

## **CABA Completes Connected Home IoT Energy Roadmap**

August 2, 2018

The Continental Automated Buildings Association, through its Connected Home Council, has completed its \$150,000 collaborative “Connected Home IoT Energy Roadmap” research study.

The roadmap provides a comprehensive examination of all major aspects of energy in the smart home. The report describes the state of the market, key industry players, business opportunities, technical barriers and opportunities, future market direction, along with providing case studies and industry recommendations.

"Having data and actionable intelligence is essential for developing and marketing successful connected home products and services," said Ronald J. Zimmer, CABA President & CEO. "Companies need to prepare to target savvy smart home consumers as energy management causes massive disruption in the home systems sector. Our new report can help organizations put together the necessary pieces to link smart grid management, utilities, and automation systems in the home."

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CABA's research project addresses the many challenges and opportunities surrounding the need for more energy efficient homes. The report leverages both qualitative and quantitative research to provide actionable data relevant for business opportunities, to evaluate technical barriers and opportunities, and future market direction.

The report found that unlike traditional benefits associated with convenience and comfort, utility/energy cost savings is one of the primary drivers of consumer interest in connected home solutions. The energy savings factor can help usher in the next wave of connected home technology adoption. The report suggests that a greater understanding of the benefits and transparency of energy management solutions will help combat the gap between availability and adoption of connected home IoT technology.

The key recommendations from the report included best practices to promote connected home certification based on energy savings, comfort, convenience, security and other performance attributes and recommendations for the development of common standards for open communication protocols to encourage the cross-compatibility of energy management products and platforms.

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The following CABA members sponsored the study: Acuity Brands, Inc., BC Hydro, ComEd, An Exelon Company, CSA Group, Distech Controls, eMcRay, Electric Power Research Institute (EPRI), Honda Environmental Business Development Office, Hydro One Networks Inc., Hydro-Québec, Leviton Manufacturing Co., Inc., Rheem Manufacturing Company Inc., Southern California Edison Company and Southwire Company, LLC.

Frost & Sullivan, a CABA member and a consulting firm which provides market research and analysis, growth strategy consulting, and corporate training services across multiple industries, was contracted to undertake the research.

The study was a major initiative of the CABA Research Program, which offers a range of opt-in technical and advisory research services designed to provide industry stakeholders with collaborative research and R&D opportunities.

The report will be released for sale at the conclusion of an embargo period. Greg Walker, CABA Research Director, was the project manager and can be contacted at: [walker@caba.org](mailto:walker@caba.org) for more information.

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## About CABA

The Continental Automated Buildings Association (CABA) is an international not-for-profit industry association dedicated to the advancement of intelligent home and intelligent building technologies. The organization is supported by an international membership of over 330 organizations involved in the design, manufacture, installation and retailing of products relating to home automation and building automation. Public organizations, including utilities and government are also members. CABA's mandate includes providing its members with networking and market research opportunities. CABA also encourages the development of industry standards and protocols, and leads cross-industry initiatives. More information is available at [www.caba.org](http://www.caba.org).

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