Utah Home Electric Expands Smart Home Integration Services as Electrician Demand Surges

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Utah Home Electric, a licensed electrical contractor serving Utah County and Salt Lake County, has expanded its smart home integration and electric vehicle charging installation services to meet growing homeowner demand for connected home technology and sustainable transportation infrastructure.

The expansion comes as Utah homeowners increasingly seek professional electrical contractors to modernize their homes with smart automation systems and prepare for electric vehicle adoption. The company now offers comprehensive smart home wiring services that include installation of automated lighting controls, voice-activated systems, motorized shades, and whole-home integration platforms, alongside Level 2 EV charger installations for all major electric vehicle brands including Tesla and Rivian.

"The shift toward smart home technology and electric vehicles has accelerated dramatically over the past two years, and many homeowners are discovering their existing electrical systems need significant upgrades to support these technologies," said Cameron Ashby, spokesperson of Utah Home Electric. "We're seeing particular demand for electrical panel upgrades and whole-house rewiring projects as foundational improvements that enable these modern conveniences while ensuring home safety."

The company's smart home wiring service follows a structured process beginning with an initial consultation to assess the home's current electrical capacity and the homeowner's automation goals. Professional electricians then design a customized wiring plan that accommodates smart devices, automation hubs, and connected systems throughout the property. Installation includes dedicated circuits for high-demand devices, proper grounding for sensitive electronics, and integration with existing home infrastructure.

For electric vehicle owners, the company provides complete Level 2 charging station installations, which typically deliver 25 to 30 miles of range per hour of charging compared to standard 120-volt outlets that provide only 3 to 5 miles per hour. The installation process includes electrical panel assessment, dedicated circuit installation, proper grounding and surge protection, and compliance with local building codes and permit requirements.

Electrical panel upgrades remain a critical component of both smart home and EV charger installations. Many Utah homes built before 2000 have 100-amp or smaller electrical panels that cannot safely support the additional load from modern appliances, smart home systems, and vehicle charging equipment. The company reports that panel upgrade requests have increased alongside smart home and EV charger inquiries, as homeowners recognize the need for adequate electrical capacity.

"Whether installing a single smart thermostat or creating a fully automated home environment, the electrical infrastructure must be properly configured to handle the load and provide reliable performance," added Ashby. "This often means starting with fundamental improvements like panel upgrades or rewiring older sections of the home before adding advanced features."

Utah Home Electric maintains a team of licensed and insured electricians trained in the latest electrical codes and safety standards. The company provides services throughout Utah County and Salt Lake County, offering same-day emergency repairs alongside scheduled installations. All work includes testing, inspection, and quality guarantees to ensure long-term reliability and safety compliance.

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Utah Home Electric

Utah Home Electric is a residential electrical contractor company based in Provo, Utah. All electricians are licensed, insured, and committed to doing electrical work the right way.

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