







## Registration Now Open

Learn more at www.peakload.org/39th-plma-conference and www.parksassociates.com/events/smart-energy-summit





PLMA Load Management Dialogue co-hosted by Smart Energy Summit

# Smart Home and Demand Response: Impact of BYOD, Voice and Renewables



**Denise Ernst**Parks Associates



Richard Philip

Duke Energy
PLMA Group Co-chair



Olivia Patterson
Opinion Dynamics
PLMA Group Co-Chair

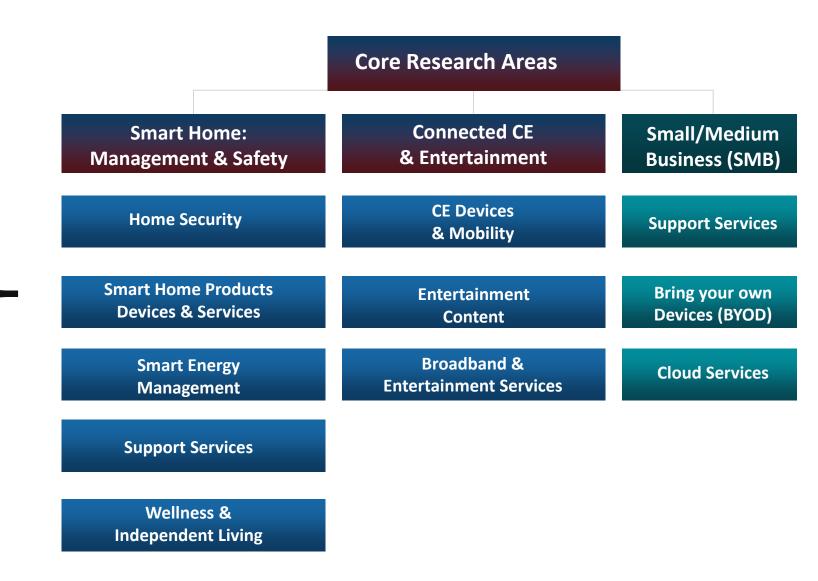
### **About Parks Associates**

30+ year history focused on consumer technology market

Survey 10,000 U.S. broadband households each quarter

Serve 500+ companies with research and consulting

2,000+ executives attending Parks Associates event



### Join Parks Associates at Upcoming Events

**Smart Energy Summit: Engaging the Consumer** 

February 18-20, 2019 Austin, TX



CONNECTIONS™ Europe: Strategies for the Smart Home and Consumer IoT

November 2019 Amsterdam, The Netherlands



**CONNECTIONS™: The Premier Connected Home Conference** 

May 21-23, 2019 San Francisco, CA



Future of Video: OTT,
Pay TV, and Digital Media

December 2019 Marina del Rey, CA



**CONNECTED HEALTH SUMMIT:** Independent Living & Wellness

August 27-29, 2019 San Diego, CA



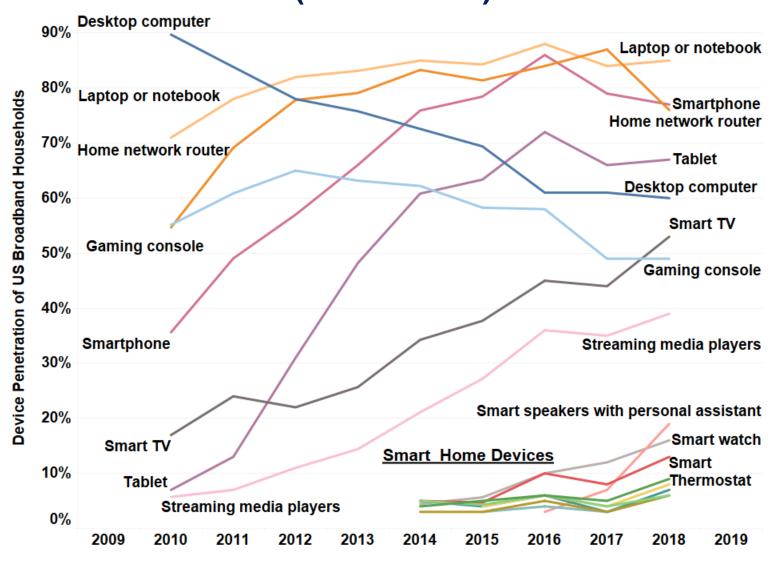
**CONNECTIONS™ Summit at CES:** Consumer IoT and Smart Home

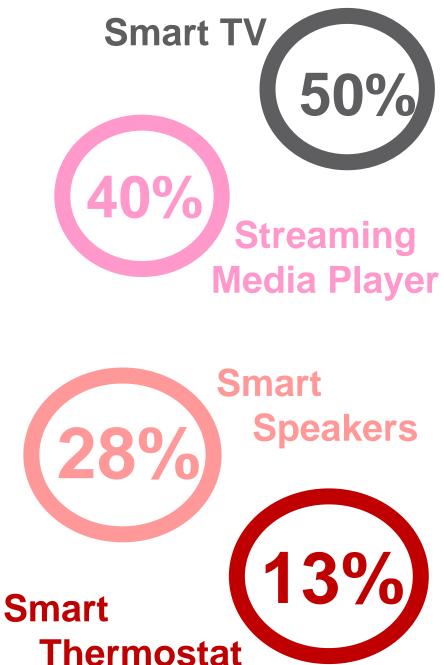
January 2020 Las Vegas, NV



## **The Connected Consumer**

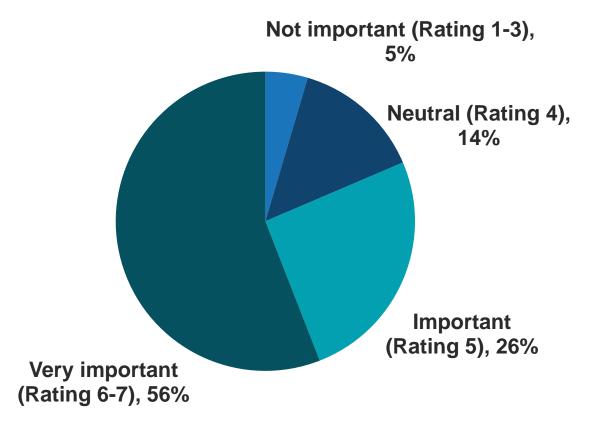
# Device Adoption in U.S. Broadband Households (2010 – 2018)



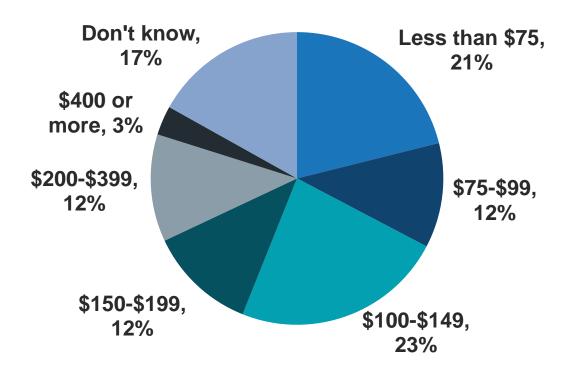


#### The Homeowners' Dilemma

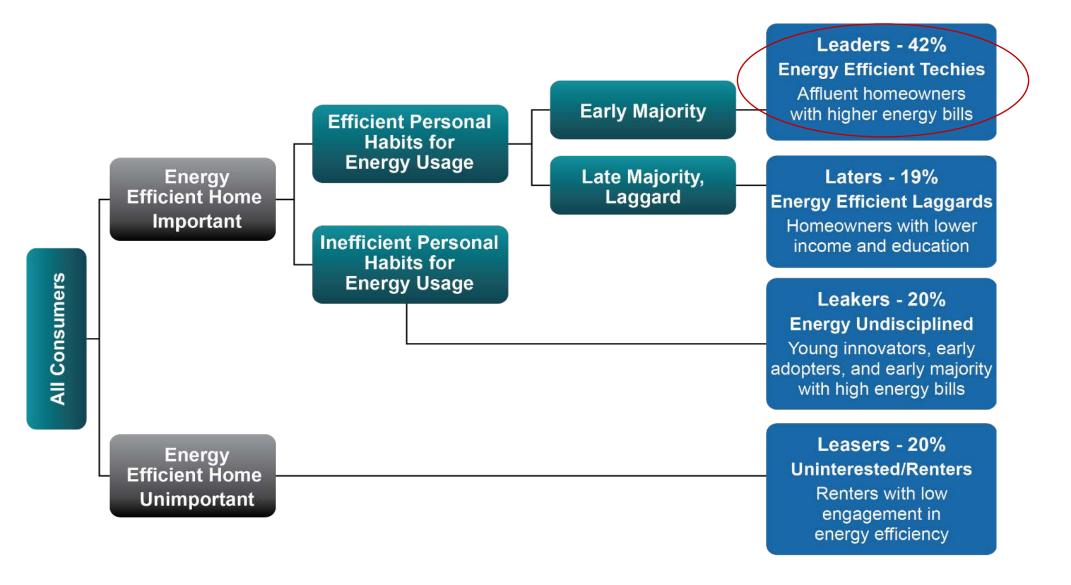
## Importance of Having an Energy Efficient Home



#### **Average Monthly Electricity Bill**



### **Consumer Segmentation**



## **High Efficiency Homes**



**10%**New 2017

Net-Zero
ENERGY COALITION

61% 2016-2017 SF

3/10 NZ ZER ZNE

1,943,072 Total

5,256 SF (2017)

25% Renewable

**2X** 

10%



**2,684**Partners

Title 24 2019



## Questions



Denise Ernst
Parks Associates
Denise.Ernst@parksassociates.com
972-490-1113









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