



## **SPIDERS MICROGRID TEAM SELECTED FOR TWO PRESTIGIOUS AWARDS FROM U.S. DEPARTMENT OF ENERGY AND DEPARTMENT OF DEFENSE**

For Immediate Release

Fort Montgomery, N.Y. – September 2016 – IPERC (Intelligent Power & Energy Research Corporation), the industry leader in cybersecure, intelligent microgrid controls solutions for military and commercial applications, has received notice that the microgrid team for the Smart Power Infrastructure Demonstration for Energy Reliability and Security (SPIDERS) projects has been selected for two prestigious awards from government agencies in the area of energy and water conservation. The U.S. Department of Energy presented the *Federal Energy and Water Management Award* and the Department of Defense presented the *Joint Capabilities Technology Demonstration Team of the Year* to the entire SPIDERS project team for outstanding project development.

The 2016 Federal Energy and Water Management award is presented annually by the U.S. Department of Energy to the project that demonstrates the greatest progress toward meeting federal energy management goals by reducing energy costs and implementing innovative practices and technologies. This year's award recognizes years of engineering and development toward operational, cybersecure microgrids on three military bases: Joint Base Pearl Harbor Hickam, HI; Fort Carson, CO; and Camp Smith, HI.

The Joint Capabilities Technology Demonstration (JCTD) Team of the Year award is also presented annually to the U.S. Government project team that most successfully accomplishes the programs goals stipulated for the project. For 2015, the SPIDERS team was recognized for the ground-breaking technology innovations introduced in the three installed microgrids.

These are the fourth and fifth awards for the SPIDERS program, the others being the 2015 JCTD of the Year selected by the Assistant Secretary of Defense for Research and Engineering, the 2015 Engineering Excellence Award selected by the American Council of Engineering Companies, and the 2014 Fort Carson Sustainability Award as part of the U.S. Army's Net Zero program.

IPERC's innovative and industry-leading cybersecure microgrid control system, the GridMaster™, was a critical part of all three phases and is currently operational at all three locations. Designed to provide unparalleled energy resiliency and cybersecurity, the IPERC GridMaster control system is also the only microgrid control system to obtain an Authority-to-Operate (ATO) from the Department of Defense. An ATO is validated through extensive penetration testing and installation of approved secure control architecture.

"Both of these awards recognize the innovative thinking and hard work of the entire SPIDERS development team", said Erik Svanholm, Chief Executive Officer of IPERC. He continued, "We are proud to have been a member of the SPIDERS team from start to finish. We greatly enhanced the military's energy resiliency and security involving critical wastewater treatment, data center operations, and command continuity at key sites. The SPIDERS project was a huge success and is today's model for cybersecure microgrids at mission-critical facilities, for the military and beyond."



#### **ABOUT IPERC**

IPERC provides cybersecure intelligent microgrid solutions that maximize efficiency, enhance energy security and resiliency, and reduces overall energy consumption. IPERC's cybersecure, collaborative-intelligence software and compact, field-tested hardware form a complete distributed controls solution that is inherently more robust, more adaptable and more secure than any alternative on the market. The IPERC team is comprised of experts in energy control systems and cybersecurity, as well as in microgrid assets such as generators, solar power, and energy storage. With this diverse expertise, IPERC is able to tailor solutions to meet each client's unique needs. IPERC is a wholly-owned subsidiary of S&C Electric Company. For more information, visit [www.IPERC.com](http://www.IPERC.com) or contact John Carroll at [john.carroll@IPERC.com](mailto:john.carroll@IPERC.com)