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Hoffman Power Consulting Article Featured on *Microgrid Knowledge*
CEO's Article Asks: "Can a Microgrid be a Resilience Superhero?"

Palo Alto, CA: October 9, 2020 – *Microgrid Knowledge* today featured a [Hoffman Power Consulting](#) (HPC) article on the resilience benefits of microgrids. The article, entitled "[Can a Microgrid be a Resilience Superhero?](#)" will continue to run on the home page of the microgrid industry leading website for one week.

Authored by HPC's CEO Steve Hoffman, the article explains how a microgrid itself enhances electric power resilience, and can integrate five additional resilience solutions. "The goal is to realize the most resilience bang for the microgrid buck," says Hoffman.

In the article, Hoffman describes some of these approaches and how their integration into the microgrid helps enhance resilience to wildfires and extreme weather. These threats increased in frequency and severity in 2020.

One example is increasing the energy efficiency of buildings in the microgrid. The article explains that, compared to inefficient buildings, efficient ones need less generation and storage to power them when the microgrid is in island mode – improving the microgrid's resilience.

A second example is incorporation of distributed renewable generation and storage. Rooftop photovoltaics arrays and distributed wind power – supported with local storage – are resilient because they do not rely on fuels from outside of the microgrid. Other resilience solutions that can be part of the microgrid include vehicle-to-building and vehicle-to-microgrid storage and intra-microgrid demand response. Naturally resilient solutions, such as white roofs (to reflect heat) and urban tree canopies (to reduce heating load), can also play an important role.

Another benefit of integrating these additional resilience solutions into the microgrid is that "regulatory agencies and city councils tend to like them, which can aid the project approval process," Hoffman explains.

The article is based on HPC's [in-depth assessment of microgrids](#) performed earlier in the year, which is available at no cost on its corporate website.

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About Hoffman Power Consulting: Established in 1985, [Hoffman Power Consulting](#) (HPC) of Palo Alto, CA specializes in producing customized thought leadership, business, and marketing materials on electric power resilience to wildfires, severe weather, cybersecurity attacks, and other threats. The firm has written more than 1000 custom deliverables for its clients in the electric power industry. HPC helps companies that offer electric utilities resilience products and services to differentiate their offerings, demonstrate industry leadership, enhance marketing and communication effectiveness, and grow their client base and revenue.

For More Information

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