edge or rim or from the conductive
- 2                   support framing of the automotive vacuum machine
- 3                   2. Drinking water coolers and bottle fill stations
- 4                   3. Cord-and-plug-connected high-pressure spray washing ma-
- 5                   chines
- 6                   4. Sump pumps

7                   (2) The 2023 National Electrical Code, NFPA 70, except as provided for  
 8 in subsection (1) of this section, together with any other amendments, re-  
 9 visions, or modifications by the Idaho electrical board through negotiated  
 10 rulemaking shall collectively constitute and be named the Idaho electrical  
 11 code. All installations in the state of Idaho of wires and equipment to con-  
 12 vey electric current and installations of apparatus to be operated by such  
 13 current, except as provided in this chapter, shall be made substantially in  
 14 accord with the Idaho electrical code.

15                   SECTION 3. That Chapter 10, Title 54, Idaho Code, be, and the same is  
 16 hereby amended by the addition thereto of a NEW SECTION, to be known and des-  
 17 ignated as Section 54-1001A, Idaho Code, and to read as follows:

18                   54-1001A. ELECTRIC VEHICLE CIRCUIT MANDATES RESTRICTED. No city,  
 19 county, incorporated or unincorporated area, special use district, or any  
 20 other local governmental entity of any kind shall require the installation  
 21 of an electric vehicle circuit as part of any new home construction.

22                   SECTION 4. An emergency existing therefor, which emergency is hereby  
 23 declared to exist, this act shall be in full force and effect on and after  
 24 July 1, 2024.