



**FOR IMMEDIATE RELEASE**

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## **MOCA Developing Virtual Net Zero Energy Test Bed with CERL**

**NEWTON, Mass. – July 18, 2011** – MOCA Systems, Inc. (MOCA) is pleased to announce the award of a Cooperative Research and Development Agreement (CRADA) with the U.S. Army Corps of Engineers' Construction Engineering Research Laboratory (CERL). Through this CRADA, MOCA and CERL will jointly develop the "Virtual Net Zero Energy (NZE) Test Bed" over a four-year period.

MOCA and CERL will unveil an initial prototype of the Virtual NZE Test Bed at the GovEnergy conference in Cincinnati in August 2011. The prototype will provide the initial costs of implementation and the expected savings in energy costs (through regional utility contract rates and terms).

The Virtual NZE Test Bed will provide agencies with an ability to create comprehensive plans through the identification and cost estimation of the optimal conservation measures to meet their goals. The application will provide a holistic approach to installation energy and sustainability management by integrating energy management into Operations & Maintenance/SRM for asset optimization. It will enable the optimization of energy generation, reuse, and conservation strategies using non-linear network energy models and the development of clustering algorithms for identifying and configuring facilities with complementary energy consumption profiles.

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### **About MOCA Systems**

MOCA Systems, Inc. provides innovative program lifecycle management services to clients around the world using process improvement methods and advanced technology. Established in 1999, MOCA is a nationally recognized firm that has supported the delivery and management of over \$30 billion in facility and infrastructure systems. To learn more about MOCA, please visit [www.mocasystems.com](http://www.mocasystems.com).