



## **IPERC Announces New Department of Defense Cybersecurity Authorization to Operate (ATO) for GridMaster® Microgrid Control System**

For Immediate Release

Longmont, Colorado— July 26, 2017 – [IPERC \(Intelligent Power & Energy Research Corporation\)](#), the industry leader in cybersecure, intelligent microgrid controls solutions for military, utility and commercial applications, has announced that the Department of Defense (DoD) has authorized the company's GridMaster® microgrid control system at Fort Carson Army Post, Colorado under the Risk Management Framework (RMF). The ATO was issued after rigorous security assessments and authorizes full operation of the installation's microgrid to support mission-critical buildings and assets. IPERC led the design of controls, communications, and cybersecurity for this and other phases of the [SPIDERS \(Smart Power Infrastructure Demonstration for Energy Reliability and Security\)](#) program. The Fort Carson ATO follows an ATO granted to the microgrid control system at Marine Corps Base Camp Smith, Hawaii, and further demonstrates IPERC's unique position in offering US Military installations a cybersecure microgrid control solution that can be installed and authorized faster and more cost-effectively than other vendors' systems.

A Security Control Assessment Validation Team from the U.S. Army Corps of Engineers Research and Development Center conducted the testing and evaluation of the GridMaster's security posture for the Army's Fort Carson Department of Public Works. The assessment included technical and non-technical compliance with a wide variety of DoD and Army cybersecurity regulations, all of which the GridMaster met or exceeded.

The GridMaster's authorization is based on the Risk Management Framework (RMF) standards for security requirements and risk assessment procedures, developed by the National Institute of Standards and Technology (NIST). In addition, IPERC fully supports the implementation of NERC CIP v5, NISTIR 7628, and IEC 62443 cybersecurity standards in the deployment of GridMaster for customer projects. The IPERC system's broad and deep array of security features extends beyond current best practices for sophisticated applications, and GridMaster remains the only microgrid control system to have been granted Authorization to Operate (ATO) by the DoD.

According to Dr. Darrell Massie, Founder and CTO of IPERC, "The Authorization to Operate at Fort Carson is another tangible example of IPERC's industry leadership in implementing cybersecure microgrid control solutions. We are now transferring these cybersecurity achievements to additional market segments, such as utilities and municipalities, and we are confident that GridMaster-controlled microgrids will exceed operational objectives and security requirements for a wide range of facility types."



## **ABOUT IPERC**

IPERC provides a cybersecure, intelligent microgrid control system that maximizes efficiency, enhances 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 system 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 tailors solutions to meet each client's unique needs. As of August 2016, IPERC is a wholly-owned, independently-operated subsidiary of S&C Electric Company. For more information, visit [www.IPERC.com](http://www.IPERC.com) or contact Brad Luyster at [brad.luyster@IPERC.com](mailto:brad.luyster@IPERC.com).