

Bow Tie Solutions Residential Electrician Announces Comprehensive Electrical Safety Initiative

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PEA RIDGE, AR - October 01, 2025 -
Bow Tie Solutions, a Pea Ridge-based electrical contracting company, announced today the launch of a residential electrical safety initiative designed to address aging infrastructure concerns and increased power grid instability affecting Northwest Arkansas homeowners.

The initiative comes in response to recent utility data showing a 35 percent increase in power surge incidents across Benton, Madison, and Washington counties over the past eighteen months. The program includes systematic electrical assessments, surge protection installations, and panel modernization services for residential properties throughout the region.

"Northwest Arkansas has experienced significant growth in residential development while much of the existing housing stock still operates on electrical systems installed decades ago," said Bill Towler, owner of Bow Tie Solutions. "This initiative provides homeowners with access to current electrical safety technologies and helps identify potential hazards before they result in property damage or safety incidents."

The company has allocated resources for additional technician training in residential electrical diagnostics and modern protection systems. The initiative encompasses electrical system evaluations, code compliance assessments, and implementation of protection measures tailored to individual property requirements.

Bow Tie Solutions Residential Electrician services under the new initiative include diagnostic testing of existing electrical infrastructure, identification of outdated components, and installation of surge protection devices. The program addresses common residential electrical issues including overloaded circuits, outdated wiring, and inadequate grounding systems that may pose risks to modern electronic equipment.

The safety initiative incorporates a structured approach to residential electrical upgrades, beginning with comprehensive system analysis and documentation of existing conditions. Technicians evaluate panel capacity, circuit loading, and wiring condition to develop specific recommendations for each property.

Bow Tie Solutions Electrical Wiring assessments form a core component of the initiative, with technicians examining both visible and concealed wiring systems for signs of deterioration, improper installation, or code violations. The company has developed standardized inspection protocols based on National Electrical Code requirements and industry safety standards.

Recent weather events in Northwest Arkansas have highlighted vulnerabilities in residential electrical systems. Lightning strikes and ice storms have caused widespread power disruptions, with many homes experiencing equipment damage from voltage fluctuations when power is restored. The initiative addresses these vulnerabilities through installation of whole-home surge protection and panel upgrades designed to handle modern electrical loads.

The program also includes educational components for homeowners, providing information about electrical safety practices, warning signs of electrical problems, and maintenance recommendations. This educational approach aims to reduce electrical-related incidents and help homeowners make informed decisions about electrical system upgrades.

Bow Tie Solutions operates as a licensed electrical contractor serving Northwest Arkansas for over four decades. The company maintains certifications for residential, commercial, and industrial electrical work. Services include new construction wiring, renovation projects, generator installations, and emergency electrical repairs. The company employs licensed electricians who receive ongoing training in electrical codes and safety procedures.

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