

By Bill Ablondi, Director, Home Systems Research, & Farhan Abid, Analyst

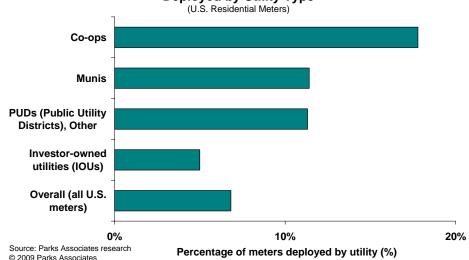
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#### **Synopsis**

This report is a catalog of current and future AMI and smart meter deployments in the U.S. It includes profiles of utilities, government agencies, and private organizations influencing the development and use of Smart Grid systems. It also includes specific data on current utility activities, including a summary of deployments and plans, the number of residential customers covered, and the types of meters and technologies implemented. Detailed data are provided in a separate Excel file for

#### **AMI Meter Penetration**

# Penetration of AMI Meters among All Meters Deployed by Utility Type



review and analysis.

Publish Date: 3Q 09

"Environmental concerns, the rising cost of energy, and new government initiatives are all driving the renewed and very real push for residential energy management," said Bill Ablondi, director, home systems research. "This report is a comprehensive snapshot of the current status and activities of utilities throughout the U.S. and provides solid data on the capabilities they are enabling and the technologies they are implementing."

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AEP subsidiary Indiana Michigan Power Utility

Allegheny Power

Ameren IL

Baltimore Gas & Electric Company

Brunswick Electric Membership Corporation

**CPS Energy** 

DTE

Dominion Resources, Inc.

First Electric Cooperative Corporation

Hawaiian Electric Company

Holland Board of Public Works

Magic Valley Electric Cooperative

Mississippi Power

Modesto Irrigation District (PUD)

Philadelphia Electric Company (PECO)

Progress Energy

Rappahannock Electric Cooperative

Sacramento Municipal Utility District

San Diego Gas & Electric

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# AMI Fact Book - Volume II Master Spreadsheet (Excel)

AMI meter deployment summary

Appendix A: Acronyms Appendix B: Glossary

Summary

**Smart Meter Forecast** 

List of Investor Owned Utilities (IOUs) List of Utility Cooperatives (Co-ops) List of Municipally Owned Utilities (Munis)

Other types of utilities

Utilities deploying Capacity Market programs
Utilities deploying Critical Peak Pricing programs
Utilities deploying Critical Peak Rebate programs
Utilities deploying Demand Bidding programs
Utilities deploying Direct Load Control programs

Utilities deploying Emergency Demand Response programs
Utilities deploying Interruptible and Curtailable programs

Utilities deploying Real-time pricing programs
Utilities deploying Time-of-use programs

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Stimulus Fund allocation

Anticipated number of stimulus awards

Tentative application deadlines

Wired Backhaul Communication Networks Wireless Backhaul Communication Networks

HAN Communications and Control Technologies

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Summaries of Smart Meter Deployments and Trials

Households with AMI Capable Meters



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## **Project**

This report is part of the Parks Associates project **Residential Energy Management: Opportunities for Digital Systems and Services**.

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