Microgrids: Advancing the energy transition

The benefits of microgrids are more apparent than ever: greater power reliability and resiliency, more efficient energy delivery to support critical operations, and the potential to deploy renewable sources of energy.

WSP USA plans, designs and develops microgrids to support the needs of diverse residential, institutional and educational facilities. We support communities that need to protect the power supply in the event of grid outages, while also pursuing sustainability goals.

Some of our projects were initiated following damage from Superstorm Sandy and Hurricanes Irma and Maria. Others are aimed at meeting strategic objectives such as reducing emissions or maintaining power reliability. Our solutions help clients plan and develop systems to meet critical day-to-day needs for normal and emergency operations over the long term.

OUR SERVICES

WSP has a deep understanding of the benefits that microgrids provide in diverse situations, combined with a “life cycle” perspective for optimal comprehensive solutions. Microgrids promote energy reliability and independence while meeting day-to-day needs for individual facilities or whole communities. WSP has supported clients with a range of tasks, from feasibility studies to cost-benefit analyses, to design services and advisory support during project implementation.

Our work on microgrids is part of our Future Ready® approach: anticipating future conditions; integrating future trends into our work; and helping clients develop industry-leading innovations. Whether it is a distributed energy project or a building integrated microgrid design, we work on projects of varying scale, leveraging global expertise with the right local solution to meet client objectives.

Microgrids are an effective solution for a range of applications including EV charging needs.
ABOUT WSP

WSP USA is the U.S. operating company of WSP, one of the world’s leading engineering, environment and professional services firms. Recognized on Fast Company’s Brands that Matter List for 2022 as a top Community-Minded Business, WSP USA brings together engineers, planners, technical experts, strategic advisors and construction management professionals who are dedicated to collaborate in the best interests of serving local communities. WSP USA designs lasting solutions in the buildings, transportation, energy, water and environment markets. With more than 15,500 employees in 300 offices across the U.S., WSP partners with its clients to help communities prosper.

CONTACT US

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