



Department of Energy Report Validates Transformative Wave's CATALYST as a Retrofit Solution Providing on Average 57 Percent Energy Savings On Existing Packaged Rooftop Units

Pacific Northwest National Laboratories authored the report which highlights its findings of multi-year field tests of the CATALYST

Kent, WA, October 7, 2013 - Transformative Wave is proud to announce the public release of the Department of Energy study of the **CATALYST** that reports average savings of 57 percent in field trials. The **CATALYST** was chosen as the product to be evaluated in a two-year study commissioned by the U.S. Department of Energy (DOE) through the Pacific Northwest National Laboratories (PNNL). Transformative Wave has collaborated with the PNNL throughout the trials and shared operational data obtained via its **eIQ Platform**. The purpose of the study was to evaluate the ability of the patented **CATALYST** to reduce commercial HVAC energy use as a retrofit upgrade to existing packaged rooftop units (RTU). The study covered **CATALYST** upgrades on 66 existing rooftop units (RTUs) across the nation in four climate zones and varying building types. The PNNL chose the **CATALYST** over other options based on the product's features and maturity. The **full DOE report** is now available to the public.

Danny Miller, President of Transformative Wave, responded to the release, "After two years of collaborating with the great staff at the PNNL, it is rewarding to see these results. It validates the power of the **CATALYST** to deliver an effective efficiency solution beyond lighting. We consider this to be the highest authority in the country providing clear evidence from the field of what we have been proving for the last four years, the **CATALYST** works! It is a fully commercialized and market ready product that we deliver directly and through our valued Affiliate Partners across the country. I would like to thank the PNNL and the many clients who agreed to participate in the trials including: Whole Foods, Staples, BJ's Wholesale, Cleveland Clinic, Bartell Drugs, City of Everett, General Growth Properties and Steadfast Companies."

The **CATALYST**, North America's leading efficiency solution for constant volume HVAC systems, has a proven track record of reducing commercial and industrial customers' HVAC energy use by 25%-50% in a cost-effective manner. It is manufactured and shipped as an easy-to-install pre-wired kit that radically lowers the energy use and improves the performance of constant volume HVAC systems. Transformative Wave's **eIQ Platform** provides customers real-time visualization and interaction with CATALYST-equipped HVAC units for performance verification, fault alerts, remote set point adjustment and scheduling via a web interface. Both products have a long history of success in the field.

(more)

THE GENIUS OF SIMPLE

Transformative Wave believes in the power of simplicity. We believe in uncomplicated, elegant answers that work, in ideas that are so perfect for their place and time that in retrospect they seem to be obvious. The genius of our technologies is not in their sophistication, but in their application and in the way they make us look at the status quo in a new light.

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About Transformative Wave

Transformative Wave is one of the country's leading energy efficiency innovators, developing and bringing to market a growing line of energy saving and environmentally responsible products and services. For more information, visit our website at <http://transformativewave.com>.

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