Winning Smart Home Strategies for Energy Management

Description: Within the smart home, energy management is an important value-added service that provides differentiation and enables many new business models. This report examines participation of connected products and smart home systems in energy management. It includes descriptions and profiles of the evolving use of the cloud among companies and services for energy management and demand response.

This report examines how smart products and smart home systems can be leveraged to enhance home energy management. The utility, security, and home control business models, which were stable for many years, are now in transition. The wide adoption of broadband and mobile devices, including tablets and smartphones, has changed the way that consumers feel about technology. Consumer adoption of smart products and participation in third-party energy management solutions create a challenge and an opportunity for utilities.

As consumer interest and adoption of smart devices with energy management features increase, utilities are tasked with identifying strategies that can leverage this new connectivity. New approaches and solutions using connectivity and data are transforming the utility, security, and home controls industries and are accelerating their convergence, blurring traditional boundaries. Systems that include energy management, security services, and remote monitoring and control capabilities are entering the market. Standards and open protocols are removing barriers to entry, flattening markets, and inviting new entrants with differentiated value propositions and novel monetization strategies.

Report Topics:
- Trends driving adoption of connected devices.
- Consumer actions to reduce energy usage.
- Considerations for adding smart devices to utility programs.
- Strengths, weaknesses, opportunities, and threats of different approaches to leveraging smart devices in utility programs.
- Descriptions and profiles of the evolving use of the cloud among companies.
- Five-year smart thermostat forecast.

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