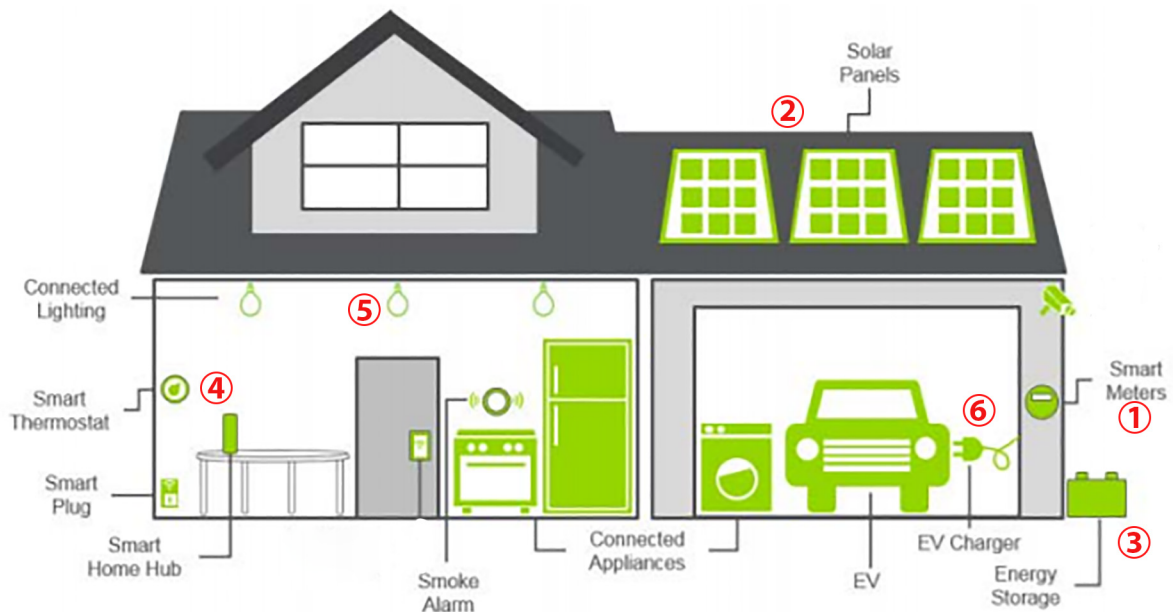


# Smart Energy Applications

- 1) **Smart Metering** – KGT Relays and Current Transformers (CTs) are the leading solution for Smart Metering applications. With decades of experience, KGT is a market leader in delivering high-quality application specific solutions for smart energy metering.
- 2) **Renewable Energy** – With both the cost of energy and energy usage increasing, more and more homeowners and businesses are turning to Distributed Generation (DG) to offset their energy needs. KGT Relay, CTs, and Smart Circuit Breakers enable switching, measurement and protection of renewable energy resources, a benefit to homeowners, utilities, and businesses all along the renewable energy value chain.
- 3) **Home Energy Storage & Energy Gateway** – With higher penetration of distributed generation, distributed energy resources, such as on-site energy storage, become a necessity to help manage excess energy production. KGT's latching and power relays are a popular choice for microgrid and energy gateways.
- 4) **Consumption Monitoring** – Understanding energy usage patterns and trends are important to utilizing energy efficiently and responsibly. KGT offers a wide array of CT's for monitoring energy usage so that energy consumption can be measured
- 5) **Home-Automation & Load Control** – Due to their design, latching relays are inherently more energy efficient for controlling loads, which is important when designing an energy efficient and power curtailment systems. KGT's Smart Circuit Breakers provide an all-in-one energy management solution.
- 6) **EV Charging** – KGT Latching relays are becoming a first choice for EV Charging station's protection systems. KGT's energy management solutions are a great option for commercial charging stations. HVDC contactors are also available for EV fast charging and main relay applications.

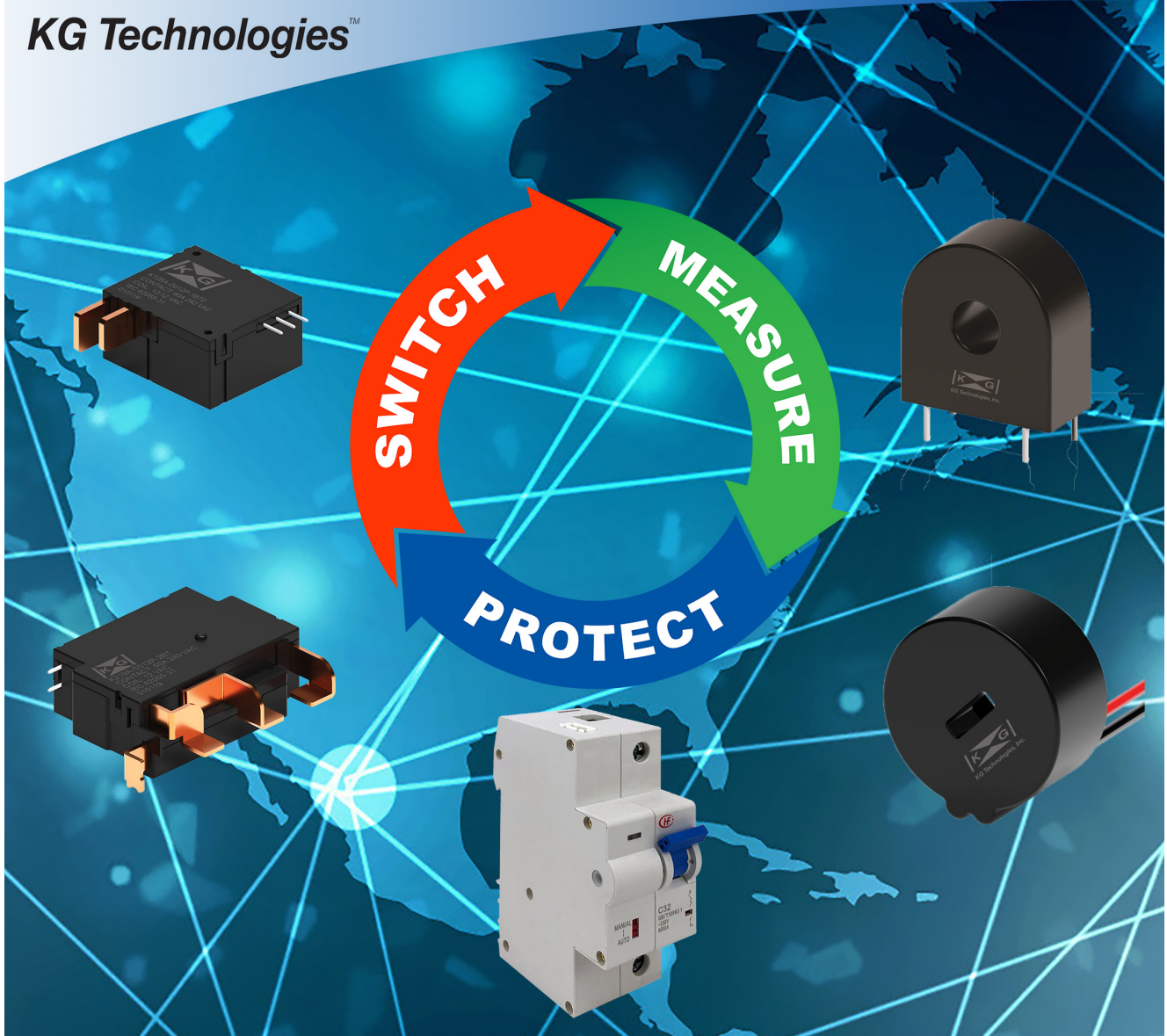


(Image Source: Navigant Research)

For more information on "How KGT can enable your Smart Energy Solutions, please contact [info@KGTechnologies.net](mailto:info@KGTechnologies.net) or call 1-888-513-1874



**KG Technologies™**



**KG Technologies Delivers All Your Needs in One Solutions**

KG Technologies, the leading provider of latching relays, current transformers and smart circuit breakers, is raising the bar for quality, value, and service. We welcome the challenge of delivering high quality global standard solutions customized for your energy management needs.

We work with you so that our products work for you!

**World Class Energy Management Solutions**

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