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**FOR IMMEDIATE RELEASE**

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**ADVANTICA ADDS ARC FLASH CALCULATION TO SYNERGEE**  
New addition increases workplace safety

**MECHANICSBURG, Pa. (Dec. 6, 2006)** – Advantica has added a valuable arc flash calculation tool to its SynerGEE® Electric software to help engineers develop strategies to minimize burn injuries resulting from arc flash incidents.

Housed in SynerGEE's robust Protection Coordination module, the new arc flashover analysis is based upon the Institute of Electrical and Electronics Engineers (IEEE) 1584-2002 standard and fully integrated into the core electric software like other SynerGEE analyses.

Advantica's arc flash analysis determines the amount of potential current flow through a point in a distribution or transmission system and the time required for the nearest upstream protective device to function in the event of a fault. Engineering strategies emerging from arc flash analysis may include personal protective equipment (PPE) rating specifications, de-energizing the work area, using arc-resistant switchgear or applying alternate engineering techniques and work practices.



MORE – MORE – MORE

“Arc flash potential has existed since the inception of the electrical plant. We’re working to help utilities calculate incident hazards and create a safer working environment,” said Larry Trussell, Ph.D., Advantica Principal Electrical Engineer.

SynerGEE’s arc flashover analysis supports standards set forth by IEEE, the National Fire Protection Agency (NFPA) and a National Electrical Safety code (NESC<sup>®</sup>) requirement for utilities to calculate arc flash boundaries. The industry principles have been established to help utilities determine the appropriate type of protective gear to be worn and the distance at which equipment can be safely operated in hazardous environments.

Built by power engineers for power engineers, SynerGEE offers reliable and comprehensive analyses for planning, protection, reliability and operations engineering on radial, looped and meshed distribution networks.

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**Note to Editors:** Advantica is dedicated to enabling the owners and operators of energy and utility assets, through use of advanced technologies and systems solutions, to more successfully plan, manage and leverage their assets to achieve their business vision. Advantica offers two families of asset integrity solutions, one focused on the through-life understanding of the condition of operating assets and one on the safety of operating assets. The company also offers two families of performance improvement solutions, one focused on ever-improving best planning and design, and one on operation of network assets. We satisfy the unique requirements of each client through the appropriate combination of professional services, including consultancy, and Stoner Software™ products.