POWERSTACK™

Light Connect

Bringing sustainably powered connectivity and lighting to the park of San Marcos

"When we saw the project requirements, we knew PowerStack would be an efficient, not to mention good-looking, way to get power to the park sites.

A sustainable power source that could be deployed without digging up park spaces and interrupting access, it was the perfect solution for this project."

Eric Aronson, CEO - BrightWatch

Learn more

Solar Reimagined.

POWERSTACK™

City of San Marcos, TX

Challenge: The City of San Marcos were looking to deploy free wi-fi connection spots across a number of public parks. They wanted a solution that was sustainable in nature, and could be deployed with minimal disruption to the operation of the spaces. The city's IT department contracted BrightWatch to help design a solution.

Solution: BrightWatch suggested using PowerStack vertical solar power poles as a way to create micro-grids for the wifi routers. The poles are 100% off-grid, so represented a sustainable power option. A 25ft PowerStack pole was installed across the five chosen locations, powering an LTE-M network router to provide free wi-fi connectivity. Each pole also had an integrated LED light arm with dark-sky compliant operation, to enhance the safety and usability of the area in dusk/dark conditions.

Benefits: Installed quickly and without the need for heavy machinery, the solar pole minimized any disruption or downtime for park operation. The PowerStack systems created green infrastructure for the parks, without compromising on reliability or the aesthetic. Additionally as PowerStack is brand and technology agnostic, the City and the integration and design teams had full choice over their required devices and application.

Brand and technology choice

100% off-grid green energy

Minimized disruption

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