



Board of County Commissioners - Staff Report

Meeting Date: September 5, 2023 **Presenter:** Stephen Jellie/Butch Gosselin
Submitting Dept: Fire **Subject:** 2023 Electrical Code Adoption

Statement / Purpose: Approve the 2023 Electrical Code Resolution

Background / Description (Pros & Cons): Pursuant to Wyo. Stat. §35-9-121 the BCC may adopt an electrical code. The Board of County Commissioners authorized the start of the 45-day public comment period on the proposed 2023 Electrical Code Resolution. Notice was published in the weekly edition of the Jackson Hole News and Guide. The new code will go into effect on October 1, 2023.

The 2023 Electrical Code Resolution adopts the 2023 National Electrical Code (NEC) with the changes as delineated in the resolution. The 2023 Electrical Code Resolution also updated the fees charged as discussed previously with the Board of County Commissioners earlier this year.

Legal Review: Gingery

Staff Input / Recommendation:

No public comment was received.

Approve

Attachments:

2023 Electrical Code Resolution

Suggested Motion: I move to approve 2023 Electrical Code Resolution for Teton County, Wyoming that includes the adoption of the 2023 National Electrical Code with amendments as delineated in the resolution.

2023
**ELECTRICAL CODE
RESOLUTION TETON COUNTY,
WYOMING**

Section 1. Title. This resolution shall be known as the 2023 Electrical Code Resolution of Teton County, Wyoming.

Section 2. Authority. The Electrical Code Resolution of Teton County is authorized by Wyo. Stat. §35-9-101 through 35-9-131, as amended and Wyo. Stat. §18-5-201 through 18-5-208. Specifically the National Electrical Code is adopted pursuant to Wyo. Stat. §35-9-121.

Section 3. Purpose. This chapter is enacted to safeguard life or limb, health, and the public safety and welfare and the protection of property by regulating and controlling the construction, alteration, removal, demolition, equipment, materials, maintenance, use and occupancy of all buildings and premises within the unincorporated portions of Teton County.

Section 4. Jurisdiction. The territorial jurisdiction of this chapter shall include all of the unincorporated lands within Teton County.

Section 5. Interpretation. In their interpretation and application, the provisions of this resolution shall be held to be minimum requirements. No provision of this resolution is intended to repeal, abrogate, annul, impair or interfere with any existing resolution of the County, except as is specifically repealed by adoption of this resolution, provided that where any provision of this resolution imposes more stringent regulations, requirements, or limitations than are imposed by any other resolution of Teton County, or any statute of the State of Wyoming, or regulation of any of its departments, then the provisions of this resolution shall govern.

Section 6. Repeal of 2008/2011/2014/2017/2020 NEC Code. With the adoption of the 2023 NEC Code, the previously used 2008 NEC Code, 2008 Electrical Code Resolution, 2011 NEC Code, 2011, Electrical Code Resolution, 2014 NEC Code, 2014 Electrical Code Resolution, 2017 NEC Code, 2017, Electrical Code Resolution, 2020 NEC Code, 2020 Electrical Code Resolution Electrical Code Resolution are repealed.

Section 7. Adoption of 2023 National Electrical Code (NEC). The following code is adopted:

A. The National Electrical Code, including Tables, Appendices and Uniform Administrative Code Provisions, by references, 2023 Edition, NFPA 70 (a document of the National Fire Protection Association, Inc.) with the following amendments:

**1. ARTICLE 230, Services, SECTION VI, Service Equipment –
Disconnecting Means, SUBSECTION 230.7, (A), (1) Readily Accessible
Location.**

The service disconnecting means shall be installed outside of the building or structure at a readily accessible location. Exception: Services of 300 amp or less with line to line meter sockets with the service disconnect directly behind the meter base and connected to the meter base with rigid conduit are allowed

to have service disconnect inside the building. Feeders to other buildings or structures are required to have a disconnect on the exterior.

2. replace with:

The service disconnecting means shall be installed outside of the building or structure it serves at a readily accessible location. Feeders to other buildings or structures are required to have a disconnect on the exterior. If installed in an enclosure (Doghouse), doors must be hinged and a maximum free space of 6 inches from face of largest equipment to back side of door. (This is not a storage space)

3. **ARTICLE 250, Grounding, SECTION III, Grounding Electrode System and Grounding Electrode Conductor, SUBSECTION 250.52, (A), (3) Concrete- Encased Electrode, Add sentence:**

All services over 200 amperes in size shall have at least 20 ft in length of bare copper conductor sized in accordance with Table 250-66 installed in the foundation footers and with enough length added to connect in the main disconnect.

4. **ARTICLE 300, Wiring Methods, SECTION I, General Requirements,
SUBSECTION 300.1, Scope, SUBSECTION (A) All Wiring
Installations, Add:**

All electrical wiring installed in buildings, structures or premises designed using the International Building Code located in Teton County shall be installed in accordance with the following wiring methods:

1. Article 320, Armored Cable: Type AC
2. Article 330, Metal-Clad Cable: Type MC
3. Article 332, Mineral-Insulated, Metal-Sheathed Cable: Type MI
4. Article 342, Intermediate Metal Conduit: Type IMC
5. Article 344, Rigid Metal Conduit, Type RMC
6. Article 348, Flexible Metal Conduit, Type FMC
7. Article 350, Liquid-tight Flexible Metal Conduit: Type LFMC
8. Article 358, Electrical metallic Tubing: Type EMT

Electrical Construction Fees

Electrical Construction Permit Fees

Electrical Construction Permit Fees will be established based on valuation of the systems and equipment and installation as listed below:

ELECTRICAL FEE SCHEDULE Valuation of Electrical Work

		<u>Fee</u>		<u>Fee</u>		<u>Fee</u>	
1.00	to	500.00	36.00	1,700.01 to	1,800.00	97.00	12,000.01 to
500.01	to	600.00	41.00	1,800.01 to	1,900.00	102.00	13,000.01 to
600.01	to	700.00	46.00	1,900.01 to	2,000.00	107.00	14,000.01 to
700.01	to	800.00	50.00	2,000.01 to	3,000.00	121.00	15,000.01 to
800.01	to	900.00	55.00	3,000.01 to	4,000.00	140.00	16,000.01 to
900.01	to	1,000.00	60.00	4,000.01 to	5,000.00	158.00	17,000.01 to
1,000.01	to	1,100.00	64.00	5,000.01 to	6,000.00	177.00	18,000.01 to
1,100.01	to	1,200.00	69.00	6,000.01 to	7,000.00	196.00	19,000.01 to
1,200.01	to	1,300.00	74.00	7,000.01 to	8,000.00	215.00	20,000.01 to
1,300.01	to	1,400.00	79.00	8,000.01 to	9,000.00	234.00	21,000.01 to
1,400.01	to	1,500.00	83.00	9,000.01 to	10,000.00	253.00	22,000.01 to
1,500.01	to	1,600.00	88.00	10,000.01 to	11,000.00	271.00	23,000.01 to
1,600.01	to	1700.00	93.00	11,000.01 to	12,000.00	290.00	24,000.01 to

25,000.01 to 50,000.00 \$555.00 for the first \$25,000.00 plus \$10.62 for each additional \$1,000.00 or fraction thereof, to and including \$50,000.00

50,000.01 to 100,000.00 \$820.50 for the first \$50,000.00 plus \$7.10 for each additional \$1,000.00 or fraction thereof, to and including \$100,000.00

100,000.01 and up \$1,175.50 for the first \$100,000.00 plus \$5.89 for each additional \$1,000.00 or fraction thereof

Temporary Services A fee of \$65.00 will be charged for all temporary services to be connected.

Work started before the permit was issued.	\$ 2X times the permit fee
Re-inspection Fees	\$100.00 Per hour ¹ .
Inspections for Which No Fee is Indicated	\$100.00 Per hour ¹ ; minimum ½ hour charge
Additional Plan Review	\$100.00 Per hour ¹ ; minimum ½ hour charge; for review required by changes, additions or revisions to plans.
Use of Outside Consultants	Actual Costs ²
Electrical Plan reviews	65% of Permit Fee
Failed Final Inspection Fee	\$100.00

1. Or the total hourly cost to the jurisdiction, whichever is greatest. The cost shall include supervision, overhead, equipment, hourly wages and fringe benefits for the employees involved. Minimum charge is one hour.
2. Actual costs include administrative and overhead costs.

Section 5. Authority Having Jurisdiction. The “authority having jurisdiction” charged with enforcement and interpretation of this code is hereby defined and declared to be the JH Fire/EMS Chief Electrical Inspector, as appointed by the Chief of Jackson Hole Fire/EMS.

Section 6. Enforcement. It shall be the duty of the Chief Electrical Inspector to enforce the provisions of this resolution and to make inspections and test hereunder.

Section 7. Date of Effect. This resolution shall take effect and be in force from October 1, 2023

TETON COUNTY, WYOMING

Luther Propst, Chair
Teton County Board of County Commissioners

Attest:

Maureen E. Murphy Teton County Clerk