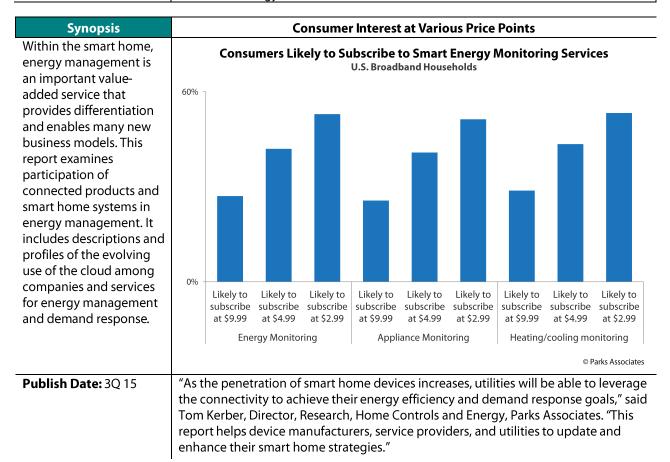


## Winning Smart Home Strategies for Energy Management *Table of Contents*

By Maia Hinkle, Research Analyst, and Tom Kerber, Director of Research, Home Controls & Energy



Contents	
	Dashboard
	1.0 Report Summary
	1.1 Purpose of Report
	1.2 Scope of Report
	1.3 Key Questions Addressed
	2.0 Smart Devices and Home Energy Management
	3.0 Leveraging Big Data
	3.1 Leveraging Data for Demand Response
	3.2 Leveraging Data for Energy Efficiency
	4.0 Leveraging Smart Devices: Strategies & SWOT Analysis
	4.1 Challenges with Utility Programs
	4.2 Strategies for Leveraging Smart Devices
	4.3 Evaluation of Integrating Smart Devices in Utility Programs
	4.4 Creating an Infrastructure to Integrate Smart Devices
	4.5 Utility-Installed and Managed Smart Thermostat Program

© 2015 Parks Associates. All rights reserved.



## Winning Smart Home Strategies for Energy Management *Table of Contents*

By Maia Hinkle, Research Analyst, and Tom Kerber, Director of Research, Home Controls & Energy

4.6	Bring-Your-Own-Device Programs
5.0	Service Bundling Opportunities
5.1	Energy Monitoring Services
5.2	Product Monitoring Services
5.3	Monetizing Energy and Product Monitoring Services
5.4	Bundling Monitoring Services with Adjacent Home Services
5.5	Bundling Products and Services to Improve Customer Acquisition
	Bundling Electricity with Broadband and Other Home Services
6.0	Assessing the Smart Home Opportunity
6.1	Services Offered by Energy Providers
6.2	Competitive Advantages for Energy Providers
7.0	Smart Thermostat Forecast
7.1	Forecast Methodology and Assumptions
8.0	Appendix
8.1	Index
8.2	Image Sources

Figures	
	Smart Energy Device Adoption
	Top Actions to Reduce Energy Usage
	Intentions to Purchase a Smart Device with Energy Management Features
	Energy Savings from Different Energy Consumption Feedback Methods
	Familiarity with Energy Programs
	Decisions to Integrate Smart Products into Utility Programs
	SWOT: Creating an Infrastructure to Integrate Smart Devices
	SWOT: Utility-Based Smart Thermostat Programs
	SWOT: Bring-Your-Own-Thermostat Programs
	Appeal of Monitoring Services
	Willingness to Pay for Monitoring Services
	Adoption of Home Services
	Appeal of Home Warranty and Monitoring Services
	Likelihood of Switching Electricity Provider for Incentive
	Appeal of Bundling Other Services with Electricity Service
	Factors and Multipliers of Thermostat Forecast
	Forecasted Growth of Thermostats Units Sold
	U.S. Thermostat Unit Forecast by Channel
	U.S. Smart Thermostat Unit Forecast by Channel

List of Companies		
	American Council for an Energy-	Glendale Water & Power
	Efficient Economy	Nest
	Austin Energy	Nevada Energy
	AutoGrid	OG&E
	CEIVA	OpenADR

© 2015 Parks Associates. All rights reserved.



## Winning Smart Home Strategies for Energy Management *Table of Contents*

By Maia Hinkle, Research Analyst, and Tom Kerber, Director of Research, Home Controls & Energy

Comverge	Opower
DTE	PG&E
Duke	PlanetEcosystems
EcoFactor	Reliant
Energate	SRP
FPL	TXU

Attributes	
Parks Associates	Authored by Tom Kerber and Maia Hinkle
15950 N. Dallas Pkwy	Executive Editor: Tricia Parks
Suite 575	Published by Parks Associates
Dallas TX 75248	
	© July 2015 Parks Associates
800.727.5711 toll free	Dallas, Texas 75248
972.490.1113 phone	
972.490.1133 fax	All rights reserved. No part of this book may be reproduced, in any form or by any means, without permission in writing from the publisher.
parksassociates.com	Printed in the United States of America.
sales@	Frinted in the onited states of America.
parksassociates.com	Disclaimer
	Parks Associates has made every reasonable effort to ensure that all information in this report is correct. We assume no responsibility for any inadvertent errors.