**Introduction**

Leadership in Energy & Environmental Design, or LEED, is the U.S. Green Building Council’s (USGBC) globally recognized “green” building certification program that provides a framework to develop healthy, efficient, and sustainable buildings. Implementing enVerid’s HVAC Load Reduction® (HLR®) solution as a retrofit HVAC design can help buildings earn up to 17 LEED points in the Energy & Atmosphere (EA), Indoor Environmental Quality (EQ), and Innovation (IN) credit areas. HLR technology improves indoor air quality (IAQ) by cleaning and recycling indoor air, thereby reducing outside air requirements and heating and cooling energy consumption.

**Earning Pilot Credits with HLR Technology**

Standard Pilot Credits test experimental LEED ideas by introducing new credits to the rating system, allowing projects to examine innovative solutions that haven’t been through drafting and balloting.

The USGBC has developed the *Performance based indoor air assessment in Existing Buildings* pilot credit (EQpc119) as an alternative compliance path to earn 9 LEED points in EQ and IN credit categories. Additionally, the minimum IAQ specific prerequisite for EQ can be attained through the *Indoor Air Quality Procedure* pilot credit (EQpc68), which ensures contaminants of concern remain below their threshold limits for calculated ventilation rates and HLR modules.

**Energy Savings with the HLR System**

Using HLR technology, the amount of outside air intake is reduced leading to energy savings. LEED awards an additional 8 points (non-pilot) for existing buildings in the Energy & Atmosphere credit area.

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enVerid Systems, Inc. is committed to improving energy efficiency and indoor air quality in buildings worldwide through its innovative HVAC Load Reduction® (HLR®) solutions. Awarded the prestigious 2016 R&D 100 Award, enVerid is the only solution that helps commercial, education and government buildings remove carbon dioxide (CO₂), aldehydes, volatile organic compounds (VOCs) and particulate matter (PM₁₀) from indoor air, reducing the outside air intake required for ventilation. enVerid’s HLR technology is ASHRAE-compliant and has been recognized by the U.S. Department of Energy, the U.S. General Services Administration’s Green Proving Ground Program, and the U.S. Green Building Council. For more information, please visit www.enverid.com.