Bow Tie Solutions Expands Electrical Services to Address Growing Lighting Installation Demands

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PEA RIDGE, AR - January 08, 2026 -
Bow Tie Solutions, a Pea Ridge-based electrical contracting company, has expanded its residential electrical services to meet increasing demand for modern home electrical upgrades throughout Northwest Arkansas. The expansion comes as homeowners increasingly seek professional electrical solutions for aging infrastructure and contemporary power requirements.

The company's enhanced residential services focus on comprehensive electrical system evaluations and upgrades, particularly for homes built before 2000. Recent industry data indicates that approximately 60 percent of homes constructed before the turn of the century operate with electrical infrastructure that falls short of current safety standards and power requirements.

"Homeowners often underestimate the strain that modern appliances and technology place on older electrical systems," said Bill Towler, senior electrical contractor at Bow Tie Solutions. "Regular electrical assessments identify potential hazards before they become dangerous, particularly in homes where original wiring has

been in service for several decades. Our expanded services ensure that residential properties meet National Electrical Code standards while accommodating contemporary electrical demands."

Bow Tie Solutions Residential Electrician services now encompass complete electrical system assessments that examine panel capacity, circuit load distribution, grounding systems, and overall wiring condition. The company's certified electricians provide detailed reports outlining current system status and necessary improvements, helping homeowners make informed decisions about their electrical infrastructure.

The expansion addresses a critical need in Northwest Arkansas, where rapid residential growth and aging housing stock create unique electrical challenges. Many homes in Benton, Madison, and Washington counties require electrical panel upgrades to safely handle the power demands of modern households. The company frequently encounters electrical panels that cannot accommodate contemporary electrical loads, necessitating comprehensive updates to ensure safety and functionality.

The residential electrical service expansion also addresses the growing demand for electric vehicle charging stations, smart home systems, and energy-efficient lighting solutions. These modern electrical requirements often exceed the capacity of older residential electrical systems, making professional evaluation and upgrade services essential for homeowner safety and convenience.

Bow Tie Solutions Electrical Wiring services include complete rewiring when necessary, replacing outdated materials with modern copper wiring and proper insulation that meets current safety codes. The company's technicians specialize in upgrading aluminum wiring systems commonly found in homes built during the 1960s and 1970s, which present particular safety concerns due to oxidation and connection issues.

Bow Tie Solutions has served the Northwest Arkansas region for over four decades, establishing a reputation for reliable electrical contracting services. The company provides residential and commercial electrical installation, generator maintenance and installation, automated gate installation, metal fabrication, and welding services throughout the region. Their team of licensed electricians maintains certifications in current electrical codes and safety standards, ensuring that all work meets or exceeds industry requirements.

The expanded residential electrical services represent the company's commitment to addressing evolving electrical needs in Northwest Arkansas communities. As homes age and electrical demands increase, professional electrical evaluation and upgrade services become increasingly critical for maintaining safe and functional residential properties.

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For more information about Bow Tie Solutions, contact the company here:Bow Tie SolutionsBill Towler(479)

426-4740hellowbowtiesolutions@gmail.comBow Tie SolutionsPea Ridge, AR 72751

Bow Tie Solutions

Your full service electrical, automatic gate & welding company serving all of NW Arkansas, NE Oklahoma & SW Missouri.

Website: https://bowtiesolutionsar.com/

Email: hellowbowtiesolutions@gmail.com

Phone: (479) 426-4740

