179D Tax Deduction Extended for 2014 Energy Efficiency Building Projects

The Tax Increase Prevention Act of 2014 (HR 5771) has been extended to include the 179D Tax Deduction Section.

Omaha, NE (PRWEB) January 10, 2015 -- The Tax Increase Prevention Act of 2014 (HR 5771) has been extended to include the 179D Tax Deduction Section.

The Energy Efficient Commercial Building Tax Deduction 179D is a deduction for property owners who have made their commercial or multifamily properties (more than three stories above grade) energy efficient. The deduction may also be taken by ESCOs, engineers, designers, and architects of energy efficient municipal building projects. Qualifying retrofit or construction projects are those with a start date in 2005 and completion date on or before Dec. 31, 2013. As part of the extension, no changes were made to the type of building owners who can allocate the 179D Tax Deduction.

The 179D Tax Deduction extension is a one year extension with no technical changes.

At the minimum, buildings must meet the requirements of ASHRAE Standard 90.1-2001 to qualify for the 179D Tax Deduction. Other qualifying criteria and benefits remain the same.

Buildings may qualify for a maximum deduction of $1.80 per square foot if they are shown to reduce energy by 50%. Partial deductions are available for HVAC and hot water systems, interior lighting systems, or the building envelope at $0.60 per square foot per category. Qualifying energy cost savings percentages are 15% for HVAC systems, 20% for lighting systems, and 10% for the building envelope.

Bes-Tech, Inc.'s Digi-RTU® for rooftop units, Digi-VAV™ for large AHUs and terminal box applications, and TPOR® building engineering services all qualify for the 179D tax benefit. See below for more information on these technologies and services:

Digi-RTU®
The Digi-RTU® is an HVAC and Heat Pump control kit for rooftop units that functions as both a demand management and energy usage device. The Digi-RTU® improves energy efficiency and reduces energy demand by between 40-70%. It also reduces compressor cycling by up to 70% of the requirements.

Digi-VAV™
The Digi-VAV™ optimizes the airflow of large single duct VAV systems. It measures the true air flow by sensing the CO2 concentration levels in the outside and supply-air streams. It then dynamically resets the minimum airflow of each terminal box, thus optimizing the outside air intake of the AHU and supply-air static pressure. The Digi-VAV™ decreases heat/reheat energy consumption by 30-80%, lowers cooling energy consumption by 10-25%, and reduces fan power consumption by 30-50%.

TPOR®
Bes-Tech's Retrofit Commissioning Process (TPOR®) is their unique service package that integrates equipment retrofits with the building commissioning process to optimize the efficiency of mechanical, electrical, and automation control systems. When combined with their TPOR® service, Bes-Tech's full line of technologies helps building owners and facility managers ensure the reliability of their systems while minimizing energy, operational, and maintenance expenditures. Over the last ten years, TPOR® has been perfected to provide each client with a truly effective building energy conservation model.

About Bes-Tech:

Bes-Tech has been a leader in energy efficient building systems technologies for the past ten years. The company was founded on proven scientific engineering processes and technologies that reduce peak energy demand, minimize energy usage, and maximize energy efficiency. They actively work to lower the carbon footprint of the built environment.

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