

## **Richards-Zeta, esteemed member of the NewEnergy Alliance<sup>SM</sup>**

Santa Barbara, CA - November 20, 2007

The NewEnergy Alliance<sup>SM</sup> is an organization founded by Constellation NewEnergy that includes leading equipment manufacturers, building automation companies, system integrators, and software application businesses. The purpose of the new alliance is to work with Constellation to drive innovation and create a new electricity Load Response model that will surpass the current utility demand response offerings. This new approach will provide greater building efficiency and allow facility owners more control of energy costs while maintaining comfort and operating standards. On a broader scale, it will effectively drive socially responsible behavior and embrace environmental sustainability as well.

Buildings and the energy consuming devices within them are controlled by a wide array of systems. Much of their design and implementation has been to control comfort, not energy. The NewEnergy Alliance will advance the concept of interoperability and development of enterprise level software platforms, applications and the mandatory required integration infrastructure to allow these building systems to automatically and in real time uniformly consume and respond to energy pricing signals and real time supply options to significantly lower energy cost and usage. Integrating Automated Load Response into building systems brings the energy supply side of the picture into perspective, further leveraging the ability to control the internal environment not only for comfort, but also for energy consumption.

In order to advance the concepts of interoperability and for the building owners to reap the benefits of the alliance and energy supply side involvement, a technology infrastructure needs to be implemented which allows for the integration and interoperability of all building systems. Richards-Zeta's advanced automated middleware solution, the RZ Mediator MPX, breaks down the barriers that exist within all building systems and normalizes the information at the source with an open platform and framework. With normalized building systems, all data from multiple physical interfaces, systems protocols and domains (regardless of manufacturer) are abstracted and presented in one common IT standard model. This eliminates the need for multiple host workstations, but most importantly now allows for the leveraging of the IP network and all the applications, services and client views that are available worldwide. The RZ Mediator MPX can be configured to deliver and/or consume web services (i.e. Automated Demand Response) allowing building owners to truly take advantage of the incentive programs provided by Constellation and other energy providers which require integrating Load Response into these existing building systems.

The NewEnergy Alliance sought to bring together the technologies, manufacturers, engineers, and service providers across the energy, IT, and building systems industries. The members are involved in developing and implementing complementary and best of breed solutions and technologies to deliver sustainable energy goals for every type of building and customer.

### **About Richards-Zeta (RZ)**

Richards-Zeta Building Intelligence, Inc. (RZ) possesses over 20 years of BAS (Building Automation Systems) expertise, which is not only essential to understanding the market opportunity posed by migrating building systems to an IP centric solution, but is also critical to the development of this multi-billion dollar industry. RZ is a manufacturer of a complete line of DDC Controls as well as the RZ Mediator Multi-Protocol Exchange (MPX) platform which, as middleware, provides for the convergence of multiple disparate building systems onto the IP network. Richards-Zeta has a legacy of first to market innovations, including *perfectHOST*®, the industry's first all in one graphical programming and graphical user interface package, now an integral component of the Mediator's OMEGA® platform, a web-based graphical user interface. For more information on Richards-Zeta please go to: [www.richards-zeta.com](http://www.richards-zeta.com).

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